Microsoft.Activities.Extensions Namespace

Send Feedback

Provides helpers an extensions to classes in the System.Activities namespace

Classes

	Class	Description
	ActivityContextExtensions	The activity context extensions.
	ActivityXamlServicesEx	Diagnostic class with methods to output activities serialized as XAML
	BookmarkResumptionException	The bookmark resumption exception.
	CodeActivityMetadataExtensions	Extensions to the CodeActivityMetadata class
	InArgumentExtensions	The in argument extensions.
	InputDictionary	The input dictionary.
	NativeActivityMetadataExtensions	Extensions to the NatvieActivityMetadata class
	Occurance	The date time ex.
	OutputDictionary	The output dictionary.
	StrictXamlHelper	Provides helper methods that will apply normal CLR rules for assembly resolution when loading XAML
	WorkflowAbortedEpisodeResult	The workflow episode result.
	WorkflowApplicationExtensions	The workflow application extensions.
	WorkflowApplicationIdleEventArgsEx	The workflow application idle event args ex.
	WorkflowArguments	Dynamic object support for declaring input

		arguments for a workflow
	WorkflowCompletedEpisodeResult	The workflow episode result.
	WorkflowEpisode	The workflow episode.
	WorkflowEpisodeResult	Base class for workflow episodes
	WorkflowIdleEpisodeResult	Result when a workflow episode ends with idle

Enumerations

	Enumeration	Description
	XamlAssemblyResolutionOption	The xaml assembly resolution option.

ActivityContextExtensions Class

Members See Also Send Feedback

The activity context extensions.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class ActivityContextExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class ActivityContextExtensions
```

Visual C++

```
[ExtensionAttribute]
public ref class ActivityContextExtensions abstract s
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.ActivityContextExtensions

See Also

ActivityContextExtensions Members

Microsoft.Activities.Extensions Namespace

ActivityContextExtensions Members

The ActivityContextExtensions type exposes the following members.

Methods

	Name	Description
	GetValue(T)	Gets the value of an argument or the default value if there is no expression

See Also

ActivityContextExtensions Class

Microsoft.Activities.Extensions Namespace

ActivityContextExtensions Methods

The ActivityContextExtensions type exposes the following members.

Methods

	Name	Description
	GetValue(T)	Gets the value of an argument or the default value if there is no expression

See Also

ActivityContextExtensions Class

Microsoft.Activities.Extensions Namespace

ActivityContextExtensions.GetValue(*T*) Method

Gets the value of an argument or the default value if there is no expression

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static T GetValue<T>(
        this ActivityContext context,
        InArgument<T> argument,
        T defaultValue
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function GetValue(Of T) ( _
        context As ActivityContext, _
        argument As InArgument(Of T), _
        defaultValue As T _
) As T
```

Visual C++

```
public:
[ExtensionAttribute]
generic<typename T>
static T GetValue(
        ActivityContext^ context,
        InArgument<T>^ argument,
        T defaultValue
)
```

Parameters

context
Type: System.Activities.ActivityContext
The context.

argument
Type: System.Activities.InArgument(**T**)
The argument.

defaultValue
Type: **T**
The default value.

Type Parameters

T
The type of the argument

Return Value

the value of an argument or the default value if there is no expression

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type ActivityContext. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

Remarks

Default values are not supported on InOutArguments because we cannot tell if the value was set by your code or if it is simply the default(T) because no value was set

Examples

An activity that has an optional in argument

C# Copy

```
// ----------------------------------------------------
// <copyright file="ActivityWithOptionalArgsContext.c
//   Copyright (c) Microsoft Corporation. All rights
// </copyright>
// ----------------------------------------------------

using System.Activities;
using System.ComponentModel;

using Microsoft.Activities.Extensions;

/// <summary>
/// An activity with optional args and context
/// </summary>
// ReSharper disable CheckNamespace
public sealed class ActivityWithOptionalArgsContext :
{
    // ReSharper restore CheckNamespace
    #region Constants

    /// <summary>
    /// The default optional value
    /// </summary>
    public const int DefaultOptionalValue = 1;

    #endregion

    // Prevent serialization of null value
    #region Public Properties

    /// <summary>
```

```
    /// Gets or sets OptionalArg.
    /// </summary>
    [DefaultValue(null)]
    public InArgument<int> OptionalArg { get; set; }

    /// <summary>
    /// Gets or sets RequiredArg.
    /// </summary>
    [RequiredArgument]
    public InArgument<string> RequiredArg { get; set;

    #endregion

    #region Methods

    /// <summary>
    /// When implemented in a derived class, performs
    /// </summary>
    /// <returns>
    /// The result of the activity’s execution.
    /// </returns>
    /// <param name="context">The execution context u
    protected override string Execute(CodeActivityCon
    {
        var num = context.GetValue(this.OptionalArg,

        return string.Format("{0}: {1}", this.Require
    }

    #endregion
}
```

See Also

ActivityContextExtensions Class

ActivityContextExtensions Members

Microsoft.Activities.Extensions Namespace

ActivityXamlServicesEx Class

Diagnostic class with methods to output activities serialized as XAML

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class ActivityXamlServicesEx
```

Visual Basic

```
Public NotInheritable Class ActivityXamlServicesEx
```

Visual C++

```
public ref class ActivityXamlServicesEx abstract sea
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.ActivityXamlServicesEx

See Also

ActivityXamlServicesEx Members

Microsoft.Activities.Extensions Namespace

ActivityXamlServicesEx Members

The ActivityXamlServicesEx type exposes the following members.

Methods

	Name	Description
	WriteToFile	Writes an activity to a XAML file
	WriteToStream	Writes an activity to a stream
	WriteToString	Writes an activity to a string

See Also

ActivityXamlServicesEx Class

Microsoft.Activities.Extensions Namespace

ActivityXamlServicesEx Methods

The ActivityXamlServicesEx type exposes the following members.

Methods

	Name	Description
	WriteToFile	Writes an activity to a XAML file
	WriteToStream	Writes an activity to a stream
	WriteToString	Writes an activity to a string

See Also

ActivityXamlServicesEx Class

Microsoft.Activities.Extensions Namespace

ActivityXamlServicesEx.WriteToFile Method

Writes an activity to a XAML file

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void WriteToFile(
        Activity activity,
        string fileName
)
```

Visual Basic

```
Public Shared Sub WriteToFile ( _
        activity As Activity, _
        fileName As String _
)
```

Visual C++

```
public:
static void WriteToFile(
        Activity^ activity,
        String^ fileName
)
```

Parameters

activity
Type: System.Activities.Activity
The activity to write to file

fileName
Type: System.String
The name of the file

See Also

ActivityXamlServicesEx Class
ActivityXamlServicesEx Members
Microsoft.Activities.Extensions Namespace

ActivityXamlServicesEx.WriteToStream Method

Writes an activity to a stream

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void WriteToStream(
        Activity activity,
        Stream stream
)
```

Visual Basic

```
Public Shared Sub WriteToStream ( _
        activity As Activity, _
        stream As Stream _
)
```

Visual C++

```
public:
static void WriteToStream(
        Activity^ activity,
        Stream^ stream
)
```

Parameters

activity
Type: System.Activities.Activity
The activity to write

stream
Type: System.IO.Stream
The stream to write to

See Also

ActivityXamlServicesEx Class
ActivityXamlServicesEx Members
Microsoft.Activities.Extensions Namespace

ActivityXamlServicesEx.WriteToString Method

Writes an activity to a string

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string WriteToString(
        Activity activity
)
```

Visual Basic

```
Public Shared Function WriteToString ( _
        activity As Activity _
) As String
```

Visual C++

```
public:
static String^ WriteToString(
        Activity^ activity
)
```

Parameters

activity
Type: System.Activities.Activity
The activity to write

Return Value

The activity serialized as XAML

See Also

ActivityXamlServicesEx Class
ActivityXamlServicesEx Members
Microsoft.Activities.Extensions Namespace

BookmarkResumptionException Class

The bookmark resumption exception.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
[SerializableAttribute]
public class BookmarkResumptionException : Exception
```

Visual Basic

```
<SerializableAttribute> _
Public Class BookmarkResumptionException _
        Inherits Exception
```

Visual C++

```
[SerializableAttribute]
public ref class BookmarkResumptionException : publi
```

Inheritance Hierarchy

System.Object
  System.Exception
    Microsoft.Activities.Extensions.BookmarkResumptionException

See Also

BookmarkResumptionException Members

Microsoft.Activities.Extensions Namespace

BookmarkResumptionException Members

The BookmarkResumptionException type exposes the following members.

Constructors

	Name	Description
	BookmarkResumptionException(SerializationInfo, StreamingContext)	Initializes a new instar BookmarkResumption class.
	BookmarkResumptionException(String, BookmarkResumptionResult, String)	Initializes a new instar BookmarkResumption class.
	BookmarkResumptionException(String, BookmarkResumptionResult, String, Exception)	Initializes a new instar BookmarkResumption class.

Methods

	Name	Description
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetBaseException	When overridden in a derived class, returns the Exception that is the root cause of one or more subsequent exceptions. (Inherited from Exception.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetObjectData	When overridden in a derived class, sets the SerializationInfo with information about the exception. (Overrides Exception.GetObjectData(SerializationInfo, StreamingContext).)
	GetType	Gets the runtime type of the current instance. (Inherited from Exception.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Creates and returns a string representation of the current exception. (Inherited from Exception.)

Properties

	Name	Description
	BookmarkName	Gets the Bookmark Name that failed to resume
	Data	Gets a collection of key/value pairs that provide additional user-defined information about the exception. (Inherited from Exception.)
	HelpLink	Gets or sets a link to the help file associated with this exception. (Inherited from Exception.)
	HResult	Gets or sets HRESULT, a coded numerical value that is assigned to a specific exception. (Inherited from Exception.)
	InnerException	Gets the Exception instance that caused the current exception. (Inherited from Exception.)
	Message	Gets a message that describes the current exception. (Inherited from Exception.)
	Result	Gets the BookmarkResumptionResult
	Source	Gets or sets the name of the application or the object that causes the error. (Inherited from Exception.)
	StackTrace	Gets a string representation of the immediate frames on the call stack. (Inherited from Exception.)
	TargetSite	Gets the method that throws the current exception. (Inherited from Exception.)

Events

	Name	Description
	SerializeObjectState	Occurs when an exception is serialized to create an exception state object that contains serialized data about the exception. (Inherited from Exception.)

See Also

BookmarkResumptionException Class

Microsoft.Activities.Extensions Namespace

BookmarkResumptionException Constructor

BookmarkResumptionException Class See Also Send Feedback

Overload List

	Name	Description
	BookmarkResumptionException(SerializationInfo, StreamingContext)	Initializes a new instar BookmarkResumption class.
	BookmarkResumptionException(String, BookmarkResumptionResult, String)	Initializes a new instar BookmarkResumption class.
	BookmarkResumptionException(String, BookmarkResumptionResult, String, Exception)	Initializes a new instar BookmarkResumption class.

See Also

BookmarkResumptionException Class
BookmarkResumptionException Members
Microsoft.Activities.Extensions Namespace

BookmarkResumptionException Constructor (SerializationInfo, StreamingContext)

Initializes a new instance of the BookmarkResumptionException class.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public BookmarkResumptionException(
        SerializationInfo info,
        StreamingContext context
)
```

Visual Basic

```
Public Sub New ( _
        info As SerializationInfo, _
        context As StreamingContext _
)
```

Visual C++

```
public:
BookmarkResumptionException(
        SerializationInfo^ info,
        StreamingContext context
)
```

Parameters

info
Type: System.Runtime.Serialization.SerializationInfo
The serialzation info.

context
Type: System.Runtime.Serialization.StreamingContext
The context.

See Also

BookmarkResumptionException Class
BookmarkResumptionException Members
BookmarkResumptionException Overload
Microsoft.Activities.Extensions Namespace

BookmarkResumptionException Constructor (String, BookmarkResumptionResult, String)

Initializes a new instance of the BookmarkResumptionException class.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public BookmarkResumptionException(
        string bookmarkName,
        BookmarkResumptionResult result,
        string message
)
```

Visual Basic

```
Public Sub New ( _
        bookmarkName As String, _
        result As BookmarkResumptionResult, _
        message As String _
)
```

Visual C++

```
public:
BookmarkResumptionException(
        String^ bookmarkName,
        BookmarkResumptionResult result,
        String^ message
)
```

Parameters

bookmarkName
Type: System.String
The bookmark Name.

result
Type: System.Activities.BookmarkResumptionResult
The result.

message
Type: System.String
The message.

See Also

BookmarkResumptionException Class
BookmarkResumptionException Members
BookmarkResumptionException Overload
Microsoft.Activities.Extensions Namespace

BookmarkResumptionException Constructor (String, BookmarkResumptionResult, String, Exception)

Initializes a new instance of the BookmarkResumptionException class.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public BookmarkResumptionException(
        string bookmarkName,
        BookmarkResumptionResult result,
        string message,
        Exception innerException
)
```

Visual Basic

```
Public Sub New ( _
        bookmarkName As String, _
        result As BookmarkResumptionResult, _
        message As String, _
        innerException As Exception _
)
```

Visual C++

```
public:
BookmarkResumptionException(
        String^ bookmarkName,
        BookmarkResumptionResult result,
        String^ message,
        Exception^ innerException
)
```

Parameters

bookmarkName
Type: System.String
The bookmark Name.

result
Type: System.Activities.BookmarkResumptionResult
The result.

message
Type: System.String
The message.

innerException
Type: System.Exception
The inner Exception.

See Also

BookmarkResumptionException Class
BookmarkResumptionException Members
BookmarkResumptionException Overload
Microsoft.Activities.Extensions Namespace

BookmarkResumptionException Methods

The BookmarkResumptionException type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetBaseException	When overridden in a derived class, returns the Exception that is the root cause of one or more subsequent exceptions. (Inherited from Exception.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetObjectData	When overridden in a derived class, sets the SerializationInfo with information about the exception. (Overrides Exception.GetObjectData(SerializationInfo, StreamingContext).)
	GetType	Gets the runtime type of the current instance. (Inherited from Exception.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Creates and returns a string representation of the current exception. (Inherited from Exception.)

See Also

BookmarkResumptionException Class

Microsoft.Activities.Extensions Namespace

BookmarkResumptionException.GetObjectData Method

When overridden in a derived class, sets the SerializationInfo with information about the exception.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public override void GetObjectData(
        SerializationInfo info,
        StreamingContext context
)
```

Visual Basic

```
Public Overrides Sub GetObjectData ( _
        info As SerializationInfo, _
        context As StreamingContext _
)
```

Visual C++

```
public:
virtual void GetObjectData(
        SerializationInfo^ info,
        StreamingContext context
) override
```

Parameters

info
Type: System.Runtime.Serialization.SerializationInfo
The SerializationInfo that holds the serialized object data about the exception being thrown.

context
Type: System.Runtime.Serialization.StreamingContext
The StreamingContext that contains contextual information about the source or destination.

Implements

ISerializable.GetObjectData(SerializationInfo, StreamingContext)
_Exception.GetObjectData(SerializationInfo, StreamingContext)

Exceptions

Exception	Condition
System.ArgumentNullException	The *info* parameter is a null reference (Nothing in Visual Basic).

See Also

BookmarkResumptionException Class
BookmarkResumptionException Members
Microsoft.Activities.Extensions Namespace

BookmarkResumptionException Properties

The BookmarkResumptionException type exposes the following members.

Properties

	Name	Description
	BookmarkName	Gets the Bookmark Name that failed to resume
	Data	Gets a collection of key/value pairs that provide additional user-defined information about the exception. (Inherited from Exception.)
	HelpLink	Gets or sets a link to the help file associated with this exception. (Inherited from Exception.)
	HResult	Gets or sets HRESULT, a coded numerical value that is assigned to a specific exception. (Inherited from Exception.)
	InnerException	Gets the Exception instance that caused the current exception. (Inherited from Exception.)
	Message	Gets a message that describes the current exception. (Inherited from Exception.)
	Result	Gets the BookmarkResumptionResult
	Source	Gets or sets the name of the application or the object that causes the error. (Inherited from Exception.)
	StackTrace	Gets a string representation of the immediate frames on the call stack. (Inherited from Exception.)
	TargetSite	Gets the method that throws the current exception. (Inherited from Exception.)

See Also

BookmarkResumptionException Class

Microsoft.Activities.Extensions Namespace

BookmarkResumptionException.BookmarkName Property

Gets the Bookmark Name that failed to resume

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public string BookmarkName { get; private set; }
```

Visual Basic

```
Public Property BookmarkName As String
        Get
        Private Set
```

Visual C++

```
public:
property String^ BookmarkName {
        String^ get ();
        private: void set (String^ value);
}
```

See Also

BookmarkResumptionException Class
BookmarkResumptionException Members
Microsoft.Activities.Extensions Namespace

BookmarkResumptionException.Result Property

Gets the BookmarkResumptionResult

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public BookmarkResumptionResult Result { get; privat
```

Visual Basic

```
Public Property Result As BookmarkResumptionResult
        Get
        Private Set
```

Visual C++

```
public:
property BookmarkResumptionResult Result {
        BookmarkResumptionResult get ();
        private: void set (BookmarkResumptionResult
}
```

See Also

BookmarkResumptionException Class
BookmarkResumptionException Members
Microsoft.Activities.Extensions Namespace

BookmarkResumptionException Events

The BookmarkResumptionException type exposes the following members.

Events

	Name	Description
	SerializeObjectState	Occurs when an exception is serialized to create an exception state object that contains serialized data about the exception. (Inherited from Exception.)

See Also

BookmarkResumptionException Class

Microsoft.Activities.Extensions Namespace

CodeActivityMetadataExtensions Class

Extensions to the CodeActivityMetadata class

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class CodeActivityMetadataExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class CodeActivityMetadataExte
```

Visual C++

```
[ExtensionAttribute]
public ref class CodeActivityMetadataExtensions abst
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.CodeActivityMetadataExtensions

See Also

CodeActivityMetadataExtensions Members

Microsoft.Activities.Extensions Namespace

CodeActivityMetadataExtensions Members

The CodeActivityMetadataExtensions type exposes the following members.

Methods

	Name	Description
	AddAndBindArgument	Adds and binds and argument in one step

See Also

CodeActivityMetadataExtensions Class

Microsoft.Activities.Extensions Namespace

CodeActivityMetadataExtensions Methods

The CodeActivityMetadataExtensions type exposes the following members.

Methods

	Name	Description
	AddAndBindArgument	Adds and binds and argument in one step

See Also

CodeActivityMetadataExtensions Class

Microsoft.Activities.Extensions Namespace

CodeActivityMetadataExtensions.AddAndBindArgument Method

Adds and binds and argument in one step

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void AddAndBindArgument(
        this CodeActivityMetadata metadata,
        Argument binding,
        RuntimeArgument argument
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub AddAndBindArgument ( _
        metadata As CodeActivityMetadata, _
        binding As Argument, _
        argument As RuntimeArgument _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void AddAndBindArgument(
        CodeActivityMetadata metadata,
        Argument^ binding,
        RuntimeArgument^ argument
)
```

Parameters

metadata
Type: System.Activities.CodeActivityMetadata
The activity metadata

binding

Type: System.Activities.Argument
The argument to bind

argument
Type: System.Activities.RuntimeArgument
The runtime argument

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type CodeActivityMetadata. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

CodeActivityMetadataExtensions Class
CodeActivityMetadataExtensions Members
Microsoft.Activities.Extensions Namespace

InArgumentExtensions Class

The in argument extensions.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class InArgumentExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class InArgumentExtensions
```

Visual C++

```
[ExtensionAttribute]
public ref class InArgumentExtensions abstract seale
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.InArgumentExtensions

See Also

InArgumentExtensions Members

Microsoft.Activities.Extensions Namespace

InArgumentExtensions Members

The InArgumentExtensions type exposes the following members.

Methods

	Name	Description
	Get(T)	Gets the value of an argument or the default value if there is no expression

See Also

InArgumentExtensions Class

Microsoft.Activities.Extensions Namespace

InArgumentExtensions Methods

The InArgumentExtensions type exposes the following members.

Methods

	Name	Description
	Get(T)	Gets the value of an argument or the default value if there is no expression

See Also

InArgumentExtensions Class

Microsoft.Activities.Extensions Namespace

InArgumentExtensions.Get(*T*) Method

Gets the value of an argument or the default value if there is no expression

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static T Get<T>(
        this InArgument<T> argument,
        ActivityContext context,
        T defaultValue
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function Get(Of T) ( _
        argument As InArgument(Of T), _
        context As ActivityContext, _
        defaultValue As T _
) As T
```

Visual C++

```
public:
[ExtensionAttribute]
generic<typename T>
static T Get(
        InArgument<T>^ argument,
        ActivityContext^ context,
        T defaultValue
)
```

Parameters

argument
Type: System.Activities.InArgument(**T**)
The argument.

context
Type: System.Activities.ActivityContext
The context.

defaultValue
Type: **T**
The default value.

Type Parameters

T
The type of the argument

Return Value

the value of an argument or the default value if there is no expression

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type InArgument(**T**). When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

Examples

An activity that has an optional in argument

C# Copy

```
// ----------------------------------------------------
// <copyright file="ActivityWithOptionalArgs.cs" comp
//   Copyright (c) Microsoft Corporation. All rights
// </copyright>
// ----------------------------------------------------

using System.Activities;
using System.ComponentModel;

using Microsoft.Activities.Extensions;

/// <summary>
/// An activity with optional args
/// </summary>
// ReSharper disable CheckNamespace
public sealed class ActivityWithOptionalArgs : CodeAc
// ReSharper restore CheckNamespace
{
    #region Constants

    /// <summary>
    /// </summary>
    public const int DefaultOptionalValue = 1;

    #endregion

    // Prevent serialization of null value
    #region Public Properties

    /// <summary>
    /// Gets or sets OptionalArg.
```

```
    /// </summary>
    [DefaultValue(null)]
    public InArgument<int> OptionalArg { get; set; }

    /// <summary>
    /// Gets or sets RequiredArg.
    /// </summary>
    [RequiredArgument]
    public InArgument<string> RequiredArg { get; set;

    #endregion

    #region Methods

    /// <summary>
    /// When implemented in a derived class, performs
    /// </summary>
    /// <returns>
    /// The result of the activity's execution.
    /// </returns>
    /// <param name="context">The execution context u
    protected override string Execute(CodeActivityCon
    {
        var num = this.OptionalArg.Get(context, Defau

        return string.Format("{0}: {1}", this.Require
    }

    #endregion
}
```

See Also

InArgumentExtensions Class
InArgumentExtensions Members
Microsoft.Activities.Extensions Namespace

InputDictionary Class

The input dictionary.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class InputDictionary
```

Visual Basic

```
Public NotInheritable Class InputDictionary
```

Visual C++

```
public ref class InputDictionary abstract sealed
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.InputDictionary

See Also

InputDictionary Members

Microsoft.Activities.Extensions Namespace

InputDictionary Members

The InputDictionary type exposes the following members.

Methods

	Name	Description
	Create	Creates a dictionary of input arguments

See Also

InputDictionary Class

Microsoft.Activities.Extensions Namespace

InputDictionary Methods

The InputDictionary type exposes the following members.

Methods

	Name	Description
	Create	Creates a dictionary of input arguments

See Also

InputDictionary Class

Microsoft.Activities.Extensions Namespace

InputDictionary.Create Method

Creates a dictionary of input arguments

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static IDictionary<string, Object> Create(
        params Object[] values
)
```

Visual Basic

```
Public Shared Function Create ( _
        ParamArray values As Object() _
) As IDictionary(Of String, Object)
```

Visual C++

```
public:
static IDictionary<String^, Object^>^ Create(
        ... array<Object^>^ values
)
```

Parameters

values
Type: System.Object[]
The values.

Return Value

A dicationary of input arguments

Exceptions

Exception	Condition
System.ArgumentException	

See Also

InputDictionary Class

InputDictionary Members

Microsoft.Activities.Extensions Namespace

NativeActivityMetadataExtensions Class

Members See Also Send Feedback

Extensions to the NatvieActivityMetadata class

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class NativeActivityMetadataExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class NativeActivityMetadataEx
```

Visual C++

```
[ExtensionAttribute]
public ref class NativeActivityMetadataExtensions ab
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.NativeActivityMetadataExtensions

See Also

NativeActivityMetadataExtensions Members

Microsoft.Activities.Extensions Namespace

NativeActivityMetadataExtensions Members

The NativeActivityMetadataExtensions type exposes the following members.

Methods

	Name	Description
	AddAndBindArgument	Adds and binds and argument in one step

See Also

NativeActivityMetadataExtensions Class

Microsoft.Activities.Extensions Namespace

NativeActivityMetadataExtensions Methods

The NativeActivityMetadataExtensions type exposes the following members.

Methods

	Name	Description
	AddAndBindArgument	Adds and binds and argument in one step

See Also

NativeActivityMetadataExtensions Class

Microsoft.Activities.Extensions Namespace

NativeActivityMetadataExtensions.AddAndBindArgument Method

Adds and binds and argument in one step

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void AddAndBindArgument(
        this NativeActivityMetadata metadata,
        Argument binding,
        RuntimeArgument argument
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub AddAndBindArgument ( _
        metadata As NativeActivityMetadata, _
        binding As Argument, _
        argument As RuntimeArgument _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void AddAndBindArgument(
        NativeActivityMetadata metadata,
        Argument^ binding,
        RuntimeArgument^ argument
)
```

Parameters

metadata
Type: System.Activities.NativeActivityMetadata
The activity metadata

binding

Type: System.Activities.Argument
The argument to bind

argument
Type: System.Activities.RuntimeArgument
The runtime argument

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type NativeActivityMetadata. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

NativeActivityMetadataExtensions Class
NativeActivityMetadataExtensions Members
Microsoft.Activities.Extensions Namespace

Occurance Class

The date time ex.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class Occurance
```

Visual Basic

```
Public NotInheritable Class Occurance
```

Visual C++

```
public ref class Occurance abstract sealed
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.Occurance

See Also

Occurance Members

Microsoft.Activities.Extensions Namespace

Occurance Members

Occurance Class Methods See Also Send Feedback

Methods

	Name	Description
	Interval(TimeSpan)	Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.
	Interval(DateTime, TimeSpan)	Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.
	Interval(TimeSpan, IEnumerable(DayOfWeek))	Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.
	Interval(DateTime, TimeSpan, IEnumerable(DayOfWeek))	Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.
	Next(TimeSpan)	Returns the date and time of the next occurance from the specific time to the time on one the next matching day or the same day if no days are provided.
	Next(DateTime, TimeSpan)	Returns the date and time of the next occurance from the specific time to the time on one the next matching day or the same day if no days are provided.
	Next(DateTime, TimeSpan, IEnumerable(DayOfWeek))	Returns the date and time of the next occurance from the specific time to the time on one the next matching day or the same day if no days are provided.

See Also

Occurance Class

Microsoft.Activities.Extensions Namespace

Occurance Methods

Occurance Class See Also Send Feedback

Methods

	Name	Description
	Interval(TimeSpan)	Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.
	Interval(DateTime, TimeSpan)	Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.
	Interval(TimeSpan, IEnumerable(DayOfWeek))	Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.
	Interval(DateTime, TimeSpan, IEnumerable(DayOfWeek))	Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.
	Next(TimeSpan)	Returns the date and time of the next occurance from the specific time to the time on one the next matching day or the same day if no days are provided.
	Next(DateTime, TimeSpan)	Returns the date and time of the next occurance from the specific time to the time on one the next matching day or the same day if no days are provided.
	Next(DateTime, TimeSpan, IEnumerable(DayOfWeek))	Returns the date and time of the next occurance from the specific time to the time on one the next matching day or the same day if no days are provided.

See Also

Occurance Class

Microsoft.Activities.Extensions Namespace

Occurance.Interval Method

Occurance Class See Also Send Feedback

Overload List

	Name	Description
	Interval(TimeSpan)	Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.
	Interval(DateTime, TimeSpan)	Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.
	Interval(TimeSpan, IEnumerable(DayOfWeek))	Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.
	Interval(DateTime, TimeSpan, IEnumerable(DayOfWeek))	Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.

See Also

Occurance Class

Occurance Members

Microsoft.Activities.Extensions Namespace

Occurance.Interval Method (TimeSpan)

Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static TimeSpan Interval(
        TimeSpan occuranceTime
)
```

Visual Basic

```
Public Shared Function Interval ( _
        occuranceTime As TimeSpan _
) As TimeSpan
```

Visual C++

```
public:
static TimeSpan Interval(
        TimeSpan occuranceTime
)
```

Parameters

occuranceTime
Type: System.TimeSpan
The time of day for the occurence

Return Value

the timespan from now until the next occurance of the time on a given day.

Exceptions

Exception	Condition
System.ArgumentException	The time string is invalid

See Also

Occurance Class

Occurance Members

Interval Overload

Microsoft.Activities.Extensions Namespace

Occurance.Interval Method (DateTime, TimeSpan)

Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static TimeSpan Interval(
        DateTime fromTime,
        TimeSpan occuranceTime
)
```

Visual Basic

```
Public Shared Function Interval ( _
        fromTime As DateTime, _
        occuranceTime As TimeSpan _
) As TimeSpan
```

Visual C++

```
public:
static TimeSpan Interval(
        DateTime fromTime,
        TimeSpan occuranceTime
)
```

Parameters

fromTime
Type: System.DateTime
The from Time.

occuranceTime
Type: System.TimeSpan
The time of day for the occurence

Return Value

the timespan from now until the next occurance of the time on a given day.

Exceptions

Exception	Condition
System.ArgumentException	The time string is invalid

See Also

Occurance Class

Occurance Members

Interval Overload

Microsoft.Activities.Extensions Namespace

Occurance.Interval Method (TimeSpan, IEnumerable(DayOfWeek))

Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static TimeSpan Interval(
        TimeSpan occuranceTime,
        IEnumerable<DayOfWeek> occuranceDays
)
```

Visual Basic

```
Public Shared Function Interval ( _
        occuranceTime As TimeSpan, _
        occuranceDays As IEnumerable(Of DayOfWeek) _
) As TimeSpan
```

Visual C++

```
public:
static TimeSpan Interval(
        TimeSpan occuranceTime,
        IEnumerable<DayOfWeek>^ occuranceDays
)
```

Parameters

occuranceTime
Type: System.TimeSpan
The time of day for the occurence

occuranceDays
Type: System.Collections.Generic.IEnumerable(DayOfWeek)
A list of the days of the week when the time may occur.

Return Value

the timespan from now until the next occurance of the time on a given day.

Exceptions

Exception	Condition
System.ArgumentException	The time string is invalid

See Also

Occurance Class

Occurance Members

Interval Overload

Microsoft.Activities.Extensions Namespace

Occurance.Interval Method (DateTime, TimeSpan, IEnumerable(DayOfWeek))

Returns the interval from the specific time to the next occurance of the time on one the next matching day or the same day if no days are provided.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static TimeSpan Interval(
        DateTime fromTime,
        TimeSpan occuranceTime,
        IEnumerable<DayOfWeek> occuranceDays
)
```

Visual Basic

```
Public Shared Function Interval ( _
        fromTime As DateTime, _
        occuranceTime As TimeSpan, _
        occuranceDays As IEnumerable(Of DayOfWeek) _
) As TimeSpan
```

Visual C++

```
public:
static TimeSpan Interval(
        DateTime fromTime,
        TimeSpan occuranceTime,
        IEnumerable<DayOfWeek>^ occuranceDays
)
```

Parameters

fromTime
Type: System.DateTime
The from Time.

occuranceTime
Type: System.TimeSpan
The time of day for the occurence

occuranceDays
Type: System.Collections.Generic.IEnumerable(DayOfWeek)
A list of the days of the week when the time may occur.

Return Value

the timespan from now until the next occurance of the time on a given day.

Exceptions

Exception	Condition
System.ArgumentException	The time string is invalid

See Also

Occurance Class

Occurance Members

Interval Overload

Microsoft.Activities.Extensions Namespace

Occurance.Next Method

Occurance Class See Also Send Feedback

Overload List

	Name	Description
	Next(TimeSpan)	Returns the date and time of the next occurance from the specific time to the time on one the next matching day or the same day if no days are provided.
	Next(DateTime, TimeSpan)	Returns the date and time of the next occurance from the specific time to the time on one the next matching day or the same day if no days are provided.
	Next(DateTime, TimeSpan, IEnumerable(DayOfWeek))	Returns the date and time of the next occurance from the specific time to the time on one the next matching day or the same day if no days are provided.

See Also

Occurance Class

Occurance Members

Microsoft.Activities.Extensions Namespace

Occurance.Next Method (TimeSpan)

Returns the date and time of the next occurance from the specific time to the time on one the next matching day or the same day if no days are provided.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static DateTime Next(
        TimeSpan occuranceTime
)
```

Visual Basic

```
Public Shared Function Next ( _
        occuranceTime As TimeSpan _
) As DateTime
```

Visual C++

```
public:
static DateTime Next(
        TimeSpan occuranceTime
)
```

Parameters

occuranceTime
Type: System.TimeSpan
The time of day for the occurence

Return Value

the timespan from now until the next occurance of the time on a given day.

Exceptions

Exception	Condition
System.ArgumentException	The time string is invalid

See Also

Occurance Class

Occurance Members

Next Overload

Microsoft.Activities.Extensions Namespace

Occurance.Next Method (DateTime, TimeSpan)

Returns the date and time of the next occurance from the specific time to the time on one the next matching day or the same day if no days are provided.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static DateTime Next(
        DateTime fromTime,
        TimeSpan occuranceTime
)
```

Visual Basic

```
Public Shared Function Next ( _
        fromTime As DateTime, _
        occuranceTime As TimeSpan _
) As DateTime
```

Visual C++

```
public:
static DateTime Next(
        DateTime fromTime,
        TimeSpan occuranceTime
)
```

Parameters

fromTime
Type: System.DateTime
The from Time.

occuranceTime
Type: System.TimeSpan
The time of day for the occurence

Return Value

the timespan from now until the next occurance of the time on a given day.

Exceptions

Exception	Condition
System.ArgumentException	The time string is invalid

See Also

Occurance Class

Occurance Members

Next Overload

Microsoft.Activities.Extensions Namespace

Occurance.Next Method (DateTime, TimeSpan, IEnumerable(DayOfWeek))

Returns the date and time of the next occurance from the specific time to the time on one the next matching day or the same day if no days are provided.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static DateTime Next(
        DateTime fromTime,
        TimeSpan occuranceTime,
        IEnumerable<DayOfWeek> occuranceDays
)
```

Visual Basic

```
Public Shared Function Next ( _
        fromTime As DateTime, _
        occuranceTime As TimeSpan, _
        occuranceDays As IEnumerable(Of DayOfWeek) _
) As DateTime
```

Visual C++

```
public:
static DateTime Next(
        DateTime fromTime,
        TimeSpan occuranceTime,
        IEnumerable<DayOfWeek>^ occuranceDays
)
```

Parameters

fromTime
Type: System.DateTime
The from Time.

occuranceTime
Type: System.TimeSpan
The time of day for the occurence

occuranceDays
Type: System.Collections.Generic.IEnumerable(DayOfWeek)
A list of the days of the week when the time may occur.

Return Value

the timespan from now until the next occurance of the time on a given day.

Exceptions

Exception	Condition
System.ArgumentException	The time string is invalid

See Also

Occurance Class

Occurance Members

Next Overload

Microsoft.Activities.Extensions Namespace

OutputDictionary Class

The output dictionary.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class OutputDictionary
```

Visual Basic

```
Public Class OutputDictionary
```

Visual C++

```
public ref class OutputDictionary
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.OutputDictionary

See Also

OutputDictionary Members

Microsoft.Activities.Extensions Namespace

OutputDictionary Members

The OutputDictionary type exposes the following members.

Constructors

	Name	Description
	OutputDictionary	Initializes a new instance of the OutputDictionary class.

Methods

	Name	Description
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	Get(T)(String)	Gets a value from the output dictionary
	Get(T)(IDictionary(String, Object), String)	Gets a value from the output dictionary
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)

See Also

OutputDictionary Class

Microsoft.Activities.Extensions Namespace

OutputDictionary Constructor

Initializes a new instance of the OutputDictionary class.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public OutputDictionary(
        IDictionary<string, Object> dictionary
)
```

Visual Basic

```
Public Sub New ( _
        dictionary As IDictionary(Of String, Object)
)
```

Visual C++

```
public:
OutputDictionary(
        IDictionary<String^, Object^>^ dictionary
)
```

Parameters

dictionary
Type: System.Collections.Generic.IDictionary(String, Object)
The dictionary.

See Also

OutputDictionary Class

OutputDictionary Members

Microsoft.Activities.Extensions Namespace

OutputDictionary Methods

The OutputDictionary type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	Get(T)(String)	Gets a value from the output dictionary
	Get(T)(IDictionary(String, Object), String)	Gets a value from the output dictionary
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)

See Also

OutputDictionary Class

Microsoft.Activities.Extensions Namespace

OutputDictionary.Get Method

OutputDictionary Class See Also Send Feedback

Overload List

	Name	Description
	Get(T)(String)	Gets a value from the output dictionary
	Get(T)(IDictionary(String, Object), String)	Gets a value from the output dictionary

See Also

OutputDictionary Class

OutputDictionary Members

Microsoft.Activities.Extensions Namespace

OutputDictionary.Get(*T*) Method (String)

Gets a value from the output dictionary

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public T Get<T>(
        string name
)
```

Visual Basic

```
Public Function Get(Of T) ( _
        name As String _
) As T
```

Visual C++

```
public:
generic<typename T>
T Get(
        String^ name
)
```

Parameters

name
Type: System.String
The argument name.

Type Parameters

T
The type of the argument

Return Value

The dictionary value

Exceptions

Exception	Condition
System.ArgumentException	No value was found for name

See Also

OutputDictionary Class
OutputDictionary Members
Get Overload
Microsoft.Activities.Extensions Namespace

OutputDictionary.Get(*T*) Method (IDictionary(String, Object), String)

Gets a value from the output dictionary

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static T Get<T>(
        IDictionary<string, Object> dictionary,
        string name
)
```

Visual Basic

```
Public Shared Function Get(Of T) ( _
        dictionary As IDictionary(Of String, Object),
        name As String _
) As T
```

Visual C++

```
public:
generic<typename T>
static T Get(
        IDictionary<String^, Object^>^ dictionary,
        String^ name
)
```

Parameters

dictionary
Type: System.Collections.Generic.IDictionary(String, Object)
The dictionary.

name
Type: System.String
The argument name.

Type Parameters

T
The type of the argument

Return Value

The dictionary value

Exceptions

Exception	Condition
System.ArgumentException	No value was found for name

See Also

OutputDictionary Class
OutputDictionary Members
Get Overload
Microsoft.Activities.Extensions Namespace

StrictXamlHelper Class

Provides helper methods that will apply normal CLR rules for assembly resolution when loading XAML

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class StrictXamlHelper
```

Visual Basic

```
Public NotInheritable Class StrictXamlHelper
```

Visual C++

```
public ref class StrictXamlHelper abstract sealed
```

Remarks

The standard _XamlStaticHelper class generated by the XamlAppDef build task does not apply standard CLR rules when loading assemblies referenced by XAML. For more details see http://blogs.msdn.com/b/rjacobs/archive/2011/01/07/wf4-spike-activity-versioning-gac-and-loose-xaml.aspx For an example of how to use this class see the XAMLAssemblyResolution Example under the Examples folder

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.StrictXamlHelper

See Also

StrictXamlHelper Members

Microsoft.Activities.Extensions Namespace

StrictXamlHelper Members

The StrictXamlHelper type exposes the following members.

Methods

	Name	Description
	ActivityLoad	Loads loose XAML and pre-loads the assemblies to ensure correct CLR binding
	InitializeComponent(T)	Initializes the Component with strict assembly resolution rules

Properties

	Name	Description
	StandardCSharpReferencedAssemblies	Gets the standard list of referenced assemblies for C# projects.
	StandardVBReferencedAssemblies	Gets the standard list of referenced assemblies for VB projects.

See Also

StrictXamlHelper Class

Microsoft.Activities.Extensions Namespace

StrictXamlHelper Methods

The StrictXamlHelper type exposes the following members.

Methods

	Name	Description
	ActivityLoad	Loads loose XAML and pre-loads the assemblies to ensure correct CLR binding
	InitializeComponent(T)	Initializes the Component with strict assembly resolution rules

See Also

StrictXamlHelper Class

Microsoft.Activities.Extensions Namespace

StrictXamlHelper.ActivityLoad Method

Loads loose XAML and pre-loads the assemblies to ensure correct CLR binding

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Activity ActivityLoad(
        string activityXaml,
        IList<string> assemblies
)
```

Visual Basic

```
Public Shared Function ActivityLoad ( _
        activityXaml As String, _
        assemblies As IList(Of String) _
) As Activity
```

Visual C++

```
public:
static Activity^ ActivityLoad(
        String^ activityXaml,
        IList<String^>^ assemblies
)
```

Parameters

activityXaml
Type: System.String
The activity xaml.

assemblies
Type: System.Collections.Generic.IList(String)
The assemblies.

Return Value

A DynamicActivity

Remarks

ActivityXamlServices.Load will load referenced assemblies using only the assembly name found in the XAML file. The default behavior stores only partial names for references. This means that when the assembly is loaded it will load with a partial name which could result in an unexpected version or entirely different assembly being loaded. As an alternative you can use the <qualifyAssembly> element in your config file to ensure the correct assembly is loaded

Examples

A class that runs loose XAML with an XamlAssemblyResolutionOption

C# Copy

```
// ----------------------------------------------------
// <copyright file="LooseXamlExample.cs" company="Mic
//   Copyright (c) Microsoft Corporation. All rights
// </copyright>
// ----------------------------------------------------

using System;
using System.Activities;
using System.Activities.XamlIntegration;
using System.Collections.Generic;
using System.IO;
using System.Reflection;
using System.Xaml;

using Microsoft.Activities.Extensions;

/// <summary>
/// Loose XAML Example
/// </summary>
// ReSharper disable CheckNamespace
public class LooseXamlExample
// ReSharper restore CheckNamespace
{
    #region Public Methods and Operators

    /// <summary>
    /// Returns a list of assemblies
    /// </summary>
    /// <returns>
    /// The list of assemblies
    /// </returns>
```

```
    public static IList<string> GetWorkflowLooseRefer
    {
        // Create a list of activities you want to re
        var list = new List<string>
            {
                "ActivityLibrary1, Version=1.0.0.0, C
                Assembly.GetExecutingAssembly().GetNa
            };

        // Add the standard list of references
        list.AddRange(StrictXamlHelper.StandardCSharp
        return list;
    }

    /// <summary>
    /// Invokes the loose xaml
    /// </summary>
    /// <param name="resolutionOption">
    /// The resolution option.
    /// </param>
    /// <exception cref="ArgumentOutOfRangeException"
    /// The option is unknown
    /// </exception>
    public static void InvokeLooseXaml(XamlAssemblyRe
    {
        Console.WriteLine();
        Console.WriteLine("Loose XAML");
        try
        {
            switch (resolutionOption)
            {
                case XamlAssemblyResolutionOption.Ver
                    WorkflowInvoker.Invoke(ActivityXa
                    break;
                case XamlAssemblyResolutionOption.Ful

                    // This will ensure the correct a
```

```
                    WorkflowInvoker.Invoke(
                        StrictXamlHelper.ActivityLoad
                    break;
                default:
                    throw new ArgumentOutOfRangeExcep
            }
        }
        catch (XamlObjectWriterException ex)
        {
            Console.WriteLine("Error loading loose xa
        }
        catch (FileNotFoundException fileNotFoundExce
        {
            Console.WriteLine("Could not find assembl
        }
        catch (FileLoadException fileLoadException)
        {
            Console.WriteLine("Could not load assembl
        }
    }

    #endregion
}
```

See Also

StrictXamlHelper Class

StrictXamlHelper Members

Microsoft.Activities.Extensions Namespace

StrictXamlHelper.InitializeComponent(*T*) Method

Initializes the Component with strict assembly resolution rules

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static bool InitializeComponent<T>(
        T component,
        string resourceName,
        IList<string> assemblies
)
where T : Activity
```

Visual Basic

```
Public Shared Function InitializeComponent(Of T As Ac
        component As T, _
        resourceName As String, _
        assemblies As IList(Of String) _
) As Boolean
```

Visual C++

```
public:
generic<typename T>
where T : Activity
static bool InitializeComponent(
        T component,
        String^ resourceName,
        IList<String^>^ assemblies
)
```

Parameters

component
Type: **T**
The component.

resourceName
Type: System.String
The resource Name.

assemblies
Type: System.Collections.Generic.IList(String)
The referenced assemblies.

Type Parameters

T
The type of activity you are initializing

Return Value

true if content loaded

Remarks

The InitializeComponent method generated by the XamlAppDef build task uses a version independent loading strategy for referenced assemblies. This helper method will ensure that only assemblies provided in the *assemblies* list will be loaded.

Examples

A overloaded constructor that accepts a XamlAssemblyResolutionOption

C# Copy

```
// ----------------------------------------------------
// <copyright file="WorkflowCompiled.cs" company="Mic
//   Copyright (c) Microsoft Corporation. All rights
// </copyright>
// ----------------------------------------------------

using System.Collections.Generic;
using System.Reflection;

using Microsoft.Activities.Extensions;

/// <summary>
/// The WorkflowCompiled class
/// </summary>
// ReSharper disable CheckNamespace
public partial class WorkflowCompiled
    // ReSharper restore CheckNamespace
{
    #region Constructors and Destructors

    /// <summary>
    /// Initializes a new instance of the <see cref="
    /// </summary>
    /// <param name="assemblyResolutionOption">
    /// The assembly resolution option.
    /// </param>
    public WorkflowCompiled(XamlAssemblyResolutionOpt
    {
        switch (assemblyResolutionOption)
        {
            case XamlAssemblyResolutionOption.Version
```

```
                this.InitializeComponent();
                break;
            case XamlAssemblyResolutionOption.FullNam
                StrictXamlHelper.InitializeComponent(
                break;
        }
    }

    #endregion

    #region Public Properties

    /// <summary>
    /// Gets ReferencedAssemblies.
    /// </summary>
    public static IList<string> ReferencedAssemblies
    {
        get
        {
            // Create a list of activities you want t
            // You must add the currently executing a
            var list = new List<string>
                {
                    "ActivityLibrary1, Version=1.0.0.
                    Assembly.GetExecutingAssembly().G
                };

            // Add the standard list of references
            list.AddRange(StrictXamlHelper.StandardCS
            return list;
        }
    }

    #endregion
}
```

See Also

StrictXamlHelper Class

StrictXamlHelper Members

Microsoft.Activities.Extensions Namespace

StrictXamlHelper Properties

The StrictXamlHelper type exposes the following members.

Properties

	Name	Description
	StandardCSharpReferencedAssemblies	Gets the standard list of referenced assemblies for C# projects.
	StandardVBReferencedAssemblies	Gets the standard list of referenced assemblies for VB projects.

See Also

StrictXamlHelper Class

Microsoft.Activities.Extensions Namespace

StrictXamlHelper.StandardCSharpReferencedAssemblies Property

Gets the standard list of referenced assemblies for C# projects.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static IEnumerable<string> StandardCSharpRefe
```

Visual Basic

```
Public Shared ReadOnly Property StandardCSharpRefere
        Get
```

Visual C++

```
public:
static property IEnumerable<String^>^ StandardCSharpI
        IEnumerable<String^>^ get ();
}
```

Remarks

Workflows typically reference a standard list of assemblies. This list will make it easier to create a reference list by combining the two

Examples

ReferencedAssemblies property that adds the StandardReferencedAssemblies collection to it's own

C# Copy

```
// ----------------------------------------------------
// <copyright file="WorkflowCompiled.cs" company="Mic
//   Copyright (c) Microsoft Corporation. All rights
// </copyright>
// ----------------------------------------------------

using System.Collections.Generic;
using System.Reflection;

using Microsoft.Activities.Extensions;

/// <summary>
/// The WorkflowCompiled class
/// </summary>
// ReSharper disable CheckNamespace
public partial class WorkflowCompiled
    // ReSharper restore CheckNamespace
{
    #region Constructors and Destructors

    /// <summary>
    /// Initializes a new instance of the <see cref="
    /// </summary>
    /// <param name="assemblyResolutionOption">
    /// The assembly resolution option.
    /// </param>
    public WorkflowCompiled(XamlAssemblyResolutionOpt
    {
        switch (assemblyResolutionOption)
        {
```

```
            case XamlAssemblyResolutionOption.Version
                this.InitializeComponent();
                break;
            case XamlAssemblyResolutionOption.FullNam
                StrictXamlHelper.InitializeComponent(
                break;
        }
    }

    #endregion

    #region Public Properties

    /// <summary>
    /// Gets ReferencedAssemblies.
    /// </summary>
    public static IList<string> ReferencedAssemblies
    {
        get
        {
            // Create a list of activities you want t
            // You must add the currently executing a
            var list = new List<string>
                {
                    "ActivityLibrary1, Version=1.0.0.
                    Assembly.GetExecutingAssembly().G
                };

            // Add the standard list of references
            list.AddRange(StrictXamlHelper.StandardCS
            return list;
        }
    }

    #endregion
}
```

See Also

StrictXamlHelper Class

StrictXamlHelper Members

Microsoft.Activities.Extensions Namespace

StrictXamlHelper.StandardVBReferencedAssemblies Property

Gets the standard list of referenced assemblies for VB projects.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static IEnumerable<string> StandardVBReferenc
```

Visual Basic

```
Public Shared ReadOnly Property StandardVBReferencedA
        Get
```

Visual C++

```
public:
static property IEnumerable<String^>^ StandardVBRefe
        IEnumerable<String^>^ get ();
}
```

Remarks

Workflows typically reference a standard list of assemblies. This list will make it easier to create a reference list by combining the two

See Also

StrictXamlHelper Class

StrictXamlHelper Members

Microsoft.Activities.Extensions Namespace

WorkflowAbortedEpisodeResult Class

The workflow episode result.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class WorkflowAbortedEpisodeResult : WorkflowI
```

Visual Basic

```
Public Class WorkflowAbortedEpisodeResult _
        Inherits WorkflowEpisodeResult
```

Visual C++

```
public ref class WorkflowAbortedEpisodeResult : publi
```

Inheritance Hierarchy

System.Object
  Microsoft.Activities.Extensions.WorkflowEpisodeResult
    Microsoft.Activities.Extensions.WorkflowAbortedEpisodeResult

See Also

WorkflowAbortedEpisodeResult Members

Microsoft.Activities.Extensions Namespace

WorkflowAbortedEpisodeResult Members

The WorkflowAbortedEpisodeResult type exposes the following members.

Constructors

	Name	Description
	WorkflowAbortedEpisodeResult	Initializes a new instance of the WorkflowAbortedEpisodeResult class.

Methods

	Name	Description
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)

Properties

	Name	Description
	InstanceId	Gets or sets InstanceId. (Inherited from WorkflowEpisodeResult.)
	Reason	Gets Reason.
	State	Gets State (Inherited from WorkflowEpisodeResult.)

See Also

WorkflowAbortedEpisodeResult Class

Microsoft.Activities.Extensions Namespace

WorkflowAbortedEpisodeResult Constructor

Initializes a new instance of the WorkflowAbortedEpisodeResult class.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowAbortedEpisodeResult(
        WorkflowApplicationAbortedEventArgs args,
        Guid instanceId
)
```

Visual Basic

```
Public Sub New ( _
        args As WorkflowApplicationAbortedEventArgs,
        instanceId As Guid _
)
```

Visual C++

```
public:
WorkflowAbortedEpisodeResult(
        WorkflowApplicationAbortedEventArgs^ args,
        Guid instanceId
)
```

Parameters

args
Type: System.Activities.WorkflowApplicationAbortedEventArgs
The event args.

instanceId
Type: System.Guid
The instance Id.

See Also

WorkflowAbortedEpisodeResult Class
WorkflowAbortedEpisodeResult Members
Microsoft.Activities.Extensions Namespace

WorkflowAbortedEpisodeResult Methods

The WorkflowAbortedEpisodeResult type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)

See Also

WorkflowAbortedEpisodeResult Class

Microsoft.Activities.Extensions Namespace

WorkflowAbortedEpisodeResult Properties

The WorkflowAbortedEpisodeResult type exposes the following members.

Properties

	Name	Description
	InstanceId	Gets or sets InstanceId. (Inherited from WorkflowEpisodeResult.)
	Reason	Gets Reason.
	State	Gets State (Inherited from WorkflowEpisodeResult.)

See Also

WorkflowAbortedEpisodeResult Class

Microsoft.Activities.Extensions Namespace

WorkflowAbortedEpisodeResult.Reason Property

Gets Reason.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Exception Reason { get; internal set; }
```

Visual Basic

```
Public Property Reason As Exception
        Get
        Friend Set
```

Visual C++

```
public:
property Exception^ Reason {
        Exception^ get ();
        internal: void set (Exception^ value);
}
```

See Also

WorkflowAbortedEpisodeResult Class
WorkflowAbortedEpisodeResult Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions Class

The workflow application extensions.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class WorkflowApplicationExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class WorkflowApplicationExtens
```

Visual C++

```
[ExtensionAttribute]
public ref class WorkflowApplicationExtensions abstra
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.WorkflowApplicationExtensions

See Also

WorkflowApplicationExtensions Members

Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions Members

The WorkflowApplicationExtensions type exposes the following members.

Methods

	Name	Description
	CancelAsync(WorkflowApplication)	Async Task to C the workflow
	CancelAsync(WorkflowApplication, TimeSpan)	Async Task to C the workflow
	ContainsBookmark(WorkflowApplication, String)	Extension meth which determin the bookmark collection conta bookmark with bookmark nam
	ContainsBookmark(WorkflowApplication, String, TimeSpan)	Extension meth which determin the bookmark collection conta bookmark with bookmark nam
	GetBookmarkNames(WorkflowApplication)	Gets a list of bookmark nam
	GetBookmarkNames(WorkflowApplication, TimeSpan)	Gets a list of bookmark nam
	GetSingletonExtensions	Gets a readonly collection of singleton exten
	IsAborted	Gets a value tha determines if a workflow has a
	IsHandlerThread	Gets a value tha determines if a workflow is in handler thread
	IsInitialized	Gets a value tha determines if a WorkflowAppli

		is initialized
	IsReadOnly	Gets a value tha determines if a workflow is in handler thread
	LoadAsync(WorkflowApplication, Guid)	Wraps the Begi / EndLoad asyn methods in a ta
	LoadAsync(WorkflowApplication, Guid, TimeSpan)	Wraps the Begi / EndLoad asyn methods in a ta
	ResumeEpisodeBookmark(WorkflowApplication, String)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, TimeSpan)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Creates a task t will resume a bookmark and r the workflow u the activity is C

		Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, String)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, TimeSpan)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, String, TimeSpan)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout

	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, String)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, CancellationToken)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, String, CancellationToken)	Creates a task t will resume a bookmark and r

		the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, String, TimeSpan)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan, CancellationToken)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, String, TimeSpan, CancellationToken)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	RunEpisode(WorkflowApplication)	Runs a workflo until the activity Closed, Faulted or Timeout
	RunEpisode(WorkflowApplication, UnhandledExceptionAction)	Runs a workflo until the activity Closed, Faulted or Timeout
	RunEpisode(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Returns a task t runs a workflov episode
	RunEpisode(WorkflowApplication, String)	Returns a task t

		runs a workflov episode
	RunEpisode(WorkflowApplication, TimeSpan)	Runs a workflo until the activit Closed, Faulted or Timeout
	RunEpisode(WorkflowApplication, UnhandledExceptionAction, TimeSpan)	Runs a workflo until the activit Closed, Faulted or Timeout
	RunEpisode(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan)	Returns a task t runs a workflov episode
	RunEpisode(WorkflowApplication, String, UnhandledExceptionAction)	Returns a task t runs a workflov episode
	RunEpisode(WorkflowApplication, String, TimeSpan)	Returns a task t runs a workflov episode
	RunEpisode(WorkflowApplication, String, UnhandledExceptionAction, TimeSpan)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication)	Runs a workflo until the activit Closed, Faulted or Timeout
	RunEpisodeAsync(WorkflowApplication, UnhandledExceptionAction)	Runs a workflo until the activit Closed, Faulted or Timeout
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String)	Returns a task t runs a workflov episode

	RunEpisodeAsync(WorkflowApplication, CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, TimeSpan)	Runs a workflo until the activity Closed, Faulted or Timeout
	RunEpisodeAsync(WorkflowApplication, UnhandledExceptionAction, CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, UnhandledExceptionAction, TimeSpan)	Runs a workflo until the activity Closed, Faulted or Timeout
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String, UnhandledExceptionAction)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String, CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String, TimeSpan)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, UnhandledExceptionAction, TimeSpan, CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction, CancellationToken)	Returns a task t runs a workflov episode

	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction, TimeSpan)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String, UnhandledExceptionAction, CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String, UnhandledExceptionAction, TimeSpan)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String, TimeSpan, CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction, TimeSpan, CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String, UnhandledExceptionAction, TimeSpan, CancellationToken)	Returns a task t runs a workflov episode

See Also

WorkflowApplicationExtensions Class

Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions Methods

The WorkflowApplicationExtensions type exposes the following members.

Methods

	Name	Description
	CancelAsync(WorkflowApplication)	Async Task to C the workflow
	CancelAsync(WorkflowApplication, TimeSpan)	Async Task to C the workflow
	ContainsBookmark(WorkflowApplication, String)	Extension meth which determin the bookmark collection conta bookmark with bookmark nam
	ContainsBookmark(WorkflowApplication, String, TimeSpan)	Extension meth which determin the bookmark collection conta bookmark with bookmark nam
	GetBookmarkNames(WorkflowApplication)	Gets a list of bookmark nam
	GetBookmarkNames(WorkflowApplication, TimeSpan)	Gets a list of bookmark nam
	GetSingletonExtensions	Gets a readonly collection of singleton exten
	IsAborted	Gets a value tha determines if a workflow has a
	IsHandlerThread	Gets a value tha determines if a workflow is in handler thread
	IsInitialized	Gets a value tha determines if a WorkflowAppli

		is initialized
	IsReadOnly	Gets a value tha determines if a workflow is in handler thread
	LoadAsync(WorkflowApplication, Guid)	Wraps the Begi / EndLoad asyn methods in a ta
	LoadAsync(WorkflowApplication, Guid, TimeSpan)	Wraps the Begi / EndLoad asyn methods in a ta
	ResumeEpisodeBookmark(WorkflowApplication, String)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, TimeSpan)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Creates a task t will resume a bookmark and r the workflow u the activity is C

		Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, String)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, TimeSpan)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, String, TimeSpan)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout

	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, String)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, CancellationToken)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, String, CancellationToken)	Creates a task t will resume a bookmark and r

		the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, String, TimeSpan)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan, CancellationToken)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, String, TimeSpan, CancellationToken)	Creates a task t will resume a bookmark and r the workflow u the activity is C Faulted, Idle or Timeout
	RunEpisode(WorkflowApplication)	Runs a workflo until the activity Closed, Faulted or Timeout
	RunEpisode(WorkflowApplication, UnhandledExceptionAction)	Runs a workflo until the activity Closed, Faulted or Timeout
	RunEpisode(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Returns a task t runs a workflov episode
	RunEpisode(WorkflowApplication, String)	Returns a task t

		runs a workflov episode
	RunEpisode(WorkflowApplication, TimeSpan)	Runs a workflo until the activit Closed, Faulted or Timeout
	RunEpisode(WorkflowApplication, UnhandledExceptionAction, TimeSpan)	Runs a workflo until the activit Closed, Faulted or Timeout
	RunEpisode(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan)	Returns a task t runs a workflov episode
	RunEpisode(WorkflowApplication, String, UnhandledExceptionAction)	Returns a task t runs a workflov episode
	RunEpisode(WorkflowApplication, String, TimeSpan)	Returns a task t runs a workflov episode
	RunEpisode(WorkflowApplication, String, UnhandledExceptionAction, TimeSpan)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication)	Runs a workflo until the activit Closed, Faulted or Timeout
	RunEpisodeAsync(WorkflowApplication, UnhandledExceptionAction)	Runs a workflo until the activit Closed, Faulted or Timeout
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String)	Returns a task t runs a workflov episode

	RunEpisodeAsync(WorkflowApplication, CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, TimeSpan)	Runs a workflo until the activity Closed, Faulted or Timeout
	RunEpisodeAsync(WorkflowApplication, UnhandledExceptionAction, CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, UnhandledExceptionAction, TimeSpan)	Runs a workflo until the activity Closed, Faulted or Timeout
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String, UnhandledExceptionAction)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String, CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String, TimeSpan)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, UnhandledExceptionAction, TimeSpan, CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction, CancellationToken)	Returns a task t runs a workflov episode

	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction, TimeSpan)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String, UnhandledExceptionAction, CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String, UnhandledExceptionAction, TimeSpan)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String, TimeSpan, CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction, TimeSpan, CancellationToken)	Returns a task t runs a workflov episode
	RunEpisodeAsync(WorkflowApplication, String, UnhandledExceptionAction, TimeSpan, CancellationToken)	Returns a task t runs a workflov episode

See Also

WorkflowApplicationExtensions Class

Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.CancelAsync Method

Overload List

	Name	Description
	CancelAsync(WorkflowApplication)	Async Task to Cancel the workflow
	CancelAsync(WorkflowApplication, TimeSpan)	Async Task to Cancel the workflow

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.CancelAsync Method (WorkflowApplication)

Async Task to Cancel the workflow

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task CancelAsync(
        this WorkflowApplication workflowApplication
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function CancelAsync ( _
        workflowApplication As WorkflowApplication _
) As Task
```

Visual C++

```
public:
[ExtensionAttribute]
static Task^ CancelAsync(
        WorkflowApplication^ workflowApplication
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

Return Value

A Task to Cancel the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
CancelAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.CancelAsync Method (WorkflowApplication, TimeSpan)

Async Task to Cancel the workflow

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task CancelAsync(
        this WorkflowApplication workflowApplication,
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function CancelAsync ( _
        workflowApplication As WorkflowApplication, _
        timeout As TimeSpan _
) As Task
```

Visual C++

```
public:
[ExtensionAttribute]
static Task^ CancelAsync(
        WorkflowApplication^ workflowApplication,
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

timeout
Type: System.TimeSpan
The timeout.

Return Value

A Task to Cancel the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
CancelAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ContainsBookmark Method

Overload List

	Name	Description
	ContainsBookmark(WorkflowApplication, String)	Extension method which determines if the bookmark collection contains a bookmark with the bookmark name
	ContainsBookmark(WorkflowApplication, String, TimeSpan)	Extension method which determines if the bookmark collection contains a bookmark with the bookmark name

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ContainsBookmark Method (WorkflowApplication, String)

Extension method which determines if the bookmark collection contains a bookmark with the bookmark name

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static bool ContainsBookmark(
        this WorkflowApplication workflowApplication,
        string bookmarkName
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ContainsBookmark ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String _
) As Boolean
```

Visual C++

```
public:
[ExtensionAttribute]
static bool ContainsBookmark(
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

Return Value

true if there is a bookmark with *bookmarkName*

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ContainsBookmark Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ContainsBookmark Method (WorkflowApplication, String, TimeSpan)

Extension method which determines if the bookmark collection contains a bookmark with the bookmark name

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static bool ContainsBookmark(
        this WorkflowApplication workflowApplication,
        string bookmarkName,
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ContainsBookmark ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        timeout As TimeSpan _
) As Boolean
```

Visual C++

```
public:
[ExtensionAttribute]
static bool ContainsBookmark(
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName

Type: System.String
The bookmark name.

timeout
Type: System.TimeSpan
The interval in which this method must complete before the operation is canceled and a TimeoutException is thrown.

Return Value

true if there is a bookmark with *bookmarkName*

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ContainsBookmark Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.GetBookmarkNames Method

Overload List

	Name	Description
	GetBookmarkNames(WorkflowApplication)	Gets a list of bookmark names
	GetBookmarkNames(WorkflowApplication, TimeSpan)	Gets a list of bookmark names

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.GetBookmarkNames Method (WorkflowApplication)

Gets a list of bookmark names

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static IEnumerable<string> GetBookmarkNames(
        this WorkflowApplication workflowApplication
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function GetBookmarkNames ( _
        workflowApplication As WorkflowApplication _
) As IEnumerable(Of String)
```

Visual C++

```
public:
[ExtensionAttribute]
static IEnumerable<String^>^ GetBookmarkNames(
        WorkflowApplication^ workflowApplication
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

Return Value

The list of bookmarks

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
GetBookmarkNames Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.GetBookmarkNames Method (WorkflowApplication, TimeSpan)

Gets a list of bookmark names

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static IEnumerable<string> GetBookmarkNames(
        this WorkflowApplication workflowApplication,
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function GetBookmarkNames ( _
        workflowApplication As WorkflowApplication, _
        timeout As TimeSpan _
) As IEnumerable(Of String)
```

Visual C++

```
public:
[ExtensionAttribute]
static IEnumerable<String^>^ GetBookmarkNames(
        WorkflowApplication^ workflowApplication,
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

timeout
Type: System.TimeSpan
The interval in which this method must complete before the operation is canceled and a TimeoutException is thrown.

Return Value

The list of bookmarks

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
GetBookmarkNames Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.GetSingletonExtensions Method

Gets a readonly collection of singleton extensions

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static ICollection<Object> GetSingletonExtens
        this WorkflowApplication workflowApplication
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function GetSingletonExtensions ( _
        workflowApplication As WorkflowApplication _
) As ICollection(Of Object)
```

Visual C++

```
public:
[ExtensionAttribute]
static ICollection<Object^>^ GetSingletonExtensions(
        WorkflowApplication^ workflowApplication
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

Return Value

a readonly collection of singleton extensions

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.IsAborted Method

Gets a value that determines if a workflow has aborted

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static bool IsAborted(
        this WorkflowApplication workflowApplication
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function IsAborted ( _
        workflowApplication As WorkflowApplication _
) As Boolean
```

Visual C++

```
public:
[ExtensionAttribute]
static bool IsAborted(
        WorkflowApplication^ workflowApplication
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

Return Value

true if the workflow has aborted, false if not

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.IsHandlerThread Method

Gets a value that determines if a workflow is in a handler thread

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static bool IsHandlerThread(
        this WorkflowApplication workflowApplication
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function IsHandlerThread ( _
        workflowApplication As WorkflowApplication _
) As Boolean
```

Visual C++

```
public:
[ExtensionAttribute]
static bool IsHandlerThread(
        WorkflowApplication^ workflowApplication
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

Return Value

true if in a handler thread

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.IsInitialized Method

Gets a value that determines if a WorkflowApplication is initialized

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static bool IsInitialized(
        this WorkflowApplication workflowApplication
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function IsInitialized ( _
        workflowApplication As WorkflowApplication _
) As Boolean
```

Visual C++

```
public:
[ExtensionAttribute]
static bool IsInitialized(
        WorkflowApplication^ workflowApplication
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

Return Value

true if the workflow has aborted, false if not

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.IsReadOnly Method

Gets a value that determines if a workflow is in a handler thread

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static bool IsReadOnly(
        this WorkflowApplication workflowApplication
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function IsReadOnly ( _
        workflowApplication As WorkflowApplication _
) As Boolean
```

Visual C++

```
public:
[ExtensionAttribute]
static bool IsReadOnly(
        WorkflowApplication^ workflowApplication
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

Return Value

true if in a handler thread

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.LoadAsync Method

Overload List

	Name	Description
	LoadAsync(WorkflowApplication, Guid)	Wraps the BeginLoad / EndLoad async methods in a task
	LoadAsync(WorkflowApplication, Guid, TimeSpan)	Wraps the BeginLoad / EndLoad async methods in a task

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.LoadAsync Method (WorkflowApplication, Guid)

Wraps the BeginLoad / EndLoad async methods in a task

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task LoadAsync(
        this WorkflowApplication host,
        Guid instanceId
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function LoadAsync ( _
        host As WorkflowApplication, _
        instanceId As Guid _
) As Task
```

Visual C++

```
public:
[ExtensionAttribute]
static Task^ LoadAsync(
        WorkflowApplication^ host,
        Guid instanceId
)
```

Parameters

host
Type: System.Activities.WorkflowApplication
The WorkflowApplication

instanceId
Type: System.Guid
The instance ID

Return Value

A Task that will load the WorkflowApplication from the instance store

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
LoadAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.LoadAsync Method (WorkflowApplication, Guid, TimeSpan)

Wraps the BeginLoad / EndLoad async methods in a task

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task LoadAsync(
        this WorkflowApplication host,
        Guid instanceId,
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function LoadAsync ( _
        host As WorkflowApplication, _
        instanceId As Guid, _
        timeout As TimeSpan _
) As Task
```

Visual C++

```
public:
[ExtensionAttribute]
static Task^ LoadAsync(
        WorkflowApplication^ host,
        Guid instanceId,
        TimeSpan timeout
)
```

Parameters

host
Type: System.Activities.WorkflowApplication
The WorkflowApplication

instanceId

Type: System.Guid
The instance ID

timeout
Type: System.TimeSpan
The load timeout

Return Value

A Task that will load the WorkflowApplication from the instance store

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
LoadAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmark Method

Overload List

	Name	Description
	ResumeEpisodeBookmark(WorkflowApplication, String)	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object)	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, TimeSpan)	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, String)	Creates a task that will resume

		a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, TimeSpan)	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan)	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout
	ResumeEpisodeBookmark(WorkflowApplication, String, Object, String, TimeSpan)	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmark Method (WorkflowApplication, String)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult ResumeEpisodeBool
        this WorkflowApplication workflowApplication,
        string bookmarkName
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmark ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ ResumeEpisodeBookmark(
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmark Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmark Method (WorkflowApplication, String, Object)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult ResumeEpisodeBool
        this WorkflowApplication workflowApplication,
        string bookmarkName,
        Object value
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmark ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ ResumeEpisodeBookmark(
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName

Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmark Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmark Method (WorkflowApplication, String, TimeSpan)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult ResumeEpisodeBool
        this WorkflowApplication workflowApplication,
        string bookmarkName,
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmark ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        timeout As TimeSpan _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ ResumeEpisodeBookmark(
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName

Type: System.String
The bookmark name.

timeout
Type: System.TimeSpan
The timeout

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmark Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmark Method (WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult ResumeEpisodeBoo
        this WorkflowApplication workflowApplication
        string bookmarkName,
        Object value,
        Func<WorkflowApplicationIdleEventArgs, strin
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmark ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object, _
        idleEventCallback As Func(Of WorkflowApplica
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ ResumeEpisodeBookmark(
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value,
        Func<WorkflowApplicationIdleEventArgs^, Stri
)
```

Parameters

workflowApplication

Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle Event Callback.

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmark Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmark Method (WorkflowApplication, String, Object, String)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult ResumeEpisodeBoo
        this WorkflowApplication workflowApplication
        string bookmarkName,
        Object value,
        string waitForBookmarkName
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmark ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object, _
        waitForBookmarkName As String _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ ResumeEpisodeBookmark(
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value,
        String^ waitForBookmarkName
)
```

Parameters

workflowApplication

Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

waitForBookmarkName
Type: System.String
The wait For Bookmark Name.

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmark Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmark Method (WorkflowApplication, String, Object, TimeSpan)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult ResumeEpisodeBoo
        this WorkflowApplication workflowApplication
        string bookmarkName,
        Object value,
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmark ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object, _
        timeout As TimeSpan _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ ResumeEpisodeBookmark(
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value,
        TimeSpan timeout
)
```

Parameters

workflowApplication

Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

timeout
Type: System.TimeSpan
The timeout

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmark Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmark Method (WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult ResumeEpisodeBoo
        this WorkflowApplication workflowApplication
        string bookmarkName,
        Object value,
        Func<WorkflowApplicationIdleEventArgs, strin
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmark ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object, _
        idleEventCallback As Func(Of WorkflowApplica
        timeout As TimeSpan _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ ResumeEpisodeBookmark(
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value,
        Func<WorkflowApplicationIdleEventArgs^, Stri
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle Event Callback.

timeout
Type: System.TimeSpan
The timeout.

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmark Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmark Method (WorkflowApplication, String, Object, String, TimeSpan)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult ResumeEpisodeBoo
        this WorkflowApplication workflowApplication
        string bookmarkName,
        Object value,
        string waitForBookmarkName,
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmark ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object, _
        waitForBookmarkName As String, _
        timeout As TimeSpan _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ ResumeEpisodeBookmark(
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value,
        String^ waitForBookmarkName,
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

waitForBookmarkName
Type: System.String
The wait For Bookmark Name.

timeout
Type: System.TimeSpan
The timeout.

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmark Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmarkAsync Method

WorkflowApplicationExtensions Class See Also Send Feedback

Overload List

	Name	Description
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String)	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object)	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted,

		Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, String)	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, CancellationToken)	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan)	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, String, CancellationToken)	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, String, TimeSpan)	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan, CancellationToken)	Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout
	ResumeEpisodeBookmarkAsync(WorkflowApplication, String, Object, String, TimeSpan, CancellationToken)	Creates a task that

			will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmarkAsync Method (WorkflowApplication, String)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> ResumeEpis
        this WorkflowApplication workflowApplication
        string bookmarkName
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmarkAsync ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ ResumeEpisodeBo
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

Return Value

A task that will resume the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmarkAsync Method (WorkflowApplication, String, Object)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> ResumeEpis
        this WorkflowApplication workflowApplication
        string bookmarkName,
        Object value
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmarkAsync ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ ResumeEpisodeBo
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName

Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

Return Value

A task that will resume the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

Microsoft.Activities.Extensions

WorkflowApplicationExtensions.ResumeEpisodeBookmarkAsync Method (WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> ResumeEpis
        this WorkflowApplication workflowApplication
        string bookmarkName,
        Object value,
        Func<WorkflowApplicationIdleEventArgs, strin
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmarkAsync ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object, _
        idleEventCallback As Func(Of WorkflowApplica
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ ResumeEpisodeBo
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value,
        Func<WorkflowApplicationIdleEventArgs^, Stri
)
```

Parameters

workflowApplication

Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle Event Callback.

Return Value

A task that will resume the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmarkAsync Method (WorkflowApplication, String, Object, String)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> ResumeEpis
        this WorkflowApplication workflowApplication
        string bookmarkName,
        Object value,
        string waitForBookmarkName
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmarkAsync ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object, _
        waitForBookmarkName As String _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ ResumeEpisodeBo
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value,
        String^ waitForBookmarkName
)
```

Parameters

workflowApplication

Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

waitForBookmarkName
Type: System.String
Run the episode until completed, aborted or an idle with a bookmark matching this name

Return Value

A task that will resume the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmarkAsync Method (WorkflowApplication, String, Object, CancellationToken)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> ResumeEpis
        this WorkflowApplication workflowApplication
        string bookmarkName,
        Object value,
        CancellationToken token
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmarkAsync ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object, _
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ ResumeEpisodeBo
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value,
        CancellationToken token
)
```

Parameters

workflowApplication

Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

token
Type: System.Threading.CancellationToken
The cancellation token.

Return Value

A task that will resume the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

Microsoft.Activities.Extensions

WorkflowApplicationExtensions.ResumeEpisodeBookmarkAsync Method (WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> ResumeEpis
        this WorkflowApplication workflowApplication
        string bookmarkName,
        Object value,
        Func<WorkflowApplicationIdleEventArgs, strin
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmarkAsync ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object, _
        idleEventCallback As Func(Of WorkflowApplica
        timeout As TimeSpan _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ ResumeEpisodeBo
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value,
        Func<WorkflowApplicationIdleEventArgs^, Stri
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle Event Callback.

timeout
Type: System.TimeSpan
The timeout.

Return Value

A task that will resume the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmarkAsync Method (WorkflowApplication, String, Object, String, CancellationToken)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> ResumeEpis
        this WorkflowApplication workflowApplication
        string bookmarkName,
        Object value,
        string waitForBookmarkName,
        CancellationToken token
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmarkAsync ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object, _
        waitForBookmarkName As String, _
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ ResumeEpisodeBo
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value,
        String^ waitForBookmarkName,
        CancellationToken token
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

waitForBookmarkName
Type: System.String
Run the episode until completed, aborted or an idle with a bookmark matching this name

token
Type: System.Threading.CancellationToken
The cancellation token.

Return Value

A task that will resume the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmarkAsync Method (WorkflowApplication, String, Object, String, TimeSpan)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> ResumeEpis
        this WorkflowApplication workflowApplication
        string bookmarkName,
        Object value,
        string waitForBookmarkName,
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmarkAsync ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object, _
        waitForBookmarkName As String, _
        timeout As TimeSpan _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ ResumeEpisodeBo
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value,
        String^ waitForBookmarkName,
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

waitForBookmarkName
Type: System.String
Run the episode until completed, aborted or an idle with a bookmark matching this name

timeout
Type: System.TimeSpan
The timeout.

Return Value

A task that will resume the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmarkAsync Method (WorkflowApplication, String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan, CancellationToken)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> ResumeEpis
        this WorkflowApplication workflowApplication
        string bookmarkName,
        Object value,
        Func<WorkflowApplicationIdleEventArgs, strin
        TimeSpan timeout,
        CancellationToken token
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmarkAsync ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object, _
        idleEventCallback As Func(Of WorkflowApplica
        timeout As TimeSpan, _
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ ResumeEpisodeBo
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value,
        Func<WorkflowApplicationIdleEventArgs^, Stri
        TimeSpan timeout,
        CancellationToken token
```

```
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle Event Callback.

timeout
Type: System.TimeSpan
The timeout.

token
Type: System.Threading.CancellationToken
The token.

Return Value

A task that will resume the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.ResumeEpisodeBookmarkAsync Method (WorkflowApplication, String, Object, String, TimeSpan, CancellationToken)

Creates a task that will resume a bookmark and run the workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> ResumeEpis
        this WorkflowApplication workflowApplication
        string bookmarkName,
        Object value,
        string waitForBookmarkName,
        TimeSpan timeout,
        CancellationToken token
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ResumeEpisodeBookmarkAsync ( _
        workflowApplication As WorkflowApplication, _
        bookmarkName As String, _
        value As Object, _
        waitForBookmarkName As String, _
        timeout As TimeSpan, _
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ ResumeEpisodeBo
        WorkflowApplication^ workflowApplication,
        String^ bookmarkName,
        Object^ value,
        String^ waitForBookmarkName,
        TimeSpan timeout,
        CancellationToken token
```

```
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

waitForBookmarkName
Type: System.String
Run the episode until completed, aborted or an idle with a bookmark matching this name

timeout
Type: System.TimeSpan
The timeout.

token
Type: System.Threading.CancellationToken
The cancellation token.

Return Value

A task that will resume the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisode Method

Overload List

	Name	Description
	RunEpisode(WorkflowApplication)	Runs a workflow until the activity is Closed, Faulted, Idle or Timeout
	RunEpisode(WorkflowApplication, UnhandledExceptionAction)	Runs a workflow until the activity is Closed, Faulted, Idle or Timeout
	RunEpisode(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Returns a task that runs a workflow episode
	RunEpisode(WorkflowApplication, String)	Returns a task that runs a workflow episode
	RunEpisode(WorkflowApplication, TimeSpan)	Runs a workflow until the activity is Closed, Faulted, Idle or Timeout
	RunEpisode(WorkflowApplication, UnhandledExceptionAction, TimeSpan)	Runs a workflow until the activity is Closed, Faulted, Idle or Timeout
	RunEpisode(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan)	Returns a task that runs a workflow episode
	RunEpisode(WorkflowApplication, String, UnhandledExceptionAction)	Returns a task that runs a workflow episode
	RunEpisode(WorkflowApplication, String, TimeSpan)	Returns a task that runs a workflow episode
	RunEpisode(WorkflowApplication, String, UnhandledExceptionAction, TimeSpan)	Returns a task that runs a workflow episode

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisode Method (WorkflowApplication)

Runs a workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult RunEpisode(
        this WorkflowApplication workflowApplication
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisode ( _
        workflowApplication As WorkflowApplication _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ RunEpisode(
        WorkflowApplication^ workflowApplication
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisode Method (WorkflowApplication, UnhandledExceptionAction)

Runs a workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult RunEpisode(
        this WorkflowApplication workflowApplication,
        UnhandledExceptionAction unhandledExceptionAc
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisode ( _
        workflowApplication As WorkflowApplication, _
        unhandledExceptionAction As UnhandledExceptio
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ RunEpisode(
        WorkflowApplication^ workflowApplication,
        UnhandledExceptionAction unhandledExceptionAc
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

unhandledExceptionAction
Type: System.Activities.UnhandledExceptionAction
The unhandledExceptionAction.

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisode Method (WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean))

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult RunEpisode(
        this WorkflowApplication workflowApplication,
        Func<WorkflowApplicationIdleEventArgs, string
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisode ( _
        workflowApplication As WorkflowApplication, _
        idleEventCallback As Func(Of WorkflowApplica
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ RunEpisode(
        WorkflowApplication^ workflowApplication,
        Func<WorkflowApplicationIdleEventArgs^, Stri
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle event callback.

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisode Method (WorkflowApplication, String)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult RunEpisode(
        this WorkflowApplication workflowApplication,
        string waitForBookmarkName
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisode ( _
        workflowApplication As WorkflowApplication, _
        waitForBookmarkName As String _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ RunEpisode(
        WorkflowApplication^ workflowApplication,
        String^ waitForBookmarkName
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

waitForBookmarkName
Type: System.String
The bookmark name.

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisode Method (WorkflowApplication, TimeSpan)

Runs a workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult RunEpisode(
        this WorkflowApplication workflowApplication,
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisode ( _
        workflowApplication As WorkflowApplication, _
        timeout As TimeSpan _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ RunEpisode(
        WorkflowApplication^ workflowApplication,
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

timeout
Type: System.TimeSpan
The timeout.

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisode Method (WorkflowApplication, UnhandledExceptionAction, TimeSpan)

Runs a workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult RunEpisode(
        this WorkflowApplication workflowApplication,
        UnhandledExceptionAction unhandledExceptionAc
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisode ( _
        workflowApplication As WorkflowApplication, _
        unhandledExceptionAction As UnhandledExceptio
        timeout As TimeSpan _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ RunEpisode(
        WorkflowApplication^ workflowApplication,
        UnhandledExceptionAction unhandledExceptionAc
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

unhandledExceptionAction

Type: System.Activities.UnhandledExceptionAction
The unhandledExceptionAction.

timeout
Type: System.TimeSpan
The timeout.

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisode Method (WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), TimeSpan)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult RunEpisode(
        this WorkflowApplication workflowApplication,
        Func<WorkflowApplicationIdleEventArgs, string
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisode ( _
        workflowApplication As WorkflowApplication, _
        idleEventCallback As Func(Of WorkflowApplica
        timeout As TimeSpan _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ RunEpisode(
        WorkflowApplication^ workflowApplication,
        Func<WorkflowApplicationIdleEventArgs^, Stri
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

idleEventCallback

Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle event callback.

timeout
Type: System.TimeSpan
The timeout

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisode Method (WorkflowApplication, String, UnhandledExceptionAction)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult RunEpisode(
        this WorkflowApplication workflowApplication,
        string waitForBookmarkName,
        UnhandledExceptionAction unhandledExceptionAc
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisode ( _
        workflowApplication As WorkflowApplication, _
        waitForBookmarkName As String, _
        unhandledExceptionAction As UnhandledExceptio
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ RunEpisode(
        WorkflowApplication^ workflowApplication,
        String^ waitForBookmarkName,
        UnhandledExceptionAction unhandledExceptionAc
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

waitForBookmarkName

Type: System.String
The bookmark name.

unhandledExceptionAction
Type: System.Activities.UnhandledExceptionAction
The unhandled Exception Action.

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisode Method (WorkflowApplication, String, TimeSpan)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult RunEpisode(
        this WorkflowApplication workflowApplication,
        string waitForBookmarkName,
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisode ( _
        workflowApplication As WorkflowApplication, _
        waitForBookmarkName As String, _
        timeout As TimeSpan _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ RunEpisode(
        WorkflowApplication^ workflowApplication,
        String^ waitForBookmarkName,
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

waitForBookmarkName

Type: System.String
The bookmark name.

timeout
Type: System.TimeSpan
The timeout.

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisode Method (WorkflowApplication, String, UnhandledExceptionAction, TimeSpan)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowEpisodeResult RunEpisode(
        this WorkflowApplication workflowApplication,
        string waitForBookmarkName,
        UnhandledExceptionAction unhandledExceptionAc
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisode ( _
        workflowApplication As WorkflowApplication, _
        waitForBookmarkName As String, _
        unhandledExceptionAction As UnhandledExceptio
        timeout As TimeSpan _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowEpisodeResult^ RunEpisode(
        WorkflowApplication^ workflowApplication,
        String^ waitForBookmarkName,
        UnhandledExceptionAction unhandledExceptionAc
        TimeSpan timeout
)
```

Parameters

workflowApplication

Type: System.Activities.WorkflowApplication
The workflow application.

waitForBookmarkName
Type: System.String
The bookmark name.

unhandledExceptionAction
Type: System.Activities.UnhandledExceptionAction
The unhandled Exception Action.

timeout
Type: System.TimeSpan
The timeout.

Return Value

The episode result

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method

Overload List

	Name	Description
	RunEpisodeAsync(WorkflowApplication)	Runs a workflow until the activity is Closed, Faulted, Idle or Timeout
	RunEpisodeAsync(WorkflowApplication, UnhandledExceptionAction)	Runs a workflow until the activity is Closed, Faulted, Idle or Timeout
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, String)	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, CancellationToken)	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, TimeSpan)	Runs a workflow until the activity is Closed, Faulted, Idle or Timeout
	RunEpisodeAsync(WorkflowApplication, UnhandledExceptionAction, CancellationToken)	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, UnhandledExceptionAction, TimeSpan)	Runs a workflow until the activity is Closed, Faulted, Idle or Timeout
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction)	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), CancellationToken)	Returns a task that runs a workflow episode

	RunEpisodeAsync(WorkflowApplication, String, UnhandledExceptionAction)	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, String, CancellationToken)	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, String, TimeSpan)	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, UnhandledExceptionAction, TimeSpan, CancellationToken)	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction, CancellationToken)	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction, TimeSpan)	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, String, UnhandledExceptionAction, CancellationToken)	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, String, UnhandledExceptionAction, TimeSpan)	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, String, TimeSpan, CancellationToken)	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction, TimeSpan, CancellationToken)	Returns a task that runs a workflow episode
	RunEpisodeAsync(WorkflowApplication, String, UnhandledExceptionAction, TimeSpan, CancellationToken)	Returns a task that runs a workflow episode

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication)

Runs a workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

Return Value

A task that will run the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, UnhandledExceptionAction)

Runs a workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        UnhandledExceptionAction unhandledExceptionA
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        unhandledExceptionAction As UnhandledExceptio
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        UnhandledExceptionAction unhandledExceptionA
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

unhandledExceptionAction
Type: System.Activities.UnhandledExceptionAction
The unhandledExceptionAction.

Return Value

A task that will run the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean))

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        Func<WorkflowApplicationIdleEventArgs, strin
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        idleEventCallback As Func(Of WorkflowApplica
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        Func<WorkflowApplicationIdleEventArgs^, Stri
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle event callback.

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, String)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        string waitForBookmarkName
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        waitForBookmarkName As String _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        String^ waitForBookmarkName
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

waitForBookmarkName
Type: System.String
The bookmark name.

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, CancellationToken)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        CancellationToken token
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        CancellationToken token
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

token
Type: System.Threading.CancellationToken
The cancellation token.

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, TimeSpan)

Runs a workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        timeout As TimeSpan _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

timeout
Type: System.TimeSpan
The timeout.

Return Value

A task that will run the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, UnhandledExceptionAction, CancellationToken)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        UnhandledExceptionAction unhandledExceptionA
        CancellationToken token
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        unhandledExceptionAction As UnhandledExceptio
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        UnhandledExceptionAction unhandledExceptionA
        CancellationToken token
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

unhandledExceptionAction

Type: System.Activities.UnhandledExceptionAction
The unhandled Exception Action.

token
Type: System.Threading.CancellationToken
The cancellation token.

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, UnhandledExceptionAction, TimeSpan)

Runs a workflow until the activity is Closed, Faulted, Idle or Timeout

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        UnhandledExceptionAction unhandledExceptionA
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        unhandledExceptionAction As UnhandledExceptio
        timeout As TimeSpan _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        UnhandledExceptionAction unhandledExceptionA
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

unhandledExceptionAction

Type: System.Activities.UnhandledExceptionAction
The unhandledExceptionAction.

timeout
Type: System.TimeSpan
The timeout.

Return Value

A task that will run the workflow

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        Func<WorkflowApplicationIdleEventArgs, strin
        UnhandledExceptionAction unhandledExceptionA
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        idleEventCallback As Func(Of WorkflowApplica
        unhandledExceptionAction As UnhandledExcepti
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        Func<WorkflowApplicationIdleEventArgs^, Stri
        UnhandledExceptionAction unhandledExceptionA
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

idleEventCallback

Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle event callback.

unhandledExceptionAction
Type: System.Activities.UnhandledExceptionAction
The unhandled Exception Action.

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), CancellationToken)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        Func<WorkflowApplicationIdleEventArgs, strin
        CancellationToken token
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        idleEventCallback As Func(Of WorkflowApplica
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        Func<WorkflowApplicationIdleEventArgs^, Stri
        CancellationToken token
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

idleEventCallback

Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle event callback.

token
Type: System.Threading.CancellationToken
The cancellation token.

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, String, UnhandledExceptionAction)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        string waitForBookmarkName,
        UnhandledExceptionAction unhandledExceptionA
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        waitForBookmarkName As String, _
        unhandledExceptionAction As UnhandledExceptio
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        String^ waitForBookmarkName,
        UnhandledExceptionAction unhandledExceptionA
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

waitForBookmarkName

Type: System.String
The bookmark name.

unhandledExceptionAction
Type: System.Activities.UnhandledExceptionAction
The unhandled Exception Action.

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, String, CancellationToken)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        string waitForBookmarkName,
        CancellationToken token
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        waitForBookmarkName As String, _
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        String^ waitForBookmarkName,
        CancellationToken token
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

waitForBookmarkName

Type: System.String
The bookmark name.

token
Type: System.Threading.CancellationToken
The cancellation token

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, String, TimeSpan)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        string waitForBookmarkName,
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        waitForBookmarkName As String, _
        timeout As TimeSpan _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        String^ waitForBookmarkName,
        TimeSpan timeout
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

waitForBookmarkName

Type: System.String
The bookmark name.

timeout
Type: System.TimeSpan
The timeout.

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, UnhandledExceptionAction, TimeSpan, CancellationToken)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        UnhandledExceptionAction unhandledExceptionA
        TimeSpan timeout,
        CancellationToken token
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        unhandledExceptionAction As UnhandledExceptio
        timeout As TimeSpan, _
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        UnhandledExceptionAction unhandledExceptionA
        TimeSpan timeout,
        CancellationToken token
)
```

Parameters

workflowApplication

Type: System.Activities.WorkflowApplication
The workflow application.

unhandledExceptionAction
Type: System.Activities.UnhandledExceptionAction
The unhandled Exception Action.

timeout
Type: System.TimeSpan
The timeout.

token
Type: System.Threading.CancellationToken
The cancellation token.

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction, CancellationToken)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        Func<WorkflowApplicationIdleEventArgs, strin
        UnhandledExceptionAction unhandledExceptionA
        CancellationToken token
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        idleEventCallback As Func(Of WorkflowApplica
        unhandledExceptionAction As UnhandledExcepti
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        Func<WorkflowApplicationIdleEventArgs^, Stri
        UnhandledExceptionAction unhandledExceptionA
        CancellationToken token
)
```

Parameters

workflowApplication

Type: System.Activities.WorkflowApplication
The workflow application.

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle event callback.

unhandledExceptionAction
Type: System.Activities.UnhandledExceptionAction
The unhandled Exception Action.

token
Type: System.Threading.CancellationToken
The cancellation token.

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction, TimeSpan)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        Func<WorkflowApplicationIdleEventArgs, strin
        UnhandledExceptionAction unhandledExceptionA
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        idleEventCallback As Func(Of WorkflowApplica
        unhandledExceptionAction As UnhandledExcepti
        timeout As TimeSpan _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        Func<WorkflowApplicationIdleEventArgs^, Stri
        UnhandledExceptionAction unhandledExceptionA
        TimeSpan timeout
)
```

Parameters

workflowApplication

Type: System.Activities.WorkflowApplication
The workflow application.

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle event callback.

unhandledExceptionAction
Type: System.Activities.UnhandledExceptionAction
The unhandled Exception Action.

timeout
Type: System.TimeSpan
The timeout.

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, String, UnhandledExceptionAction, CancellationToken)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        string waitForBookmarkName,
        UnhandledExceptionAction unhandledExceptionA
        CancellationToken token
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        waitForBookmarkName As String, _
        unhandledExceptionAction As UnhandledExceptio
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        String^ waitForBookmarkName,
        UnhandledExceptionAction unhandledExceptionA
        CancellationToken token
)
```

Parameters

workflowApplication

Type: System.Activities.WorkflowApplication
The workflow application.

waitForBookmarkName
Type: System.String
The bookmark name.

unhandledExceptionAction
Type: System.Activities.UnhandledExceptionAction
The unhandled Exception Action.

token
Type: System.Threading.CancellationToken
The cancellation token

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, String, UnhandledExceptionAction, TimeSpan)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        string waitForBookmarkName,
        UnhandledExceptionAction unhandledExceptionA
        TimeSpan timeout
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        waitForBookmarkName As String, _
        unhandledExceptionAction As UnhandledExcepti
        timeout As TimeSpan _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        String^ waitForBookmarkName,
        UnhandledExceptionAction unhandledExceptionA
        TimeSpan timeout
)
```

Parameters

workflowApplication

Type: System.Activities.WorkflowApplication
The workflow application.

waitForBookmarkName
Type: System.String
The bookmark name.

unhandledExceptionAction
Type: System.Activities.UnhandledExceptionAction
The unhandled Exception Action.

timeout
Type: System.TimeSpan
The timeout.

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, String, TimeSpan, CancellationToken)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        string waitForBookmarkName,
        TimeSpan timeout,
        CancellationToken token
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        waitForBookmarkName As String, _
        timeout As TimeSpan, _
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        String^ waitForBookmarkName,
        TimeSpan timeout,
        CancellationToken token
)
```

Parameters

workflowApplication

Type: System.Activities.WorkflowApplication
The workflow application.

waitForBookmarkName
Type: System.String
The bookmark name.

timeout
Type: System.TimeSpan
The timeout.

token
Type: System.Threading.CancellationToken
The cancellation token

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, Func(WorkflowApplicationIdleEventArgs, String, Boolean), UnhandledExceptionAction, TimeSpan, CancellationToken)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        Func<WorkflowApplicationIdleEventArgs, strin
        UnhandledExceptionAction unhandledExceptionA
        TimeSpan timeout,
        CancellationToken token
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        idleEventCallback As Func(Of WorkflowApplica
        unhandledExceptionAction As UnhandledExcepti
        timeout As TimeSpan, _
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        Func<WorkflowApplicationIdleEventArgs^, Stri
        UnhandledExceptionAction unhandledExceptionA
        TimeSpan timeout,
        CancellationToken token
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle event callback.

unhandledExceptionAction
Type: System.Activities.UnhandledExceptionAction
The unhandled Exception Action.

timeout
Type: System.TimeSpan
The timeout.

token
Type: System.Threading.CancellationToken
The cancellation token.

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationExtensions.RunEpisodeAsync Method (WorkflowApplication, String, UnhandledExceptionAction, TimeSpan, CancellationToken)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Task<WorkflowEpisodeResult> RunEpisode
        this WorkflowApplication workflowApplication
        string waitForBookmarkName,
        UnhandledExceptionAction unhandledExceptionA
        TimeSpan timeout,
        CancellationToken token
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function RunEpisodeAsync ( _
        workflowApplication As WorkflowApplication, _
        waitForBookmarkName As String, _
        unhandledExceptionAction As UnhandledExceptio
        timeout As TimeSpan, _
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
[ExtensionAttribute]
static Task<WorkflowEpisodeResult^>^ RunEpisodeAsync
        WorkflowApplication^ workflowApplication,
        String^ waitForBookmarkName,
        UnhandledExceptionAction unhandledExceptionA
        TimeSpan timeout,
        CancellationToken token
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

waitForBookmarkName
Type: System.String
The bookmark name.

unhandledExceptionAction
Type: System.Activities.UnhandledExceptionAction
The unhandled Exception Action.

timeout
Type: System.TimeSpan
The timeout.

token
Type: System.Threading.CancellationToken
The cancellation token

Return Value

A task for running the workflow episode

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplication. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationExtensions Class
WorkflowApplicationExtensions Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowApplicationIdleEventArgsEx Class

The workflow application idle event args ex.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class WorkflowApplicationIdleEventArgsE
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class WorkflowApplicationIdleEv
```

Visual C++

```
[ExtensionAttribute]
public ref class WorkflowApplicationIdleEventArgsEx a
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.WorkflowApplicationIdleEventArgsEx

See Also

WorkflowApplicationIdleEventArgsEx Members

Microsoft.Activities.Extensions Namespace

WorkflowApplicationIdleEventArgsEx Members

The WorkflowApplicationIdleEventArgsEx type exposes the following members.

Methods

	Name	Description
	ContainsBookmark	Extension method which determines if the bookmark collection contains a bookmark with the bookmark name
	GetBookmarkNames	The get bookmark names.

See Also

WorkflowApplicationIdleEventArgsEx Class

Microsoft.Activities.Extensions Namespace

WorkflowApplicationIdleEventArgsEx Methods

The WorkflowApplicationIdleEventArgsEx type exposes the following members.

Methods

	Name	Description
	ContainsBookmark	Extension method which determines if the bookmark collection contains a bookmark with the bookmark name
	GetBookmarkNames	The get bookmark names.

See Also

WorkflowApplicationIdleEventArgsEx Class

Microsoft.Activities.Extensions Namespace

WorkflowApplicationIdleEventArgsEx.ContainsBookmark Method

Extension method which determines if the bookmark collection contains a bookmark with the bookmark name

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static bool ContainsBookmark(
        this WorkflowApplicationIdleEventArgs args,
        string bookmarkName
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ContainsBookmark ( _
        args As WorkflowApplicationIdleEventArgs, _
        bookmarkName As String _
) As Boolean
```

Visual C++

```
public:
[ExtensionAttribute]
static bool ContainsBookmark(
        WorkflowApplicationIdleEventArgs^ args,
        String^ bookmarkName
)
```

Parameters

args
Type: System.Activities.WorkflowApplicationIdleEventArgs
The idle event args.

bookmarkName
Type: System.String
The bookmark name.

Return Value

true if there is a bookmark with *bookmarkName*

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplicationIdleEventArgs. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

Remarks

The WorkflowApplicationIdleEventArgs.Bookmarks property contains a ReadOnlyCollection<BookmarkInfo> which means you cannot use the Linq method Contains to test for a bookmark name. This method allows you to test for the presence of a bookmark by name

See Also

WorkflowApplicationIdleEventArgsEx Class
WorkflowApplicationIdleEventArgsEx Members
Microsoft.Activities.Extensions Namespace

WorkflowApplicationIdleEventArgsEx.GetBookmarkNames Method

The get bookmark names.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static IEnumerable<string> GetBookmarkNames(
        this WorkflowApplicationIdleEventArgs args
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function GetBookmarkNames ( _
        args As WorkflowApplicationIdleEventArgs _
) As IEnumerable(Of String)
```

Visual C++

```
public:
[ExtensionAttribute]
static IEnumerable<String^>^ GetBookmarkNames(
        WorkflowApplicationIdleEventArgs^ args
)
```

Parameters

args
Type: System.Activities.WorkflowApplicationIdleEventArgs
The event args.

Return Value

The list of bookmarks

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type WorkflowApplicationIdleEventArgs. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationIdleEventArgsEx Class
WorkflowApplicationIdleEventArgsEx Members
Microsoft.Activities.Extensions Namespace

WorkflowArguments Class

Dynamic object support for declaring input arguments for a workflow

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
[SerializableAttribute]
public class WorkflowArguments : DynamicObject,
        IDictionary<string, Object>, ICollection<KeyV
        IEnumerable<KeyValuePair<string, Object>>, II
```

Visual Basic

```
<SerializableAttribute> _
Public Class WorkflowArguments _
        Inherits DynamicObject _
        Implements IDictionary(Of String, Object),  _
        ICollection(Of KeyValuePair(Of String, Objec
        IEnumerable, ISerializable
```

Visual C++

```
[SerializableAttribute]
public ref class WorkflowArguments : public DynamicOb
        IDictionary<String^, Object^>, ICollection<Ke
        IEnumerable<KeyValuePair<String^, Object^>>,
        ISerializable
```

Inheritance Hierarchy

System.Object
  System.Dynamic.DynamicObject
    Microsoft.Activities.Extensions.WorkflowArguments

See Also

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments Members

The WorkflowArguments type exposes the following members.

Constructors

	Name	Description
	WorkflowArguments()	Initializes a new instance of the WorkflowArguments class. Creates an instance of WorkflowArguments
	WorkflowArguments(IDictionary(String, Object))	Initializes a new instance of the WorkflowArguments class. Creates an instance of WorkflowArguments
	WorkflowArguments(SerializationInfo, StreamingContext)	Initializes a new instance of the WorkflowArguments class.

Methods

	Name	Description
	Add(KeyValuePair(String, Object))	Adds an item to the ICollection(T).
	Add(String, Object)	Adds an element with the provided key a the IDictionary(TKey, TValue).
	Clear	Removes all items from the ICollection(T
	Contains	Determines whether the ICollection(T) co specific value.
	ContainsKey	Determines whether the IDictionary(TKe contains an element with the specified ke
	CopyTo	Copies the elements of the ICollection(T) Array, starting at a particular Array index
	Equals	Determines whether the specified Object the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resou perform other cleanup operations before t is reclaimed by garbage collection. (Inherited from Object.)
S	FromDictionary	Creates WorkflowArguments from a Dict
	GetDynamicMemberNames	Returns the enumeration of all dynamic m names. (Inherited from DynamicObject.)
	GetEnumerator	Returns an enumerator that iterates throug collection.
	GetHashCode	Serves as a hash function for a particular (Inherited from Object.)
	GetMetaObject	Provides a DynamicMetaObject that disp the dynamic virtual methods. The object encapsulated inside another DynamicMet provide custom behavior for individual a This method supports the Dynamic Langu Runtime infrastructure for language impl

		and it is not intended to be used directly f code. (Inherited from DynamicObject.)
	GetObjectData	The get object data.
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Obj (Inherited from Object.)
	Remove(KeyValuePair(String, Object))	Removes the first occurrence of a specifi from the ICollection(T).
	Remove(String)	Removes the element with the specified k the IDictionary(TKey, TValue).
	ToString	Returns a String that represents the curre (Inherited from Object.)
	TryBinaryOperation	Provides implementation for binary opera Classes derived from the DynamicObject override this method to specify dynamic for operations such as addition and multi (Inherited from DynamicObject.)
	TryConvert	Provides implementation for type conver operations. Classes derived from the DynamicObject class can override this m specify dynamic behavior for operations convert an object from one type to anothe (Inherited from DynamicObject.)
	TryCreateInstance	Provides the implementation for operatio initialize a new instance of a dynamic obj method is not intended for use in C# or V Basic. (Inherited from DynamicObject.)
	TryDeleteIndex	Provides the implementation for operatio delete an object by index. This method is intended for use in C# or Visual Basic. (Inherited from DynamicObject.)
	TryDeleteMember	Provides the implementation for operatio delete an object member. This method is

		intended for use in C# or Visual Basic. (Inherited from DynamicObject.)
	TryGetIndex	Provides the implementation for operatio a value by index. Classes derived from th DynamicObject class can override this m specify dynamic behavior for indexing op (Inherited from DynamicObject.)
	TryGetMember	Provides the implementation for operatio member values. Classes derived from the DynamicObject class can override this m specify dynamic behavior for operations getting a value for a property. (Overrides DynamicObject.TryGetMember(GetMem Object).)
	TryGetValue	Gets the value associated with the specifi
	TryInvoke	Provides the implementation for operatio invoke an object. Classes derived from th DynamicObject class can override this m specify dynamic behavior for operations invoking an object or a delegate. (Inherited from DynamicObject.)
	TryInvokeMember	Provides the implementation for operatio invoke a member. Classes derived from t DynamicObject class can override this m specify dynamic behavior for operations calling a method. (Inherited from DynamicObject.)
	TrySetIndex	Provides the implementation for operatio a value by index. Classes derived from th DynamicObject class can override this m specify dynamic behavior for operations objects by a specified index. (Inherited from DynamicObject.)
	TrySetMember	Provides the implementation for operatio member values. Classes derived from the DynamicObject class can override this m

		specify dynamic behavior for operations s setting a value for a property. (Overrides DynamicObject.TrySetMember(SetMeml Object).)
	TryUnaryOperation	Provides implementation for unary opera Classes derived from the DynamicObject override this method to specify dynamic l for operations such as negation, incremer decrement. (Inherited from DynamicObject.)

Extension Methods

	Name	Description
	ToDelimitedList(KeyValuePair(String, Object))	Converts a list of objects to a comma delimited string (Defined by ListExtensions.)

Properties

	Name	Description
	Count	Gets the number of elements contained in the ICollection(T).
	IsReadOnly	Gets a value indicating whether the ICollection(T) is read-only.
	Item	Gets or sets the element with the specified key.
	Keys	Gets an ICollection(T) containing the keys of the IDictionary(TKey, TValue).
	Values	Gets an ICollection(T) containing the values in the IDictionary(TKey, TValue).

See Also

WorkflowArguments Class

Microsoft.Activities.Extensions Namespace

WorkflowArguments Constructor

WorkflowArguments Class See Also Send Feedback

Overload List

	Name	Description
	WorkflowArguments()	Initializes a new instance of the WorkflowArguments class. Creates an instance of WorkflowArguments
	WorkflowArguments(IDictionary(String, Object))	Initializes a new instance of the WorkflowArguments class. Creates an instance of WorkflowArguments
	WorkflowArguments(SerializationInfo, StreamingContext)	Initializes a new instance of the WorkflowArguments class.

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments Constructor

Initializes a new instance of the WorkflowArguments class. Creates an instance of WorkflowArguments

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowArguments()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
WorkflowArguments()
```

See Also

WorkflowArguments Class
WorkflowArguments Members
WorkflowArguments Overload
Microsoft.Activities.Extensions Namespace

WorkflowArguments Constructor (IDictionary(String, Object))

Initializes a new instance of the WorkflowArguments class. Creates an instance of WorkflowArguments

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowArguments(
        IDictionary<string, Object> args
)
```

Visual Basic

```
Public Sub New ( _
        args As IDictionary(Of String, Object) _
)
```

Visual C++

```
public:
WorkflowArguments(
        IDictionary<String^, Object^>^ args
)
```

Parameters

args
Type: System.Collections.Generic.IDictionary(String, Object)
A dictionary to pre-populate the arguments with

See Also

WorkflowArguments Class
WorkflowArguments Members
WorkflowArguments Overload
Microsoft.Activities.Extensions Namespace

WorkflowArguments Constructor (SerializationInfo, StreamingContext)

Initializes a new instance of the WorkflowArguments class.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected WorkflowArguments(
        SerializationInfo info,
        StreamingContext context
)
```

Visual Basic

```
Protected Sub New ( _
        info As SerializationInfo, _
        context As StreamingContext _
)
```

Visual C++

```
protected:
WorkflowArguments(
        SerializationInfo^ info,
        StreamingContext context
)
```

Parameters

info
Type: System.Runtime.Serialization.SerializationInfo
The info.

context
Type: System.Runtime.Serialization.StreamingContext
The context.

See Also

WorkflowArguments Class
WorkflowArguments Members
WorkflowArguments Overload
Microsoft.Activities.Extensions Namespace

WorkflowArguments Methods

The WorkflowArguments type exposes the following members.

Methods

	Name	Description
	Add(KeyValuePair(String, Object))	Adds an item to the ICollection(T).
	Add(String, Object)	Adds an element with the provided key a the IDictionary(TKey, TValue).
	Clear	Removes all items from the ICollection(T
	Contains	Determines whether the ICollection(T) co specific value.
	ContainsKey	Determines whether the IDictionary(TKe contains an element with the specified ke
	CopyTo	Copies the elements of the ICollection(T) Array, starting at a particular Array index
	Equals	Determines whether the specified Object the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resou perform other cleanup operations before t is reclaimed by garbage collection. (Inherited from Object.)
S	FromDictionary	Creates WorkflowArguments from a Dict
	GetDynamicMemberNames	Returns the enumeration of all dynamic m names. (Inherited from DynamicObject.)
	GetEnumerator	Returns an enumerator that iterates throug collection.
	GetHashCode	Serves as a hash function for a particular (Inherited from Object.)
	GetMetaObject	Provides a DynamicMetaObject that disp the dynamic virtual methods. The object encapsulated inside another DynamicMet provide custom behavior for individual a This method supports the Dynamic Langu Runtime infrastructure for language impl

		and it is not intended to be used directly f code. (Inherited from DynamicObject.)
	GetObjectData	The get object data.
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Obj (Inherited from Object.)
	Remove(KeyValuePair(String, Object))	Removes the first occurrence of a specifi from the ICollection(T).
	Remove(String)	Removes the element with the specified k the IDictionary(TKey, TValue).
	ToString	Returns a String that represents the curre (Inherited from Object.)
	TryBinaryOperation	Provides implementation for binary opera Classes derived from the DynamicObject override this method to specify dynamic for operations such as addition and multi (Inherited from DynamicObject.)
	TryConvert	Provides implementation for type conver operations. Classes derived from the DynamicObject class can override this m specify dynamic behavior for operations convert an object from one type to anothe (Inherited from DynamicObject.)
	TryCreateInstance	Provides the implementation for operatio initialize a new instance of a dynamic obj method is not intended for use in C# or V Basic. (Inherited from DynamicObject.)
	TryDeleteIndex	Provides the implementation for operatio delete an object by index. This method is intended for use in C# or Visual Basic. (Inherited from DynamicObject.)
	TryDeleteMember	Provides the implementation for operatio delete an object member. This method is

		intended for use in C# or Visual Basic. (Inherited from DynamicObject.)
	TryGetIndex	Provides the implementation for operatio a value by index. Classes derived from th DynamicObject class can override this m specify dynamic behavior for indexing op (Inherited from DynamicObject.)
	TryGetMember	Provides the implementation for operatio member values. Classes derived from the DynamicObject class can override this m specify dynamic behavior for operations getting a value for a property. (Overrides DynamicObject.TryGetMember(GetMem Object).)
	TryGetValue	Gets the value associated with the specifi
	TryInvoke	Provides the implementation for operatio invoke an object. Classes derived from th DynamicObject class can override this m specify dynamic behavior for operations invoking an object or a delegate. (Inherited from DynamicObject.)
	TryInvokeMember	Provides the implementation for operatio invoke a member. Classes derived from t DynamicObject class can override this m specify dynamic behavior for operations calling a method. (Inherited from DynamicObject.)
	TrySetIndex	Provides the implementation for operatio a value by index. Classes derived from th DynamicObject class can override this m specify dynamic behavior for operations objects by a specified index. (Inherited from DynamicObject.)
	TrySetMember	Provides the implementation for operatio member values. Classes derived from the DynamicObject class can override this m

		specify dynamic behavior for operations s setting a value for a property. (Overrides DynamicObject.TrySetMember(SetMeml Object).)
	TryUnaryOperation	Provides implementation for unary opera Classes derived from the DynamicObject override this method to specify dynamic l for operations such as negation, incremer decrement. (Inherited from DynamicObject.)

Extension Methods

	Name	Description
	ToDelimitedList(KeyValuePair(String, Object))	Converts a list of objects to a comma delimited string (Defined by ListExtensions.)

See Also

WorkflowArguments Class

Microsoft.Activities.Extensions Namespace

WorkflowArguments.Add Method

WorkflowArguments Class See Also Send Feedback

Overload List

	Name	Description
	Add(KeyValuePair(String, Object))	Adds an item to the ICollection(T).
	Add(String, Object)	Adds an element with the provided key and value to the IDictionary(TKey, TValue).

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments.Add Method (KeyValuePair(String, Object))

Adds an item to the ICollection(T).

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void Add(
        KeyValuePair<string, Object> item
)
```

Visual Basic

```
Public Sub Add ( _
        item As KeyValuePair(Of String, Object) _
)
```

Visual C++

```
public:
virtual void Add(
        KeyValuePair<String^, Object^> item
) sealed
```

Parameters

item
Type: System.Collections.Generic.KeyValuePair(String, Object)
The object to add to the ICollection(T).

Implements

ICollection(T).Add(T)

Exceptions

Exception	Condition
System.NotSupportedException	The ICollection(T) is read-only.

See Also

WorkflowArguments Class
WorkflowArguments Members
Add Overload
Microsoft.Activities.Extensions Namespace

WorkflowArguments.Add Method (String, Object)

Adds an element with the provided key and value to the IDictionary(TKey, TValue).

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void Add(
        string key,
        Object value
)
```

Visual Basic

```
Public Sub Add ( _
        key As String, _
        value As Object _
)
```

Visual C++

```
public:
virtual void Add(
        String^ key,
        Object^ value
) sealed
```

Parameters

key
Type: System.String
The object to use as the key of the element to add.

value
Type: System.Object
The object to use as the value of the element to add.

Implements

IDictionary(TKey, TValue).Add(TKey, TValue)

Exceptions

Exception	Condition
System.ArgumentNullException	*key* is null.
System.ArgumentException	An element with the same key already exists in the IDictionary(TKey, TValue).
System.NotSupportedException	The IDictionary(TKey, TValue) is read-only.

See Also

WorkflowArguments Class
WorkflowArguments Members
Add Overload
Microsoft.Activities.Extensions Namespace

WorkflowArguments.Clear Method

Removes all items from the ICollection(T).

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void Clear()
```

Visual Basic

```
Public Sub Clear
```

Visual C++

```
public:
virtual void Clear() sealed
```

Implements

ICollection(T).Clear()

Exceptions

Exception	Condition
System.NotSupportedException	The ICollection(T) is read-only.

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

Determines whether the ICollection(T) contains a specific value.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public bool Contains(
        KeyValuePair<string, Object> item
)
```

Visual Basic

```
Public Function Contains ( _
        item As KeyValuePair(Of String, Object) _
) As Boolean
```

Visual C++

```
public:
virtual bool Contains(
        KeyValuePair<String^, Object^> item
) sealed
```

Parameters

item
Type: System.Collections.Generic.KeyValuePair(String, Object)
The object to locate in the ICollection(T).

Return Value

true if *item* is found in the ICollection(T); otherwise, false.

Implements

ICollection(T).Contains(T)

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments.ContainsKey Method

Determines whether the IDictionary(TKey, TValue) contains an element with the specified key.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public bool ContainsKey(
        string key
)
```

Visual Basic

```
Public Function ContainsKey ( _
        key As String _
) As Boolean
```

Visual C++

```
public:
virtual bool ContainsKey(
        String^ key
) sealed
```

Parameters

key
Type: System.String
The key to locate in the IDictionary(TKey, TValue).

Return Value

true if the IDictionary(TKey, TValue) contains an element with the key; otherwise, false.

Implements

IDictionary(TKey, TValue).ContainsKey(TKey)

Exceptions

Exception	Condition
System.ArgumentNullException	*key* is null.

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments.CopyTo Method

Copies the elements of the ICollection(T) to an Array, starting at a particular Array index.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void CopyTo(
        KeyValuePair<string, Object>[] array,
        int arrayIndex
)
```

Visual Basic

```
Public Sub CopyTo ( _
        array As KeyValuePair(Of String, Object)(), _
        arrayIndex As Integer _
)
```

Visual C++

```
public:
virtual void CopyTo(
        array<KeyValuePair<String^, Object^>>^ array,
        int arrayIndex
) sealed
```

Parameters

array
Type: System.Collections.Generic.KeyValuePair(String, Object)[]
The one-dimensional Array that is the destination of the elements copied from ICollection(T). The Array must have zero-based indexing.

arrayIndex
Type: System.Int32
The zero-based index in *array* at which copying begins.

Implements

ICollection(T).CopyTo(T[], Int32)

Exceptions

Exception	Condition
System.ArgumentNullException	*array* is null.
System.ArgumentOutOfRangeException	*arrayIndex* is less than 0.
System.ArgumentException	*array* is multidimensional.-or-The number of elements in the source ICollection(T) is greater than the available space from *arrayIndex* to the end of the destination *array*.-or-Type cannot be cast automatically to the type of the destination *array*.

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments.FromDictionary Method

Creates WorkflowArguments from a Dictionary

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Object FromDictionary(
        IDictionary<string, Object> args
)
```

Visual Basic

```
Public Shared Function FromDictionary ( _
        args As IDictionary(Of String, Object) _
) As Object
```

Visual C++

```
public:
static Object^ FromDictionary(
        IDictionary<String^, Object^>^ args
)
```

Parameters

args
Type: System.Collections.Generic.IDictionary(String, Object)
The dictionary to create from

Return Value

an initialized WorkflowArguments instance

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments.GetEnumerator Method

Returns an enumerator that iterates through the collection.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public IEnumerator<KeyValuePair<string, Object>> GetI
```

Visual Basic

```
Public Function GetEnumerator As IEnumerator(Of KeyVa
```

Visual C++

```
public:
virtual IEnumerator<KeyValuePair<String^, Object^>>^
```

Return Value

A IEnumerator(T) that can be used to iterate through the collection.

Implements

IEnumerable(T).GetEnumerator()

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments.GetObjectData Method

The get object data.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public virtual void GetObjectData(
        SerializationInfo info,
        StreamingContext context
)
```

Visual Basic

```
Public Overridable Sub GetObjectData ( _
        info As SerializationInfo, _
        context As StreamingContext _
)
```

Visual C++

```
public:
virtual void GetObjectData(
        SerializationInfo^ info,
        StreamingContext context
)
```

Parameters

info
Type: System.Runtime.Serialization.SerializationInfo
The info.

context
Type: System.Runtime.Serialization.StreamingContext
The context.

Implements

ISerializable.GetObjectData(SerializationInfo, StreamingContext)

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments.Remove Method

WorkflowArguments Class See Also Send Feedback

Overload List

	Name	Description
	Remove(KeyValuePair(String, Object))	Removes the first occurrence of a specific object from the ICollection(T).
	Remove(String)	Removes the element with the specified key from the IDictionary(TKey, TValue).

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments.Remove Method (KeyValuePair(String, Object))

Removes the first occurrence of a specific object from the ICollection(T).

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public bool Remove(
        KeyValuePair<string, Object> item
)
```

Visual Basic

```
Public Function Remove ( _
        item As KeyValuePair(Of String, Object) _
) As Boolean
```

Visual C++

```
public:
virtual bool Remove(
        KeyValuePair<String^, Object^> item
) sealed
```

Parameters

item
Type: System.Collections.Generic.KeyValuePair(String, Object)
The object to remove from the ICollection(T).

Return Value

true if *item* was successfully removed from the ICollection(T); otherwise, false. This method also returns false if *item* is not found in the original ICollection(T).

Implements

ICollection(T).Remove(T)

Exceptions

Exception	Condition
System.NotSupportedException	The ICollection(T) is read-only.

See Also

WorkflowArguments Class
WorkflowArguments Members
Remove Overload
Microsoft.Activities.Extensions Namespace

WorkflowArguments.Remove Method (String)

Removes the element with the specified key from the IDictionary(TKey, TValue).

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public bool Remove(
        string key
)
```

Visual Basic

```
Public Function Remove ( _
        key As String _
) As Boolean
```

Visual C++

```
public:
virtual bool Remove(
        String^ key
) sealed
```

Parameters

key
Type: System.String
The key of the element to remove.

Return Value

true if the element is successfully removed; otherwise, false. This method also returns false if *key* was not found in the original IDictionary(TKey, TValue).

Implements

IDictionary(TKey, TValue).Remove(TKey)

Exceptions

Exception	Condition
System.ArgumentNullException	*key* is null.
System.NotSupportedException	The IDictionary(TKey, TValue) is read-only.

See Also

WorkflowArguments Class
WorkflowArguments Members
Remove Overload
Microsoft.Activities.Extensions Namespace

WorkflowArguments.TryGetMember Method

Provides the implementation for operations that get member values. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as getting a value for a property.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public override bool TryGetMember(
        GetMemberBinder binder,
        out Object result
)
```

Visual Basic

```
Public Overrides Function TryGetMember ( _
        binder As GetMemberBinder, _
        <OutAttribute> ByRef result As Object _
) As Boolean
```

Visual C++

```
public:
virtual bool TryGetMember(
        GetMemberBinder^ binder,
        [OutAttribute] Object^% result
) override
```

Parameters

binder
Type: System.Dynamic.GetMemberBinder
Provides information about the object that called the dynamic operation. The binder.Name property provides the name of the member on which the dynamic operation is performed. For example, for the Console.WriteLine(sampleObject.SampleProperty) statement, where sampleObject is an instance of the class derived from the DynamicObject class, binder.Name returns "SampleProperty". The binder.IgnoreCase property specifies whether the member name is case-sensitive.

result
Type: System.Object
The result of the get operation. For example, if the method is called for a property, you can assign the property value to *result*.

Return Value

true if the operation is successful; otherwise, false. If this method returns false, the run-time binder of the language determines the behavior. (In most cases, a run-time exception is thrown.)

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments.TryGetValue Method

Gets the value associated with the specified key.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public bool TryGetValue(
        string key,
        out Object value
)
```

Visual Basic

```
Public Function TryGetValue ( _
        key As String, _
        <OutAttribute> ByRef value As Object _
) As Boolean
```

Visual C++

```
public:
virtual bool TryGetValue(
        String^ key,
        [OutAttribute] Object^% value
) sealed
```

Parameters

key
Type: System.String
The key whose value to get.

value
Type: System.Object
When this method returns, the value associated with the specified key, if the key is found; otherwise, the default value for the type of the *value* parameter. This parameter is passed uninitialized.

Return Value

true if the object that implements IDictionary(TKey, TValue) contains an element with the specified key; otherwise, false.

Implements

IDictionary(TKey, TValue).TryGetValue(TKey, TValue)

Exceptions

Exception	Condition
System.ArgumentNullException	*key* is null.

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments.TrySetMember Method

Provides the implementation for operations that set member values. Classes derived from the DynamicObject class can override this method to specify dynamic behavior for operations such as setting a value for a property.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public override bool TrySetMember(
        SetMemberBinder binder,
        Object value
)
```

Visual Basic

```
Public Overrides Function TrySetMember ( _
        binder As SetMemberBinder, _
        value As Object _
) As Boolean
```

Visual C++

```
public:
virtual bool TrySetMember(
        SetMemberBinder^ binder,
        Object^ value
) override
```

Parameters

binder
Type: System.Dynamic.SetMemberBinder
Provides information about the object that called the dynamic operation. The binder.Name property provides the name of the member to which the value is being assigned. For example, for the statement sampleObject.SampleProperty = "Test", where sampleObject is an instance of the class derived from the DynamicObject class, binder.Name returns "SampleProperty". The binder.IgnoreCase property specifies whether the member name is case-sensitive.

value
Type: System.Object
The value to set to the member. For example, for sampleObject.SampleProperty = "Test", where sampleObject is an instance of the class derived from the DynamicObject class, the *value* is "Test".

Return Value

true if the operation is successful; otherwise, false. If this method returns false, the run-time binder of the language determines the behavior. (In most cases, a language-specific run-time exception is thrown.)

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments Properties

The WorkflowArguments type exposes the following members.

Properties

	Name	Description
	Count	Gets the number of elements contained in the ICollection(T).
	IsReadOnly	Gets a value indicating whether the ICollection(T) is read-only.
	Item	Gets or sets the element with the specified key.
	Keys	Gets an ICollection(T) containing the keys of the IDictionary(TKey, TValue).
	Values	Gets an ICollection(T) containing the values in the IDictionary(TKey, TValue).

See Also

WorkflowArguments Class

Microsoft.Activities.Extensions Namespace

WorkflowArguments.Count Property

Gets the number of elements contained in the ICollection(T).

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public int Count { get; }
```

Visual Basic

```
Public ReadOnly Property Count As Integer
        Get
```

Visual C++

```
public:
virtual property int Count {
        int get () sealed;
}
```

Return Value

The number of elements contained in the ICollection(T).

Implements

ICollection(T).Count

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments.IsReadOnly Property

Gets a value indicating whether the ICollection(T) is read-only.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public bool IsReadOnly { get; }
```

Visual Basic

```
Public ReadOnly Property IsReadOnly As Boolean
        Get
```

Visual C++

```
public:
virtual property bool IsReadOnly {
        bool get () sealed;
}
```

Return Value

true if the ICollection(T) is read-only; otherwise, false.

Implements

ICollection(T).IsReadOnly

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments.Item Property

Gets or sets the element with the specified key.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Object this[
        string key
] { get; set; }
```

Visual Basic

```
Public Default Property Item ( _
        key As String _
) As Object
        Get
        Set
```

Visual C++

```
public:
virtual property Object^ default[String^ key] {
        Object^ get (String^ key) sealed;
        void set (String^ key, Object^ value) sealed
}
```

Parameters

key
Type: System.String
The key of the element to get or set.

Return Value

The element with the specified key.

Implements

IDictionary(TKey, TValue).Item(TKey)

Exceptions

Exception	Condition
System.ArgumentNullException	*key* is null.
System.Collections.Generic.KeyNotFoundException	The property is retrieved and *key* is not found.
System.NotSupportedException	The property is set and the IDictionary(TKey, TValue) is read-only.

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments.Keys Property

Gets an ICollection(T) containing the keys of the IDictionary(TKey, TValue).

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public ICollection<string> Keys { get; }
```

Visual Basic

```
Public ReadOnly Property Keys As ICollection(Of Stri
        Get
```

Visual C++

```
public:
virtual property ICollection<String^>^ Keys {
        ICollection<String^>^ get () sealed;
}
```

Return Value

An ICollection(T) containing the keys of the object that implements IDictionary(TKey, TValue).

Implements

IDictionary(TKey, TValue).Keys

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowArguments.Values Property

Gets an ICollection(T) containing the values in the IDictionary(TKey, TValue).

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public ICollection<Object> Values { get; }
```

Visual Basic

```
Public ReadOnly Property Values As ICollection(Of Ob
        Get
```

Visual C++

```
public:
virtual property ICollection<Object^>^ Values {
        ICollection<Object^>^ get () sealed;
}
```

Return Value

An ICollection(T) containing the values in the object that implements IDictionary(TKey, TValue).

Implements

IDictionary(TKey, TValue).Values

See Also

WorkflowArguments Class

WorkflowArguments Members

Microsoft.Activities.Extensions Namespace

WorkflowCompletedEpisodeResult Class

The workflow episode result.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class WorkflowCompletedEpisodeResult : Workfl
```

Visual Basic

```
Public Class WorkflowCompletedEpisodeResult _
        Inherits WorkflowEpisodeResult
```

Visual C++

```
public ref class WorkflowCompletedEpisodeResult : pul
```

Inheritance Hierarchy

System.Object
  Microsoft.Activities.Extensions.WorkflowEpisodeResult
    Microsoft.Activities.Extensions.WorkflowCompletedEpisodeResult

See Also

WorkflowCompletedEpisodeResult Members

Microsoft.Activities.Extensions Namespace

WorkflowCompletedEpisodeResult Members

The WorkflowCompletedEpisodeResult type exposes the following members.

Constructors

	Name	Description
	WorkflowCompletedEpisodeResult	Initializes a new instance of the WorkflowCompletedEpisodeResult class.

Methods

	Name	Description
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)

Properties

	Name	Description
	InstanceId	Gets or sets InstanceId. (Inherited from WorkflowEpisodeResult.)
	Outputs	Gets Outputs.
	State	Gets State (Inherited from WorkflowEpisodeResult.)
	TerminationException	Gets TerminationException.

See Also

WorkflowCompletedEpisodeResult Class

Microsoft.Activities.Extensions Namespace

WorkflowCompletedEpisodeResult Constructor

Initializes a new instance of the WorkflowCompletedEpisodeResult class.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowCompletedEpisodeResult(
        WorkflowApplicationCompletedEventArgs args,
        Guid instanceId
)
```

Visual Basic

```
Public Sub New ( _
        args As WorkflowApplicationCompletedEventArgs
        instanceId As Guid _
)
```

Visual C++

```
public:
WorkflowCompletedEpisodeResult(
        WorkflowApplicationCompletedEventArgs^ args,
        Guid instanceId
)
```

Parameters

args
Type: System.Activities.WorkflowApplicationCompletedEventArgs
The event args.

instanceId
Type: System.Guid
The instance Id.

See Also

WorkflowCompletedEpisodeResult Class
WorkflowCompletedEpisodeResult Members
Microsoft.Activities.Extensions Namespace

WorkflowCompletedEpisodeResult Methods

The WorkflowCompletedEpisodeResult type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)

See Also

WorkflowCompletedEpisodeResult Class

Microsoft.Activities.Extensions Namespace

WorkflowCompletedEpisodeResult Properties

The WorkflowCompletedEpisodeResult type exposes the following members.

Properties

	Name	Description
	InstanceId	Gets or sets InstanceId. (Inherited from WorkflowEpisodeResult.)
	Outputs	Gets Outputs.
	State	Gets State (Inherited from WorkflowEpisodeResult.)
	TerminationException	Gets TerminationException.

See Also

WorkflowCompletedEpisodeResult Class

Microsoft.Activities.Extensions Namespace

WorkflowCompletedEpisodeResult.Outputs Property

Gets Outputs.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public IDictionary<string, Object> Outputs { get; in
```

Visual Basic

```
Public Property Outputs As IDictionary(Of String, Ob
        Get
        Friend Set
```

Visual C++

```
public:
property IDictionary<String^, Object^>^ Outputs {
        IDictionary<String^, Object^>^ get ();
        internal: void set (IDictionary<String^, Obj
}
```

See Also

WorkflowCompletedEpisodeResult Class
WorkflowCompletedEpisodeResult Members
Microsoft.Activities.Extensions Namespace

WorkflowCompletedEpisodeResult.TerminationException Property

Gets TerminationException.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Exception TerminationException { get; internal
```

Visual Basic

```
Public Property TerminationException As Exception
        Get
        Friend Set
```

Visual C++

```
public:
property Exception^ TerminationException {
        Exception^ get ();
        internal: void set (Exception^ value);
}
```

See Also

WorkflowCompletedEpisodeResult Class
WorkflowCompletedEpisodeResult Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode Class

The workflow episode.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class WorkflowEpisode : IDisposable
```

Visual Basic

```
Public Class WorkflowEpisode _
        Implements IDisposable
```

Visual C++

```
public ref class WorkflowEpisode : IDisposable
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.WorkflowEpisode

See Also

WorkflowEpisode Members

Microsoft.Activities.Extensions Namespace

WorkflowEpisode Members

The WorkflowEpisode type exposes the following members.

Constructors

	Name	Description
	WorkflowEpisode(Activity)	Initializes a new instance of the WorkflowEpisode class.
	WorkflowEpisode(WorkflowApplication)	Initializes a new instance of the WorkflowEpisode class.

Methods

	Name	Descriptio
	Dispose()	Performs application defined tas associated with freein releasing, c resetting unmanage resources.
	Dispose(Boolean)	Disposes o resources
	Equals	Determines whether th specified Object is equal to th current Object. (Inherited from Objec
	Finalize	Allows an Object to attempt to resources a perform ot cleanup operations before the Object is reclaimed garbage collection. (Inherited from Objec

	GetHashCode	Serves as a hash functi for a particular type. (Inherited from Objec
	GetType	Gets the Ty of the curre instance. (Inherited from Objec
	IdleWithBookmark	Function th will end th episode wh an idle with the target bookmark name is reached
	MemberwiseClone	Creates a shallow co of the curre Object. (Inherited from Objec
	ResumeEpisodeBookmark(String, Object)	Resumes th workflow bookmark runs until t workflow i completed, aborted or timed out
	ResumeEpisodeBookmark(String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Resumes th workflow bookmark runs until t

		workflow i completed, aborted, tir out or idle where the callback indicates th episode should end
	ResumeEpisodeBookmark(String, Object, String)	Resumes th workflow bookmark runs until t workflow i completed, aborted, tir out or idle with a spec bookmark
	ResumeEpisodeBookmarkAsync(String, Object)	Returns a t that will resume a bookmark run until th workflow i completed, aborted or timed out
	ResumeEpisodeBookmarkAsync(String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Returns a t that will resume a bookmark run until th workflow i completed, aborted, tir out or idle where the

		callback indicates th episode should end
	ResumeEpisodeBookmarkAsync(String, Object, String)	Returns a t that will resume a bookmark run until th workflow i completed, aborted, tir out or idle with a spec bookmark
	ResumeEpisodeBookmarkAsync(String, Object, CancellationToken)	Returns a t that will resume a bookmark run until th workflow i completed, aborted or timed out
	ResumeEpisodeBookmarkAsync(String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), CancellationToken)	Returns a t that will resume a bookmark run until th workflow i completed, aborted, tir out or idle where the callback indicates th episode should end

	ResumeEpisodeBookmarkAsync(String, Object, String, CancellationToken)	Returns a t that will resume a bookmark run until th workflow i completed, aborted, tir out or idle with a spec bookmark
	RunEpisode()	Runs an episode synchronou
	RunEpisode(Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Runs an episode synchronou
	RunEpisode(String)	Runs an episode synchronou
	RunEpisodeAsync()	Returns a t that runs a workflow episode
	RunEpisodeAsync(Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Returns a t that runs a workflow episode
	RunEpisodeAsync(String)	Returns a t that runs a workflow episode
	RunEpisodeAsync(CancellationToken)	Returns a t that runs a workflow episode
	RunEpisodeAsync(Func(WorkflowApplicationIdleEventArgs,	Returns a t

	String, Boolean), CancellationToken)	that runs a workflow episode
	RunEpisodeAsync(String, CancellationToken)	Returns a t that runs a workflow episode
	ToString	Returns a String that represents current Object. (Inherited from Objec

Fields

	Name	Description
	DefaultTimeout	The default timeout.

Properties

	Name	Description
	Aborted	Gets or sets Aborted.
	CancellationToken	Gets or sets CancellationToken.
	Completed	Gets or sets Completed.
	Idle	Gets or sets Idle.
	OnUnhandledException	Gets or sets UnhandledException.
	PersistableIdle	Gets or sets PersistableIdle.
	Timeout	Gets or sets Timeout.
	UnhandledExceptionAction	Gets or sets UnhandledExceptionAction.
	Unloaded	Gets or sets the unloaded delegate.
	WorkflowApplication	Gets WorkflowApplication.

See Also

WorkflowEpisode Class

Microsoft.Activities.Extensions Namespace

WorkflowEpisode Constructor

WorkflowEpisode Class See Also Send Feedback

Overload List

	Name	Description
	WorkflowEpisode(Activity)	Initializes a new instance of the WorkflowEpisode class.
	WorkflowEpisode(WorkflowApplication)	Initializes a new instance of the WorkflowEpisode class.

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode Constructor (Activity)

Initializes a new instance of the WorkflowEpisode class.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowEpisode(
        Activity activity
)
```

Visual Basic

```
Public Sub New ( _
        activity As Activity _
)
```

Visual C++

```
public:
WorkflowEpisode(
        Activity^ activity
)
```

Parameters

activity
Type: System.Activities.Activity
The activity.

See Also

WorkflowEpisode Class
WorkflowEpisode Members
WorkflowEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode Constructor (WorkflowApplication)

Initializes a new instance of the WorkflowEpisode class.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowEpisode(
        WorkflowApplication workflowApplication
)
```

Visual Basic

```
Public Sub New ( _
        workflowApplication As WorkflowApplication _
)
```

Visual C++

```
public:
WorkflowEpisode(
        WorkflowApplication^ workflowApplication
)
```

Parameters

workflowApplication
Type: System.Activities.WorkflowApplication
The workflow application.

See Also

WorkflowEpisode Class
WorkflowEpisode Members
WorkflowEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode Fields

The WorkflowEpisode type exposes the following members.

Fields

	Name	Description
	DefaultTimeout	The default timeout.

See Also

WorkflowEpisode Class

Microsoft.Activities.Extensions Namespace

WorkflowEpisode.DefaultTimeout Field

The default timeout.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static readonly TimeSpan DefaultTimeout
```

Visual Basic

```
Public Shared ReadOnly DefaultTimeout As TimeSpan
```

Visual C++

```
public:
static initonly TimeSpan DefaultTimeout
```

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode Methods

The WorkflowEpisode type exposes the following members.

Methods

	Name	Descriptio
	Dispose()	Performs application defined tas associated with freein releasing, c resetting unmanage resources.
	Dispose(Boolean)	Disposes o resources
	Equals	Determines whether th specified Object is equal to th current Object. (Inherited from Objec
	Finalize	Allows an Object to attempt to resources a perform ot cleanup operations before the Object is reclaimed garbage collection. (Inherited from Objec

	GetHashCode	Serves as a hash functi for a particular type. (Inherited from Objec
	GetType	Gets the Ty of the curre instance. (Inherited from Objec
	IdleWithBookmark	Function th will end th episode wh an idle with the target bookmark name is reached
	MemberwiseClone	Creates a shallow co of the curre Object. (Inherited from Objec
	ResumeEpisodeBookmark(String, Object)	Resumes th workflow bookmark runs until t workflow i completed, aborted or timed out
	ResumeEpisodeBookmark(String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Resumes th workflow bookmark runs until t

		workflow i completed, aborted, tir out or idle where the callback indicates th episode should end
	ResumeEpisodeBookmark(String, Object, String)	Resumes th workflow bookmark runs until t workflow i completed, aborted, tir out or idle with a spec bookmark
	ResumeEpisodeBookmarkAsync(String, Object)	Returns a t that will resume a bookmark run until th workflow i completed, aborted or timed out
	ResumeEpisodeBookmarkAsync(String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Returns a t that will resume a bookmark run until th workflow i completed, aborted, tir out or idle where the

		callback indicates th episode should end
	ResumeEpisodeBookmarkAsync(String, Object, String)	Returns a t that will resume a bookmark run until th workflow i completed, aborted, tir out or idle with a spec bookmark
	ResumeEpisodeBookmarkAsync(String, Object, CancellationToken)	Returns a t that will resume a bookmark run until th workflow i completed, aborted or timed out
	ResumeEpisodeBookmarkAsync(String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), CancellationToken)	Returns a t that will resume a bookmark run until th workflow i completed, aborted, tir out or idle where the callback indicates th episode should end

	ResumeEpisodeBookmarkAsync(String, Object, String, CancellationToken)	Returns a t that will resume a bookmark run until th workflow i completed, aborted, tir out or idle with a spec bookmark
	RunEpisode()	Runs an episode synchronou
	RunEpisode(Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Runs an episode synchronou
	RunEpisode(String)	Runs an episode synchronou
	RunEpisodeAsync()	Returns a t that runs a workflow episode
	RunEpisodeAsync(Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Returns a t that runs a workflow episode
	RunEpisodeAsync(String)	Returns a t that runs a workflow episode
	RunEpisodeAsync(CancellationToken)	Returns a t that runs a workflow episode
	RunEpisodeAsync(Func(WorkflowApplicationIdleEventArgs,	Returns a t

	String, Boolean), CancellationToken)	that runs a workflow episode
	RunEpisodeAsync(String, CancellationToken)	Returns a t that runs a workflow episode
	ToString	Returns a String that represents current Object. (Inherited from Objec

See Also

WorkflowEpisode Class

Microsoft.Activities.Extensions Namespace

WorkflowEpisode.Dispose Method

Overload List

	Name	Description
	Dispose()	Performs application-defined tasks associated with freeing, releasing, or resetting unmanaged resources.
	Dispose(Boolean)	Disposes of resources

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.Dispose Method

Performs application-defined tasks associated with freeing, releasing, or resetting unmanaged resources.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void Dispose()
```

Visual Basic

```
Public Sub Dispose
```

Visual C++

```
public:
virtual void Dispose() sealed
```

Implements

IDisposable.Dispose()

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Dispose Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.Dispose Method (Boolean)

Disposes of resources

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected virtual void Dispose(
        bool disposing
)
```

Visual Basic

```
Protected Overridable Sub Dispose ( _
        disposing As Boolean _
)
```

Visual C++

```
protected:
virtual void Dispose(
        bool disposing
)
```

Parameters

disposing
Type: System.Boolean
The disposing.

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Dispose Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.IdleWithBookmark Method

Function that will end the episode when an idle with the target bookmark name is reached

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public bool IdleWithBookmark(
        WorkflowApplicationIdleEventArgs args,
        string targetBookmarkName
)
```

Visual Basic

```
Public Function IdleWithBookmark ( _
        args As WorkflowApplicationIdleEventArgs, _
        targetBookmarkName As String _
) As Boolean
```

Visual C++

```
public:
bool IdleWithBookmark(
        WorkflowApplicationIdleEventArgs^ args,
        String^ targetBookmarkName
)
```

Parameters

args
Type: System.Activities.WorkflowApplicationIdleEventArgs
The idle event args.

targetBookmarkName
Type: System.String
The target Bookmark.

Return Value

true if the idle arguments contains a bookmark with the target bookmark name

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.ResumeEpisodeBookmark Method

Overload List

	Name	Description
	ResumeEpisodeBookmark(String, Object)	Resumes the workflow bookmark and runs until the workflow is completed, aborted or timed out
	ResumeEpisodeBookmark(String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Resumes the workflow bookmark and runs until the workflow is completed, aborted, timed out or idle where the callback indicates the episode should end
	ResumeEpisodeBookmark(String, Object, String)	Resumes the workflow bookmark and runs until the workflow is completed, aborted, timed out or idle with a specific bookmark

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.ResumeEpisodeBookmark Method (String, Object)

Resumes the workflow bookmark and runs until the workflow is completed, aborted or timed out

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowEpisodeResult ResumeEpisodeBookmark(
        string bookmarkName,
        Object value
)
```

Visual Basic

```
Public Function ResumeEpisodeBookmark ( _
        bookmarkName As String, _
        value As Object _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
WorkflowEpisodeResult^ ResumeEpisodeBookmark(
        String^ bookmarkName,
        Object^ value
)
```

Parameters

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

Return Value

The episode result

Exceptions

Exception	Condition
Microsoft.Activities.Extensions.BookmarkResumptionException	Failed to resume bookmark

See Also

WorkflowEpisode Class
WorkflowEpisode Members
ResumeEpisodeBookmark Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.ResumeEpisodeBookmark Method (String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))

Resumes the workflow bookmark and runs until the workflow is completed, aborted, timed out or idle where the callback indicates the episode should end

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowEpisodeResult ResumeEpisodeBookmark(
        string bookmarkName,
        Object value,
        Func<WorkflowApplicationIdleEventArgs, strin
)
```

Visual Basic

```
Public Function ResumeEpisodeBookmark ( _
        bookmarkName As String, _
        value As Object, _
        idleEventCallback As Func(Of WorkflowApplica
) As WorkflowEpisodeResult
```

Visual C++

```
public:
WorkflowEpisodeResult^ ResumeEpisodeBookmark(
        String^ bookmarkName,
        Object^ value,
        Func<WorkflowApplicationIdleEventArgs^, Stri
)
```

Parameters

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle event callback.

Return Value

The WorkflowEpisodeResult that ended the episode

Exceptions

Exception	Condition
Microsoft.Activities.Extensions.BookmarkResumptionException	Failed to resume bookmark

See Also

WorkflowEpisode Class
WorkflowEpisode Members
ResumeEpisodeBookmark Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.ResumeEpisodeBookmark Method (String, Object, String)

Resumes the workflow bookmark and runs until the workflow is completed, aborted, timed out or idle with a specific bookmark

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowEpisodeResult ResumeEpisodeBookmark(
        string bookmarkName,
        Object value,
        string waitForBookmarkName
)
```

Visual Basic

```
Public Function ResumeEpisodeBookmark ( _
        bookmarkName As String, _
        value As Object, _
        waitForBookmarkName As String _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
WorkflowEpisodeResult^ ResumeEpisodeBookmark(
        String^ bookmarkName,
        Object^ value,
        String^ waitForBookmarkName
)
```

Parameters

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

waitForBookmarkName
Type: System.String
The wait For Bookmark Name.

Return Value

The episode result

Exceptions

Exception	Condition
Microsoft.Activities.Extensions.BookmarkResumptionException	Failed to resume bookmark

See Also

WorkflowEpisode Class
WorkflowEpisode Members
ResumeEpisodeBookmark Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.ResumeEpisodeBookmarkAsync Method

Overload List

	Name	Description
	ResumeEpisodeBookmarkAsync(String, Object)	Returns a task that will resume a bookmark and run until the workflow is completed, aborted or timed out
	ResumeEpisodeBookmarkAsync(String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Returns a task that will resume a bookmark and run until the workflow is completed, aborted, timed out or idle where the callback indicates the episode should end
	ResumeEpisodeBookmarkAsync(String, Object, String)	Returns a task that will resume a bookmark and run until the workflow is completed, aborted, timed out or idle with a specific bookmark
	ResumeEpisodeBookmarkAsync(String, Object, CancellationToken)	Returns a task that will resume a bookmark and run until the workflow is completed, aborted or timed out
	ResumeEpisodeBookmarkAsync(String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), CancellationToken)	Returns a task that will resume a bookmark and run until the workflow is completed, aborted, timed out or idle where the callback indicates the episode should end
	ResumeEpisodeBookmarkAsync(String,	Returns a task that will

	Object, String, CancellationToken)	resume a bookmark and run until the workflow is completed, aborted, timed out or idle with a specific bookmark

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.ResumeEpisodeBookmarkAsync Method (String, Object)

Returns a task that will resume a bookmark and run until the workflow is completed, aborted or timed out

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Task<WorkflowEpisodeResult> ResumeEpisodeBookm
        string bookmarkName,
        Object value
)
```

Visual Basic

```
Public Function ResumeEpisodeBookmarkAsync ( _
        bookmarkName As String, _
        value As Object _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
Task<WorkflowEpisodeResult^>^ ResumeEpisodeBookmarkAs
        String^ bookmarkName,
        Object^ value
)
```

Parameters

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

Return Value

A task that will resume the bookmark

See Also

WorkflowEpisode Class
WorkflowEpisode Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.ResumeEpisodeBookmarkAsync Method (String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean))

Returns a task that will resume a bookmark and run until the workflow is completed, aborted, timed out or idle where the callback indicates the episode should end

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Task<WorkflowEpisodeResult> ResumeEpisodeBookm
        string bookmarkName,
        Object value,
        Func<WorkflowApplicationIdleEventArgs, string
)
```

Visual Basic

```
Public Function ResumeEpisodeBookmarkAsync ( _
        bookmarkName As String, _
        value As Object, _
        idleEventCallback As Func(Of WorkflowApplicat
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
Task<WorkflowEpisodeResult^>^ ResumeEpisodeBookmarkAs
        String^ bookmarkName,
        Object^ value,
        Func<WorkflowApplicationIdleEventArgs^, Strin
)
```

Parameters

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle event callback.

Return Value

A task that will resume the bookmark

See Also

WorkflowEpisode Class
WorkflowEpisode Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.ResumeEpisodeBookmarkAsync Method (String, Object, String)

Returns a task that will resume a bookmark and run until the workflow is completed, aborted, timed out or idle with a specific bookmark

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Task<WorkflowEpisodeResult> ResumeEpisodeBookm
        string bookmarkName,
        Object value,
        string waitForBookmarkName
)
```

Visual Basic

```
Public Function ResumeEpisodeBookmarkAsync ( _
        bookmarkName As String, _
        value As Object, _
        waitForBookmarkName As String _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
Task<WorkflowEpisodeResult^>^ ResumeEpisodeBookmarkAs
        String^ bookmarkName,
        Object^ value,
        String^ waitForBookmarkName
)
```

Parameters

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

waitForBookmarkName
Type: System.String
The wait For Bookmark Name.

Return Value

A task that will resume the bookmark

See Also

WorkflowEpisode Class
WorkflowEpisode Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.ResumeEpisodeBookmarkAsync Method (String, Object, CancellationToken)

Returns a task that will resume a bookmark and run until the workflow is completed, aborted or timed out

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Task<WorkflowEpisodeResult> ResumeEpisodeBookm
        string bookmarkName,
        Object value,
        CancellationToken token
)
```

Visual Basic

```
Public Function ResumeEpisodeBookmarkAsync ( _
        bookmarkName As String, _
        value As Object, _
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
Task<WorkflowEpisodeResult^>^ ResumeEpisodeBookmarkAs
        String^ bookmarkName,
        Object^ value,
        CancellationToken token
)
```

Parameters

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

token
Type: System.Threading.CancellationToken
The cancellation token.

Return Value

A task that will resume the bookmark

See Also

WorkflowEpisode Class
WorkflowEpisode Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.ResumeEpisodeBookmarkAsync Method (String, Object, Func(WorkflowApplicationIdleEventArgs, String, Boolean), CancellationToken)

Returns a task that will resume a bookmark and run until the workflow is completed, aborted, timed out or idle where the callback indicates the episode should end

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Task<WorkflowEpisodeResult> ResumeEpisodeBookm
        string bookmarkName,
        Object value,
        Func<WorkflowApplicationIdleEventArgs, string
        CancellationToken token
)
```

Visual Basic

```
Public Function ResumeEpisodeBookmarkAsync ( _
        bookmarkName As String, _
        value As Object, _
        idleEventCallback As Func(Of WorkflowApplicat
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
Task<WorkflowEpisodeResult^>^ ResumeEpisodeBookmarkAs
        String^ bookmarkName,
        Object^ value,
        Func<WorkflowApplicationIdleEventArgs^, Strin
        CancellationToken token
)
```

Parameters

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle event callback.

token
Type: System.Threading.CancellationToken
The cancellation token.

Return Value

A task that will resume the bookmark

See Also

WorkflowEpisode Class
WorkflowEpisode Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.ResumeEpisodeBookmarkAsync Method (String, Object, String, CancellationToken)

Returns a task that will resume a bookmark and run until the workflow is completed, aborted, timed out or idle with a specific bookmark

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Task<WorkflowEpisodeResult> ResumeEpisodeBookm
        string bookmarkName,
        Object value,
        string waitForBookmarkName,
        CancellationToken token
)
```

Visual Basic

```
Public Function ResumeEpisodeBookmarkAsync ( _
        bookmarkName As String, _
        value As Object, _
        waitForBookmarkName As String, _
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
Task<WorkflowEpisodeResult^>^ ResumeEpisodeBookmarkAs
        String^ bookmarkName,
        Object^ value,
        String^ waitForBookmarkName,
        CancellationToken token
)
```

Parameters

bookmarkName
Type: System.String
The bookmark name.

value
Type: System.Object
The value to resume the bookmark with

waitForBookmarkName
Type: System.String
The wait For Bookmark Name.

token
Type: System.Threading.CancellationToken
The cancellation token.

Return Value

A task that will resume the bookmark

See Also

WorkflowEpisode Class
WorkflowEpisode Members
ResumeEpisodeBookmarkAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.RunEpisode Method

WorkflowEpisode Class See Also Send Feedback

Overload List

	Name	Description
	RunEpisode()	Runs an episode synchronously
	RunEpisode(Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Runs an episode synchronously
	RunEpisode(String)	Runs an episode synchronously

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.RunEpisode Method

Runs an episode synchronously

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowEpisodeResult RunEpisode()
```

Visual Basic

```
Public Function RunEpisode As WorkflowEpisodeResult
```

Visual C++

```
public:
WorkflowEpisodeResult^ RunEpisode()
```

Return Value

An episode result

Exceptions

Exception	Condition
System.TimeoutException	The episode did not complete before timeout

See Also

WorkflowEpisode Class
WorkflowEpisode Members
RunEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.RunEpisode Method (Func(WorkflowApplicationIdleEventArgs, String, Boolean))

Runs an episode synchronously

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowEpisodeResult RunEpisode(
        Func<WorkflowApplicationIdleEventArgs, string
)
```

Visual Basic

```
Public Function RunEpisode ( _
        idleEventCallback As Func(Of WorkflowApplica
) As WorkflowEpisodeResult
```

Visual C++

```
public:
WorkflowEpisodeResult^ RunEpisode(
        Func<WorkflowApplicationIdleEventArgs^, Stri
)
```

Parameters

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
Function that determines if a given idle event should end the episode

Return Value

An episode result

Exceptions

Exception	Condition
System.TimeoutException	The episode did not complete before timeout

See Also

WorkflowEpisode Class
WorkflowEpisode Members
RunEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.RunEpisode Method (String)

Runs an episode synchronously

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowEpisodeResult RunEpisode(
        string waitForBookmarkName
)
```

Visual Basic

```
Public Function RunEpisode ( _
        waitForBookmarkName As String _
) As WorkflowEpisodeResult
```

Visual C++

```
public:
WorkflowEpisodeResult^ RunEpisode(
        String^ waitForBookmarkName
)
```

Parameters

waitForBookmarkName
Type: System.String
The workflow will run until an idle event which contains this bookmark name.

Return Value

An episode result

Exceptions

Exception	Condition
System.TimeoutException	The episode did not complete before timeout

See Also

WorkflowEpisode Class
WorkflowEpisode Members
RunEpisode Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.RunEpisodeAsync Method

Overload List

	Name	Descriptio
	RunEpisodeAsync()	Returns a task that runs a workflow episode
	RunEpisodeAsync(Func(WorkflowApplicationIdleEventArgs, String, Boolean))	Returns a task that runs a workflow episode
	RunEpisodeAsync(String)	Returns a task that runs a workflow episode
	RunEpisodeAsync(CancellationToken)	Returns a task that runs a workflow episode
	RunEpisodeAsync(Func(WorkflowApplicationIdleEventArgs, String, Boolean), CancellationToken)	Returns a task that runs a workflow episode
	RunEpisodeAsync(String, CancellationToken)	Returns a task that runs a workflow episode

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.RunEpisodeAsync Method

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Task<WorkflowEpisodeResult> RunEpisodeAsync()
```

Visual Basic

```
Public Function RunEpisodeAsync As Task(Of WorkflowE
```

Visual C++

```
public:
Task<WorkflowEpisodeResult^>^ RunEpisodeAsync()
```

Return Value

A task for running the activity async

See Also

WorkflowEpisode Class
WorkflowEpisode Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.RunEpisodeAsync Method (Func(WorkflowApplicationIdleEventArgs, String, Boolean))

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Task<WorkflowEpisodeResult> RunEpisodeAsync(
        Func<WorkflowApplicationIdleEventArgs, string
)
```

Visual Basic

```
Public Function RunEpisodeAsync ( _
        idleEventCallback As Func(Of WorkflowApplica
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
Task<WorkflowEpisodeResult^>^ RunEpisodeAsync(
        Func<WorkflowApplicationIdleEventArgs^, Stri
)
```

Parameters

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle Event Callback.

Return Value

A task for running the workflow until an idle event with the given bookmark occurs

See Also

WorkflowEpisode Class
WorkflowEpisode Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.RunEpisodeAsync Method (String)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Task<WorkflowEpisodeResult> RunEpisodeAsync(
        string waitForBookmarkName
)
```

Visual Basic

```
Public Function RunEpisodeAsync ( _
        waitForBookmarkName As String _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
Task<WorkflowEpisodeResult^>^ RunEpisodeAsync(
        String^ waitForBookmarkName
)
```

Parameters

waitForBookmarkName
Type: System.String
The bookmark name.

Return Value

A task for running the workflow until an idle event with the given bookmark occurs

See Also

WorkflowEpisode Class
WorkflowEpisode Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.RunEpisodeAsync Method (CancellationToken)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Task<WorkflowEpisodeResult> RunEpisodeAsync(
        CancellationToken token
)
```

Visual Basic

```
Public Function RunEpisodeAsync ( _
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
Task<WorkflowEpisodeResult^>^ RunEpisodeAsync(
        CancellationToken token
)
```

Parameters

token
Type: System.Threading.CancellationToken
The cancellation token.

Return Value

A task for running the activity async

See Also

WorkflowEpisode Class
WorkflowEpisode Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.RunEpisodeAsync Method (Func(WorkflowApplicationIdleEventArgs, String, Boolean), CancellationToken)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Task<WorkflowEpisodeResult> RunEpisodeAsync(
        Func<WorkflowApplicationIdleEventArgs, string
        CancellationToken token
)
```

Visual Basic

```
Public Function RunEpisodeAsync ( _
        idleEventCallback As Func(Of WorkflowApplica
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
Task<WorkflowEpisodeResult^>^ RunEpisodeAsync(
        Func<WorkflowApplicationIdleEventArgs^, Stri
        CancellationToken token
)
```

Parameters

idleEventCallback
Type: System.Func(WorkflowApplicationIdleEventArgs, String, Boolean)
The idle Event Callback.

token
Type: System.Threading.CancellationToken
The cancellation token

Return Value

A task for running the workflow until an idle event with the given bookmark occurs

See Also

WorkflowEpisode Class
WorkflowEpisode Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.RunEpisodeAsync Method (String, CancellationToken)

Returns a task that runs a workflow episode

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Task<WorkflowEpisodeResult> RunEpisodeAsync(
        string waitForBookmarkName,
        CancellationToken token
)
```

Visual Basic

```
Public Function RunEpisodeAsync ( _
        waitForBookmarkName As String, _
        token As CancellationToken _
) As Task(Of WorkflowEpisodeResult)
```

Visual C++

```
public:
Task<WorkflowEpisodeResult^>^ RunEpisodeAsync(
        String^ waitForBookmarkName,
        CancellationToken token
)
```

Parameters

waitForBookmarkName
Type: System.String
The bookmark name.

token
Type: System.Threading.CancellationToken
The cancellation token

Return Value

A task for running the workflow until an idle event with the given bookmark occurs

See Also

WorkflowEpisode Class
WorkflowEpisode Members
RunEpisodeAsync Overload
Microsoft.Activities.Extensions Namespace

WorkflowEpisode Properties

The WorkflowEpisode type exposes the following members.

Properties

	Name	Description
	Aborted	Gets or sets Aborted.
	CancellationToken	Gets or sets CancellationToken.
	Completed	Gets or sets Completed.
	Idle	Gets or sets Idle.
	OnUnhandledException	Gets or sets UnhandledException.
	PersistableIdle	Gets or sets PersistableIdle.
	Timeout	Gets or sets Timeout.
	UnhandledExceptionAction	Gets or sets UnhandledExceptionAction.
	Unloaded	Gets or sets the unloaded delegate.
	WorkflowApplication	Gets WorkflowApplication.

See Also

WorkflowEpisode Class

Microsoft.Activities.Extensions Namespace

WorkflowEpisode.Aborted Property

Gets or sets Aborted.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected Action<WorkflowApplicationAbortedEventArgs>
```

Visual Basic

```
Protected Property Aborted As Action(Of WorkflowAppli
        Get
        Set
```

Visual C++

```
protected:
property Action<WorkflowApplicationAbortedEventArgs^>
        Action<WorkflowApplicationAbortedEventArgs^>^
        void set (Action<WorkflowApplicationAbortedEv
}
```

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.CancellationToken Property

Gets or sets CancellationToken.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public CancellationToken CancellationToken { get; se
```

Visual Basic

```
Public Property CancellationToken As CancellationTok
        Get
        Set
```

Visual C++

```
public:
property CancellationToken CancellationToken {
        CancellationToken get ();
        void set (CancellationToken value);
}
```

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.Completed Property

Gets or sets Completed.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected Action<WorkflowApplicationCompletedEventAr
```

Visual Basic

```
Protected Property Completed As Action(Of WorkflowAp
        Get
        Set
```

Visual C++

```
protected:
property Action<WorkflowApplicationCompletedEventArg
        Action<WorkflowApplicationCompletedEventArgs
        void set (Action<WorkflowApplicationComplete
}
```

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.Idle Property

Gets or sets Idle.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected Action<WorkflowApplicationIdleEventArgs> I
```

Visual Basic

```
Protected Property Idle As Action(Of WorkflowApplica
        Get
        Set
```

Visual C++

```
protected:
property Action<WorkflowApplicationIdleEventArgs^>^ I
        Action<WorkflowApplicationIdleEventArgs^>^ g
        void set (Action<WorkflowApplicationIdleEven
}
```

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.OnUnhandledException Property

Gets or sets UnhandledException.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected Func<WorkflowApplicationUnhandledExceptionE
```

Visual Basic

```
Protected Property OnUnhandledException As Func(Of Wo
        Get
        Set
```

Visual C++

```
protected:
property Func<WorkflowApplicationUnhandledExceptionEv
        Func<WorkflowApplicationUnhandledExceptionEve
        void set (Func<WorkflowApplicationUnhandledEx
}
```

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.PersistableIdle Property

Gets or sets PersistableIdle.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected Func<WorkflowApplicationIdleEventArgs, Pers
```

Visual Basic

```
Protected Property PersistableIdle As Func(Of Workfl
        Get
        Set
```

Visual C++

```
protected:
property Func<WorkflowApplicationIdleEventArgs^, Pers
        Func<WorkflowApplicationIdleEventArgs^, Pers
        void set (Func<WorkflowApplicationIdleEventA
}
```

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.Timeout Property

Gets or sets Timeout.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public TimeSpan Timeout { get; set; }
```

Visual Basic

```
Public Property Timeout As TimeSpan
        Get
        Set
```

Visual C++

```
public:
property TimeSpan Timeout {
        TimeSpan get ();
        void set (TimeSpan value);
}
```

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.UnhandledExceptionAction Property

Gets or sets UnhandledExceptionAction.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public UnhandledExceptionAction UnhandledExceptionAc
```

Visual Basic

```
Public Property UnhandledExceptionAction As Unhandle
        Get
        Set
```

Visual C++

```
public:
property UnhandledExceptionAction UnhandledException
        UnhandledExceptionAction get ();
        void set (UnhandledExceptionAction value);
}
```

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.Unloaded Property

Gets or sets the unloaded delegate.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected Action<WorkflowApplicationEventArgs> Unloa
```

Visual Basic

```
Protected Property Unloaded As Action(Of WorkflowAppl
        Get
        Set
```

Visual C++

```
protected:
property Action<WorkflowApplicationEventArgs^>^ Unloa
        Action<WorkflowApplicationEventArgs^>^ get (
        void set (Action<WorkflowApplicationEventArgs
}
```

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisode.WorkflowApplication Property

Gets WorkflowApplication.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowApplication WorkflowApplication { get
```

Visual Basic

```
Public Property WorkflowApplication As WorkflowApplic
        Get
        Private Set
```

Visual C++

```
public:
property WorkflowApplication^ WorkflowApplication {
        WorkflowApplication^ get ();
        private: void set (WorkflowApplication^ valu
}
```

See Also

WorkflowEpisode Class
WorkflowEpisode Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisodeResult Class

Base class for workflow episodes

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public abstract class WorkflowEpisodeResult
```

Visual Basic

```
Public MustInherit Class WorkflowEpisodeResult
```

Visual C++

```
public ref class WorkflowEpisodeResult abstract
```

Inheritance Hierarchy

System.Object
  Microsoft.Activities.Extensions.WorkflowEpisodeResult
    Microsoft.Activities.Extensions.WorkflowAbortedEpisodeResult
    Microsoft.Activities.Extensions.WorkflowCompletedEpisodeResult
    Microsoft.Activities.Extensions.WorkflowIdleEpisodeResult

See Also

WorkflowEpisodeResult Members

Microsoft.Activities.Extensions Namespace

WorkflowEpisodeResult Members

The WorkflowEpisodeResult type exposes the following members.

Constructors

	Name	Description
	WorkflowEpisodeResult	Initializes a new instance of the WorkflowEpisodeResult class

Methods

	Name	Description
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)

Properties

	Name	Description
	InstanceId	Gets or sets InstanceId.
	State	Gets State

See Also

WorkflowEpisodeResult Class

Microsoft.Activities.Extensions Namespace

WorkflowEpisodeResult Constructor

Initializes a new instance of the WorkflowEpisodeResult class

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected WorkflowEpisodeResult()
```

Visual Basic

```
Protected Sub New
```

Visual C++

```
protected:
WorkflowEpisodeResult()
```

See Also

WorkflowEpisodeResult Class
WorkflowEpisodeResult Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisodeResult Methods

The WorkflowEpisodeResult type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)

See Also

WorkflowEpisodeResult Class

Microsoft.Activities.Extensions Namespace

WorkflowEpisodeResult Properties

The WorkflowEpisodeResult type exposes the following members.

Properties

	Name	Description
	InstanceId	Gets or sets InstanceId.
	State	Gets State

See Also

WorkflowEpisodeResult Class

Microsoft.Activities.Extensions Namespace

WorkflowEpisodeResult.InstanceId Property

Gets or sets InstanceId.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Guid InstanceId { get; set; }
```

Visual Basic

```
Public Property InstanceId As Guid
        Get
        Set
```

Visual C++

```
public:
property Guid InstanceId {
        Guid get ();
        void set (Guid value);
}
```

See Also

WorkflowEpisodeResult Class
WorkflowEpisodeResult Members
Microsoft.Activities.Extensions Namespace

WorkflowEpisodeResult.State Property

Gets State

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public ActivityInstanceState State { get; internal s
```

Visual Basic

```
Public Property State As ActivityInstanceState
        Get
        Friend Set
```

Visual C++

```
public:
property ActivityInstanceState State {
        ActivityInstanceState get ();
        internal: void set (ActivityInstanceState va
}
```

See Also

WorkflowEpisodeResult Class
WorkflowEpisodeResult Members
Microsoft.Activities.Extensions Namespace

WorkflowIdleEpisodeResult Class

Result when a workflow episode ends with idle

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class WorkflowIdleEpisodeResult : WorkflowEpi
```

Visual Basic

```
Public Class WorkflowIdleEpisodeResult _
        Inherits WorkflowEpisodeResult
```

Visual C++

```
public ref class WorkflowIdleEpisodeResult : public W
```

Inheritance Hierarchy

System.Object
  Microsoft.Activities.Extensions.WorkflowEpisodeResult
    Microsoft.Activities.Extensions.WorkflowIdleEpisodeResult

See Also

WorkflowIdleEpisodeResult Members

Microsoft.Activities.Extensions Namespace

WorkflowIdleEpisodeResult Members

The WorkflowIdleEpisodeResult type exposes the following members.

Constructors

	Name	Description
	WorkflowIdleEpisodeResult	Initializes a new instance of the WorkflowIdleEpisodeResult class.

Methods

	Name	Description
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)

Properties

	Name	Description
	IdleArgs	Gets IdleArgs.
	InstanceId	Gets or sets InstanceId. (Inherited from WorkflowEpisodeResult.)
	State	Gets State (Inherited from WorkflowEpisodeResult.)
	Unloaded	Gets or sets a value indicating whether Unloaded.

See Also

WorkflowIdleEpisodeResult Class

Microsoft.Activities.Extensions Namespace

WorkflowIdleEpisodeResult Constructor

Initializes a new instance of the WorkflowIdleEpisodeResult class.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowIdleEpisodeResult(
        WorkflowApplicationIdleEventArgs args,
        Guid instanceId
)
```

Visual Basic

```
Public Sub New ( _
        args As WorkflowApplicationIdleEventArgs, _
        instanceId As Guid _
)
```

Visual C++

```
public:
WorkflowIdleEpisodeResult(
        WorkflowApplicationIdleEventArgs^ args,
        Guid instanceId
)
```

Parameters

args
Type: System.Activities.WorkflowApplicationIdleEventArgs
The event args.

instanceId
Type: System.Guid
The instance Id.

See Also

WorkflowIdleEpisodeResult Class
WorkflowIdleEpisodeResult Members
Microsoft.Activities.Extensions Namespace

WorkflowIdleEpisodeResult Methods

The WorkflowIdleEpisodeResult type exposes the following members.

Methods

	Name	Description
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)

See Also

WorkflowIdleEpisodeResult Class

Microsoft.Activities.Extensions Namespace

WorkflowIdleEpisodeResult Properties

The WorkflowIdleEpisodeResult type exposes the following members.

Properties

	Name	Description
	IdleArgs	Gets IdleArgs.
	InstanceId	Gets or sets InstanceId. (Inherited from WorkflowEpisodeResult.)
	State	Gets State (Inherited from WorkflowEpisodeResult.)
	Unloaded	Gets or sets a value indicating whether Unloaded.

See Also

WorkflowIdleEpisodeResult Class

Microsoft.Activities.Extensions Namespace

WorkflowIdleEpisodeResult.IdleArgs Property

Gets IdleArgs.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowApplicationIdleEventArgs IdleArgs { g
```

Visual Basic

```
Public Property IdleArgs As WorkflowApplicationIdleEv
        Get
        Friend Set
```

Visual C++

```
public:
property WorkflowApplicationIdleEventArgs^ IdleArgs
        WorkflowApplicationIdleEventArgs^ get ();
        internal: void set (WorkflowApplicationIdleEv
}
```

See Also

WorkflowIdleEpisodeResult Class
WorkflowIdleEpisodeResult Members
Microsoft.Activities.Extensions Namespace

WorkflowIdleEpisodeResult.Unloaded Property

Gets or sets a value indicating whether Unloaded.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public bool Unloaded { get; set; }
```

Visual Basic

```
Public Property Unloaded As Boolean
        Get
        Set
```

Visual C++

```
public:
property bool Unloaded {
        bool get ();
        void set (bool value);
}
```

See Also

WorkflowIdleEpisodeResult Class
WorkflowIdleEpisodeResult Members
Microsoft.Activities.Extensions Namespace

XamlAssemblyResolutionOption Enumeration

See Also Send Feedback

The xaml assembly resolution option.

Namespace: Microsoft.Activities.Extensions
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public enum XamlAssemblyResolutionOption
```

Visual Basic

```
Public Enumeration XamlAssemblyResolutionOption
```

Visual C++

```
public enum class XamlAssemblyResolutionOption
```

Members

	Member name	Value	Description
	FullName	0	Will load an assemblies with matching Name, Version and PublicKeyToken (Default CLR behavior).
	VersionIndependent	1	Will load an assemblies with matching Name and PublicKeyToken (WF4 behavior).

See Also

Microsoft.Activities.Extensions Namespace

Microsoft.Activities.Extensions.Diagnostics Namespace

Send Feedback

Classes that provide Diagnostic support for Workflows and Workflow Services

Classes

	Class	Description
	TraceTrackingParticipant	Outputs tracking records to System.Diagnostics.Trac
	WorkflowApplicationIdleEventArgsDiagnostics	The workflow applicatio idle event args diagnostics.
	WorkflowServiceTraceBehavior	The workflow service trace behavior.
	WorkflowServiceTraceElement	The workflow service trace element.

TraceTrackingParticipant Class

Outputs tracking records to System.Diagnostics.Trace

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class TraceTrackingParticipant : TrackingPart
```

Visual Basic

```
Public Class TraceTrackingParticipant _
        Inherits TrackingParticipant
```

Visual C++

```
public ref class TraceTrackingParticipant : public T
```

Inheritance Hierarchy

System.Object
  System.Activities.Tracking.TrackingParticipant
    Microsoft.Activities.Extensions.Diagnostics.TraceTrackingParticipant

See Also

TraceTrackingParticipant Members

Microsoft.Activities.Extensions.Diagnostics Namespace

TraceTrackingParticipant Members

The TraceTrackingParticipant type exposes the following members.

Constructors

	Name	Description
	TraceTrackingParticipant()	Initializes a new instance of the TraceTrackingParticipant class.
	TraceTrackingParticipant(TraceSource)	Initializes a new instance of the TraceTrackingParticipant class.
	TraceTrackingParticipant(TrackingOptions)	Initializes a new instance of the TraceTrackingParticipant class.
	TraceTrackingParticipant(TraceSource, TrackingOptions)	Initializes a new instance of the TraceTrackingParticipant class.

Methods

	Name	Description
	BeginTrack	When implemented in a derived class, begins asynchronous processing of the tracking record. (Inherited from TrackingParticipant.)
	EndTrack	When implemented in a derived class, represents the end of an asynchronous tracking operation. (Inherited from TrackingParticipant.)
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)
	Track	Track the record (Overrides TrackingParticipant.Track(TrackingRecord, TimeSpan).)

Properties

	Name	Description
	TrackingProfile	The tracking profile object used by the tracking participant. Before adding the tracking participant to the workflow extensions, the tracking profile is set on the participant. (Inherited from TrackingParticipant.)

See Also

TraceTrackingParticipant Class

Microsoft.Activities.Extensions.Diagnostics Namespace

TraceTrackingParticipant Constructor

TraceTrackingParticipant Class See Also Send Feedback

Overload List

	Name	Description
	TraceTrackingParticipant()	Initializes a new instance of the TraceTrackingParticipant class.
	TraceTrackingParticipant(TraceSource)	Initializes a new instance of the TraceTrackingParticipant class.
	TraceTrackingParticipant(TrackingOptions)	Initializes a new instance of the TraceTrackingParticipant class.
	TraceTrackingParticipant(TraceSource, TrackingOptions)	Initializes a new instance of the TraceTrackingParticipant class.

See Also

TraceTrackingParticipant Class
TraceTrackingParticipant Members
Microsoft.Activities.Extensions.Diagnostics Namespace

TraceTrackingParticipant Constructor

Initializes a new instance of the TraceTrackingParticipant class.

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public TraceTrackingParticipant()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
TraceTrackingParticipant()
```

See Also

TraceTrackingParticipant Class
TraceTrackingParticipant Members
TraceTrackingParticipant Overload
Microsoft.Activities.Extensions.Diagnostics Namespace

TraceTrackingParticipant Constructor (TraceSource)

Initializes a new instance of the TraceTrackingParticipant class.

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public TraceTrackingParticipant(
        TraceSource source
)
```

Visual Basic

```
Public Sub New ( _
        source As TraceSource _
)
```

Visual C++

```
public:
TraceTrackingParticipant(
        TraceSource^ source
)
```

Parameters

source
Type: System.Diagnostics.TraceSource
The source.

See Also

TraceTrackingParticipant Class
TraceTrackingParticipant Members
TraceTrackingParticipant Overload
Microsoft.Activities.Extensions.Diagnostics Namespace

TraceTrackingParticipant Constructor (TrackingOptions)

Initializes a new instance of the TraceTrackingParticipant class.

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public TraceTrackingParticipant(
        TrackingOptions options
)
```

Visual Basic

```
Public Sub New ( _
        options As TrackingOptions _
)
```

Visual C++

```
public:
TraceTrackingParticipant(
        TrackingOptions options
)
```

Parameters

options
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options

See Also

TraceTrackingParticipant Class
TraceTrackingParticipant Members
TraceTrackingParticipant Overload
Microsoft.Activities.Extensions.Diagnostics Namespace

TraceTrackingParticipant Constructor (TraceSource, TrackingOptions)

Initializes a new instance of the TraceTrackingParticipant class.

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public TraceTrackingParticipant(
        TraceSource source,
        TrackingOptions options
)
```

Visual Basic

```
Public Sub New ( _
        source As TraceSource, _
        options As TrackingOptions _
)
```

Visual C++

```
public:
TraceTrackingParticipant(
        TraceSource^ source,
        TrackingOptions options
)
```

Parameters

source
Type: System.Diagnostics.TraceSource
The trace source.

options
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options

See Also

TraceTrackingParticipant Class
TraceTrackingParticipant Members
TraceTrackingParticipant Overload
Microsoft.Activities.Extensions.Diagnostics Namespace

TraceTrackingParticipant Methods

The TraceTrackingParticipant type exposes the following members.

Methods

	Name	Description
	BeginTrack	When implemented in a derived class, begins asynchronous processing of the tracking record. (Inherited from TrackingParticipant.)
	EndTrack	When implemented in a derived class, represents the end of an asynchronous tracking operation. (Inherited from TrackingParticipant.)
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)
	Track	Track the record (Overrides TrackingParticipant.Track(TrackingRecord, TimeSpan).)

See Also

TraceTrackingParticipant Class

Microsoft.Activities.Extensions.Diagnostics Namespace

TraceTrackingParticipant.Track Method

Track the record

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void Track(
        TrackingRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overrides Sub Track ( _
        record As TrackingRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        TrackingRecord^ record,
        TimeSpan timeout
) override
```

Parameters

record
Type: System.Activities.Tracking.TrackingRecord
The record to track

timeout
Type: System.TimeSpan
The timeout value

See Also

TraceTrackingParticipant Class
TraceTrackingParticipant Members
Microsoft.Activities.Extensions.Diagnostics Namespace

TraceTrackingParticipant Properties

The TraceTrackingParticipant type exposes the following members.

Properties

	Name	Description
	TrackingProfile	The tracking profile object used by the tracking participant. Before adding the tracking participant to the workflow extensions, the tracking profile is set on the participant. (Inherited from TrackingParticipant.)

See Also

TraceTrackingParticipant Class

Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowApplicationIdleEventArgsDiagnostics Class

The workflow application idle event args diagnostics.

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class WorkflowApplicationIdleEventArgsI
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class WorkflowApplicationIdleEv
```

Visual C++

```
[ExtensionAttribute]
public ref class WorkflowApplicationIdleEventArgsDiag
```

Inheritance Hierarchy

System.Object

Microsoft.Activities.Extensions.Diagnostics.WorkflowApplicationIdleEve

See Also

WorkflowApplicationIdleEventArgsDiagnostics Members

Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowApplicationIdleEventArgsDiagnostics Members

The WorkflowApplicationIdleEventArgsDiagnostics type exposes the following members.

Methods

	Name	Description
	BookmarksToDelimitedList	Gets a comma delimited list of bookmarks
	Trace	The trace extension method allows you to get a formatted trace of the bookmarks and count.

See Also

WorkflowApplicationIdleEventArgsDiagnostics Class

Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowApplicationIdleEventArgsDiagnostics Methods

The WorkflowApplicationIdleEventArgsDiagnostics type exposes the following members.

Methods

	Name	Description
	BookmarksToDelimitedList	Gets a comma delimited list of bookmarks
	Trace	The trace extension method allows you to get a formatted trace of the bookmarks and count.

See Also

WorkflowApplicationIdleEventArgsDiagnostics Class

Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowApplicationIdleEventArgsDiagnostics.BookmarksToDelimitedList Method

Gets a comma delimited list of bookmarks

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string BookmarksToDelimitedList(
        this WorkflowApplicationIdleEventArgs workfl
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function BookmarksToDelimitedList ( _
        workflowApplicationIdleEventArgs As Workflow
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ BookmarksToDelimitedList(
        WorkflowApplicationIdleEventArgs^ workflowAp
)
```

Parameters

workflowApplicationIdleEventArgs
Type: System.Activities.WorkflowApplicationIdleEventArgs
The workflow application idle event args.

Return Value

Returns the bookmarks as a delimited list.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type WorkflowApplicationIdleEventArgs. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowApplicationIdleEventArgsDiagnostics Class
WorkflowApplicationIdleEventArgsDiagnostics Members
Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowApplicationIdleEventArgsDiagnostics.Trace Method

The trace extension method allows you to get a formatted trace of the bookmarks and count.

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this WorkflowApplicationIdleEventArgs workfl
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        workflowApplicationIdleEventArgs As Workflow
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        WorkflowApplicationIdleEventArgs^ workflowAp
)
```

Parameters

workflowApplicationIdleEventArgs
Type: System.Activities.WorkflowApplicationIdleEventArgs
The idle event argument passed by the workflow runtime to your delegate

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowApplicationIdleEventArgs. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C#

Programming Guide).

See Also

WorkflowApplicationIdleEventArgsDiagnostics Class
WorkflowApplicationIdleEventArgsDiagnostics Members
Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceBehavior Class

The workflow service trace behavior.

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class WorkflowServiceTraceBehavior : TrackingP
        IServiceBehavior
```

Visual Basic

```
Public Class WorkflowServiceTraceBehavior _
        Inherits TrackingParticipant _
        Implements IServiceBehavior
```

Visual C++

```
public ref class WorkflowServiceTraceBehavior : publi
        IServiceBehavior
```

Inheritance Hierarchy

System.Object
  System.Activities.Tracking.TrackingParticipant
    Microsoft.Activities.Extensions.Diagnostics.WorkflowServiceTraceBeha

See Also

WorkflowServiceTraceBehavior Members

Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceBehavior Members

The WorkflowServiceTraceBehavior type exposes the following members.

Constructors

	Name	Description
	WorkflowServiceTraceBehavior	Initializes a new instance of the WorkflowServiceTraceBehavior class

Methods

	Name	Description
	AddBindingParameters	The add binding parameters.
	ApplyDispatchBehavior	The apply dispatch behavior.
	BeginTrack	When implemented in a derived class, begins asynchronous processing of the tracking record. (Inherited from TrackingParticipant.)
	EndTrack	When implemented in a derived class, represents the end of an asynchronous tracking operation. (Inherited from TrackingParticipant.)
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)
	Track	The track. (Overrides TrackingParticipant.Track(TrackingRecord, TimeSpan).)

	Validate	The validate.

Properties

	Name	Description
	TrackingProfile	The tracking profile object used by the tracking participant. Before adding the tracking participant to the workflow extensions, the tracking profile is set on the participant. (Inherited from TrackingParticipant.)

See Also

WorkflowServiceTraceBehavior Class

Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceBehavior Constructor

Initializes a new instance of the WorkflowServiceTraceBehavior class

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowServiceTraceBehavior()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
WorkflowServiceTraceBehavior()
```

See Also

WorkflowServiceTraceBehavior Class
WorkflowServiceTraceBehavior Members
Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceBehavior Methods

The WorkflowServiceTraceBehavior type exposes the following members.

Methods

	Name	Description
	AddBindingParameters	The add binding parameters.
	ApplyDispatchBehavior	The apply dispatch behavior.
	BeginTrack	When implemented in a derived class, begins asynchronous processing of the tracking record. (Inherited from TrackingParticipant.)
	EndTrack	When implemented in a derived class, represents the end of an asynchronous tracking operation. (Inherited from TrackingParticipant.)
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)
	Track	The track. (Overrides TrackingParticipant.Track(TrackingRecord, TimeSpan).)

	Validate	The validate.

See Also

WorkflowServiceTraceBehavior Class

Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceBehavior.AddBindingParameters Method

The add binding parameters.

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void AddBindingParameters(
        ServiceDescription serviceDescription,
        ServiceHostBase serviceHostBase,
        Collection<ServiceEndpoint> endpoints,
        BindingParameterCollection bindingParameters
)
```

Visual Basic

```
Public Sub AddBindingParameters ( _
        serviceDescription As ServiceDescription, _
        serviceHostBase As ServiceHostBase, _
        endpoints As Collection(Of ServiceEndpoint), _
        bindingParameters As BindingParameterCollecti
)
```

Visual C++

```
public:
virtual void AddBindingParameters(
        ServiceDescription^ serviceDescription,
        ServiceHostBase^ serviceHostBase,
        Collection<ServiceEndpoint^>^ endpoints,
        BindingParameterCollection^ bindingParameters
) sealed
```

Parameters

serviceDescription
Type: System.ServiceModel.Description.ServiceDescription
The service description.

serviceHostBase
Type: System.ServiceModel.ServiceHostBase
The service host base.

endpoints
Type: System.Collections.ObjectModel.Collection(ServiceEndpoint)
The endpoints.

bindingParameters
Type: System.ServiceModel.Channels.BindingParameterCollection
The binding parameters.

Implements

IServiceBehavior.AddBindingParameters(ServiceDescription, ServiceHostBase, Collection(ServiceEndpoint), BindingParameterCollection)

See Also

WorkflowServiceTraceBehavior Class
WorkflowServiceTraceBehavior Members
Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceBehavior.ApplyDispatchBehavior Method

The apply dispatch behavior.

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void ApplyDispatchBehavior(
        ServiceDescription serviceDescription,
        ServiceHostBase serviceHostBase
)
```

Visual Basic

```
Public Sub ApplyDispatchBehavior ( _
        serviceDescription As ServiceDescription, _
        serviceHostBase As ServiceHostBase _
)
```

Visual C++

```
public:
virtual void ApplyDispatchBehavior(
        ServiceDescription^ serviceDescription,
        ServiceHostBase^ serviceHostBase
) sealed
```

Parameters

serviceDescription
Type: System.ServiceModel.Description.ServiceDescription
The service description.

serviceHostBase
Type: System.ServiceModel.ServiceHostBase
The service host base.

Implements

IServiceBehavior.ApplyDispatchBehavior(ServiceDescription, ServiceHostBase)

See Also

WorkflowServiceTraceBehavior Class
WorkflowServiceTraceBehavior Members
Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceBehavior.Track Method

The track.

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void Track(
        TrackingRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overrides Sub Track ( _
        record As TrackingRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        TrackingRecord^ record,
        TimeSpan timeout
) override
```

Parameters

record
Type: System.Activities.Tracking.TrackingRecord
The record.

timeout
Type: System.TimeSpan
The timeout.

See Also

WorkflowServiceTraceBehavior Class
WorkflowServiceTraceBehavior Members
Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceBehavior.Validate Method

The validate.

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void Validate(
        ServiceDescription serviceDescription,
        ServiceHostBase serviceHostBase
)
```

Visual Basic

```
Public Sub Validate ( _
        serviceDescription As ServiceDescription, _
        serviceHostBase As ServiceHostBase _
)
```

Visual C++

```
public:
virtual void Validate(
        ServiceDescription^ serviceDescription,
        ServiceHostBase^ serviceHostBase
) sealed
```

Parameters

serviceDescription
Type: System.ServiceModel.Description.ServiceDescription
The service description.

serviceHostBase
Type: System.ServiceModel.ServiceHostBase
The service host base.

Implements

IServiceBehavior.Validate(ServiceDescription, ServiceHostBase)

See Also

WorkflowServiceTraceBehavior Class
WorkflowServiceTraceBehavior Members
Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceBehavior Properties

The WorkflowServiceTraceBehavior type exposes the following members.

Properties

	Name	Description
	TrackingProfile	The tracking profile object used by the tracking participant. Before adding the tracking participant to the workflow extensions, the tracking profile is set on the participant. (Inherited from TrackingParticipant.)

See Also

WorkflowServiceTraceBehavior Class

Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceElement Class

The workflow service trace element.

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class WorkflowServiceTraceElement : BehaviorEx
```

Visual Basic

```
Public Class WorkflowServiceTraceElement _
        Inherits BehaviorExtensionElement
```

Visual C++

```
public ref class WorkflowServiceTraceElement : publi
```

Inheritance Hierarchy

System.Object
  System.Configuration.ConfigurationElement
    ServiceModelConfigurationElement
      System.ServiceModel.Configuration.ServiceModelExtensionElement
        System.ServiceModel.Configuration.BehaviorExtensionElement
          Microsoft.Activities.Extensions.Diagnostics.WorkflowServiceTraceE

See Also

WorkflowServiceTraceElement Members

Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceElement Members

The WorkflowServiceTraceElement type exposes the following members.

Constructors

	Name	Description
	WorkflowServiceTraceElement	Initializes a new instance of the WorkflowServiceTraceElement class

Methods

	Name	Description
	CopyFrom	Copies the content of the specif configuration element to this co element. (Inherited from ServiceModelExtensionElemen
	CreateBehavior	The create behavior. (Overrides BehaviorExtensionElement.Cre
	DeserializeElement	Reads XML from the configura (Inherited from ConfigurationE
	Equals	Compares the current Configura instance to the specified object. (Inherited from ConfigurationE
	Finalize	Allows an Object to attempt to f and perform other cleanup oper the Object is reclaimed by garba (Inherited from Object.)
	GetHashCode	Gets a unique value representin ConfigurationElement instance. (Inherited from ConfigurationE
	GetTransformedAssemblyString	Returns the transformed versior specified assembly name. (Inherited from ConfigurationE
	GetTransformedTypeString	Returns the transformed versior specified type name. (Inherited from ConfigurationE
	GetType	Gets the Type of the current inst (Inherited from Object.)
	Init	Sets the ConfigurationElement initial state. (Inherited from ConfigurationE
	InitializeDefault	Used to initialize a default set o ConfigurationElement object.

		(Inherited from ConfigurationE
	IsModified	Gets a value that specifies whet configuration element has been (Inherited from ServiceModelExtensionElemen
	IsReadOnly	Gets a value indicating whether ConfigurationElement object is (Inherited from ConfigurationE
	ListErrors	Adds the invalid-property errors ConfigurationElement object, a subelements, to the passed list. (Inherited from ConfigurationE
	MemberwiseClone	Creates a shallow copy of the cu (Inherited from Object.)
	OnDeserializeUnrecognizedAttribute	Gets a value indicating whether attribute is encountered during d (Inherited from ConfigurationE
	OnDeserializeUnrecognizedElement	Gets a value indicating whether element is encountered during d (Inherited from ConfigurationE
	OnRequiredPropertyNotFound	Throws an exception when a rec is not found. (Inherited from ConfigurationE
	PostDeserialize	Called after deserialization. (Inherited from ConfigurationE
	PreSerialize	Called before serialization. (Inherited from ConfigurationE
	Reset	Resets the internal state of this c element object, including the lo properties collections. (Inherited from ServiceModelExtensionElemen
	ResetModified	Resets the value of the IsModifi false when implemented in a de (Inherited from ConfigurationE
	SerializeElement	Writes the contents of this confi

		element to the configuration file (Inherited from ServiceModelExtensionElement
	SerializeToXmlElement	Writes the outer tags of this con element to the configuration file implemented in a derived class. (Inherited from ConfigurationE
	SetPropertyValue	Sets a property to the specified (Inherited from ConfigurationE
	SetPropertyValueIfNotDefaultValue``1	(Inherited from **ServiceModelConfigurationE**
	SetReadOnly	Sets the IsReadOnly() property ConfigurationElement object an subelements. (Inherited from ConfigurationE
	ToString	Returns a String that represents Object. (Inherited from Object.)
	Unmerge	Modifies the ConfigurationElen remove all values that should nc (Inherited from ConfigurationE

Properties

	Name	Description
	BehaviorType	Gets BehaviorType. (Overrides BehaviorExtensionElement.BehaviorType.)
	ConfigurationElementName	Gets the name of this configuration element. (Inherited from ServiceModelExtensionElement.)
	CurrentConfiguration	Gets a reference to the top-level Configuration instance that represents the configuration hierarchy that the current ConfigurationElement instance belongs to. (Inherited from ConfigurationElement.)
	ElementInformation	Gets an ElementInformation object that contains the non-customizable information and functionality of the ConfigurationElement object. (Inherited from ConfigurationElement.)
	ElementProperty	Gets the ConfigurationElementProperty object that represents the ConfigurationElement object itself. (Inherited from ConfigurationElement.)
	EvaluationContext	Gets the ContextInformation object for the ConfigurationElement object. (Inherited from ConfigurationElement.)
	HasContext	(Inherited from ConfigurationElement.)
	Item(ConfigurationProperty)	Gets or sets a property or attribute of this configuration element. (Inherited from ConfigurationElement.)
	Item(String)	Gets or sets a property, attribute, or child element of this configuration element. (Inherited from ConfigurationElement.)
	LockAllAttributesExcept	Gets the collection of locked attributes. (Inherited from ConfigurationElement.)

	LockAllElementsExcept	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockAttributes	Gets the collection of locked attributes (Inherited from ConfigurationElement.)
	LockElements	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockItem	Gets or sets a value indicating whether the element is locked. (Inherited from ConfigurationElement.)
	Properties	Gets the collection of properties. (Inherited from ConfigurationElement.)

See Also

WorkflowServiceTraceElement Class

Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceElement Constructor

Initializes a new instance of the WorkflowServiceTraceElement class

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowServiceTraceElement()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
WorkflowServiceTraceElement()
```

See Also

WorkflowServiceTraceElement Class
WorkflowServiceTraceElement Members
Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceElement Methods

The WorkflowServiceTraceElement type exposes the following members.

Methods

	Name	Description
	CopyFrom	Copies the content of the specif configuration element to this co element. (Inherited from ServiceModelExtensionElemen
	CreateBehavior	The create behavior. (Overrides BehaviorExtensionElement.Cre
	DeserializeElement	Reads XML from the configura (Inherited from ConfigurationE
	Equals	Compares the current Configura instance to the specified object. (Inherited from ConfigurationE
	Finalize	Allows an Object to attempt to f and perform other cleanup oper the Object is reclaimed by garba (Inherited from Object.)
	GetHashCode	Gets a unique value representin ConfigurationElement instance. (Inherited from ConfigurationE
	GetTransformedAssemblyString	Returns the transformed versior specified assembly name. (Inherited from ConfigurationE
	GetTransformedTypeString	Returns the transformed versior specified type name. (Inherited from ConfigurationE
	GetType	Gets the Type of the current inst (Inherited from Object.)
	Init	Sets the ConfigurationElement initial state. (Inherited from ConfigurationE
	InitializeDefault	Used to initialize a default set o ConfigurationElement object.

		(Inherited from ConfigurationE
	IsModified	Gets a value that specifies whet configuration element has been (Inherited from ServiceModelExtensionElemen
	IsReadOnly	Gets a value indicating whether ConfigurationElement object is (Inherited from ConfigurationE
	ListErrors	Adds the invalid-property errors ConfigurationElement object, a subelements, to the passed list. (Inherited from ConfigurationE
	MemberwiseClone	Creates a shallow copy of the cu (Inherited from Object.)
	OnDeserializeUnrecognizedAttribute	Gets a value indicating whether attribute is encountered during d (Inherited from ConfigurationE
	OnDeserializeUnrecognizedElement	Gets a value indicating whether element is encountered during d (Inherited from ConfigurationE
	OnRequiredPropertyNotFound	Throws an exception when a rec is not found. (Inherited from ConfigurationE
	PostDeserialize	Called after deserialization. (Inherited from ConfigurationE
	PreSerialize	Called before serialization. (Inherited from ConfigurationE
	Reset	Resets the internal state of this c element object, including the lo properties collections. (Inherited from ServiceModelExtensionElemen
	ResetModified	Resets the value of the IsModifi false when implemented in a de (Inherited from ConfigurationE
	SerializeElement	Writes the contents of this confi

		element to the configuration file (Inherited from ServiceModelExtensionElement
	SerializeToXmlElement	Writes the outer tags of this con element to the configuration file implemented in a derived class. (Inherited from ConfigurationE
	SetPropertyValue	Sets a property to the specified (Inherited from ConfigurationE
	SetPropertyValueIfNotDefaultValue``1	(Inherited from **ServiceModelConfigurationE**
	SetReadOnly	Sets the IsReadOnly() property ConfigurationElement object an subelements. (Inherited from ConfigurationE
	ToString	Returns a String that represents Object. (Inherited from Object.)
	Unmerge	Modifies the ConfigurationElen remove all values that should nc (Inherited from ConfigurationE

See Also

WorkflowServiceTraceElement Class

Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceElement.CreateBehavior Method

The create behavior.

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override Object CreateBehavior()
```

Visual Basic

```
Protected Overrides Function CreateBehavior As Objec
```

Visual C++

```
protected:
virtual Object^ CreateBehavior() override
```

Return Value

The behavior

See Also

WorkflowServiceTraceElement Class
WorkflowServiceTraceElement Members
Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceElement Properties

The WorkflowServiceTraceElement type exposes the following members.

Properties

	Name	Description
	BehaviorType	Gets BehaviorType. (Overrides BehaviorExtensionElement.BehaviorType.)
	ConfigurationElementName	Gets the name of this configuration element. (Inherited from ServiceModelExtensionElement.)
	CurrentConfiguration	Gets a reference to the top-level Configuration instance that represents the configuration hierarchy that the current ConfigurationElement instance belongs to. (Inherited from ConfigurationElement.)
	ElementInformation	Gets an ElementInformation object that contains the non-customizable information and functionality of the ConfigurationElement object. (Inherited from ConfigurationElement.)
	ElementProperty	Gets the ConfigurationElementProperty object that represents the ConfigurationElement object itself. (Inherited from ConfigurationElement.)
	EvaluationContext	Gets the ContextInformation object for the ConfigurationElement object. (Inherited from ConfigurationElement.)
	HasContext	(Inherited from ConfigurationElement.)
	Item(ConfigurationProperty)	Gets or sets a property or attribute of this configuration element. (Inherited from ConfigurationElement.)
	Item(String)	Gets or sets a property, attribute, or child element of this configuration element. (Inherited from ConfigurationElement.)
	LockAllAttributesExcept	Gets the collection of locked attributes. (Inherited from ConfigurationElement.)

	LockAllElementsExcept	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockAttributes	Gets the collection of locked attributes (Inherited from ConfigurationElement.)
	LockElements	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockItem	Gets or sets a value indicating whether the element is locked. (Inherited from ConfigurationElement.)
	Properties	Gets the collection of properties. (Inherited from ConfigurationElement.)

See Also

WorkflowServiceTraceElement Class

Microsoft.Activities.Extensions.Diagnostics Namespace

WorkflowServiceTraceElement.BehaviorType Property

Gets BehaviorType.

Namespace: Microsoft.Activities.Extensions.Diagnostics
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public override Type BehaviorType { get; }
```

Visual Basic

```
Public Overrides ReadOnly Property BehaviorType As Ty
        Get
```

Visual C++

```
public:
virtual property Type^ BehaviorType {
        Type^ get () override;
}
```

See Also

WorkflowServiceTraceElement Class
WorkflowServiceTraceElement Members
Microsoft.Activities.Extensions.Diagnostics Namespace

Microsoft.Activities.Extensions.DurableInstancing Namespace

Send Feedback

[Missing <summary> documentation for "N:Microsoft.Activities.Extensions.DurableInstancing"]

Classes

	Class	Description
	SqlWorkflowInstanceStoreManager	Provides operations for Managing a SqlWorkflowInstanceStore Database

Enumerations

	Enumeration	Description
	SqlWorkflowInstanceStoreScript	The type of script

SqlWorkflowInstanceStoreManager Class

Provides operations for Managing a SqlWorkflowInstanceStore Database

Namespace: Microsoft.Activities.Extensions.DurableInstancing
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class SqlWorkflowInstanceStoreManager
```

Visual Basic

```
Public NotInheritable Class SqlWorkflowInstanceStoreM
```

Visual C++

```
public ref class SqlWorkflowInstanceStoreManager abs
```

Inheritance Hierarchy

System.Object

Microsoft.Activities.Extensions.DurableInstancing.SqlWorkflowInstance

See Also

SqlWorkflowInstanceStoreManager Members

Microsoft.Activities.Extensions.DurableInstancing Namespace

SqlWorkflowInstanceStoreManager Members

The SqlWorkflowInstanceStoreManager type exposes the following members.

Methods

	Name	Description
	ConfigureInstanceStore	Runs the schema and logic scripts on an existing database
	CreateInstanceStore	Creates an instance store database
	DropInstanceStore	Drops a database
	InstanceStoreExists	Determines if the database exists or not

Fields

	Name	Description
	SchemaName	Schema name for SqlWorkflowInstanceStore

See Also

SqlWorkflowInstanceStoreManager Class

Microsoft.Activities.Extensions.DurableInstancing Namespace

SqlWorkflowInstanceStoreManager Fields

The SqlWorkflowInstanceStoreManager type exposes the following members.

Fields

	Name	Description
	SchemaName	Schema name for SqlWorkflowInstanceStore

See Also

SqlWorkflowInstanceStoreManager Class

Microsoft.Activities.Extensions.DurableInstancing Namespace

SqlWorkflowInstanceStoreManager.SchemaName Field

Schema name for SqlWorkflowInstanceStore

Namespace: Microsoft.Activities.Extensions.DurableInstancing
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public const string SchemaName
```

Visual Basic

```
Public Const SchemaName As String
```

Visual C++

```
public:
literal String^ SchemaName
```

See Also

SqlWorkflowInstanceStoreManager Class
SqlWorkflowInstanceStoreManager Members
Microsoft.Activities.Extensions.DurableInstancing Namespace

SqlWorkflowInstanceStoreManager Methods

The SqlWorkflowInstanceStoreManager type exposes the following members.

Methods

	Name	Description
	ConfigureInstanceStore	Runs the schema and logic scripts on an existing database
	CreateInstanceStore	Creates an instance store database
	DropInstanceStore	Drops a database
	InstanceStoreExists	Determines if the database exists or not

See Also

SqlWorkflowInstanceStoreManager Class

Microsoft.Activities.Extensions.DurableInstancing Namespace

SqlWorkflowInstanceStoreManager.ConfigureInstanceStore Method

Runs the schema and logic scripts on an existing database

Namespace: Microsoft.Activities.Extensions.DurableInstancing
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void ConfigureInstanceStore(
        string databaseName,
        string connectionString
)
```

Visual Basic

```
Public Shared Sub ConfigureInstanceStore ( _
        databaseName As String, _
        connectionString As String _
)
```

Visual C++

```
public:
static void ConfigureInstanceStore(
        String^ databaseName,
        String^ connectionString
)
```

Parameters

databaseName
Type: System.String
Name of the database

connectionString
Type: System.String
The connection string.

See Also

SqlWorkflowInstanceStoreManager Class
SqlWorkflowInstanceStoreManager Members
Microsoft.Activities.Extensions.DurableInstancing Namespace

SqlWorkflowInstanceStoreManager.CreateInstanceStore Method

Creates an instance store database

Namespace: Microsoft.Activities.Extensions.DurableInstancing
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void CreateInstanceStore(
        string databaseName,
        string connectionString,
        bool dropIfExists = false
)
```

Visual Basic

```
Public Shared Sub CreateInstanceStore ( _
        databaseName As String, _
        connectionString As String, _
        Optional dropIfExists As Boolean = False _
)
```

Visual C++

```
public:
static void CreateInstanceStore(
        String^ databaseName,
        String^ connectionString,
        bool dropIfExists = false
)
```

Parameters

databaseName
Type: System.String
The database name.

connectionString
Type: System.String
The connection string.

dropIfExists (Optional)
Type: System.Boolean
Drop the database if it exists

See Also

SqlWorkflowInstanceStoreManager Class
SqlWorkflowInstanceStoreManager Members
Microsoft.Activities.Extensions.DurableInstancing Namespace

SqlWorkflowInstanceStoreManager.DropInstanceStore Method

Drops a database

Namespace: Microsoft.Activities.Extensions.DurableInstancing
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void DropInstanceStore(
        string databaseName,
        string connectionString
)
```

Visual Basic

```
Public Shared Sub DropInstanceStore ( _
        databaseName As String, _
        connectionString As String _
)
```

Visual C++

```
public:
static void DropInstanceStore(
        String^ databaseName,
        String^ connectionString
)
```

Parameters

databaseName
Type: System.String
The database name.

connectionString
Type: System.String
The connection string.

See Also

SqlWorkflowInstanceStoreManager Class
SqlWorkflowInstanceStoreManager Members
Microsoft.Activities.Extensions.DurableInstancing Namespace

SqlWorkflowInstanceStoreManager.InstanceStoreExists Method

Determines if the database exists or not

Namespace: Microsoft.Activities.Extensions.DurableInstancing
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static bool InstanceStoreExists(
        string databaseName,
        string connectionString
)
```

Visual Basic

```
Public Shared Function InstanceStoreExists ( _
        databaseName As String, _
        connectionString As String _
) As Boolean
```

Visual C++

```
public:
static bool InstanceStoreExists(
        String^ databaseName,
        String^ connectionString
)
```

Parameters

databaseName
Type: System.String
The database name.

connectionString
Type: System.String
The connection string.

Return Value

true if the database exists

See Also

SqlWorkflowInstanceStoreManager Class
SqlWorkflowInstanceStoreManager Members
Microsoft.Activities.Extensions.DurableInstancing Namespace

SqlWorkflowInstanceStoreScript Enumeration

See Also Send Feedback

The type of script

Namespace: Microsoft.Activities.Extensions.DurableInstancing
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public enum SqlWorkflowInstanceStoreScript
```

Visual Basic

```
Public Enumeration SqlWorkflowInstanceStoreScript
```

Visual C++

```
public enum class SqlWorkflowInstanceStoreScript
```

Members

	Member name	Value	Description
	Logic	0	The logic script
	Schema	1	The schema script

See Also

Microsoft.Activities.Extensions.DurableInstancing Namespace

Microsoft.Activities.Extensions.ServiceModel Namespace

Send Feedback

Provides extensions to support WorkflowServices

Classes

	Class	Description
	ConfigurationElementCollection(T)	Generic class for creating configuration elements
	SilverlightFaultBehavior	The silverlight fault behavior.
	SilverlightFaultElement	The silverlight fault element.
	WorkflowExtensionConfigElement	Configuration element to allow WorkflowExtensions to be added
	WorkflowExtensionsBehavior	A Service Behavior which will add Workflow extensions
	WorkflowExtensionsElement	Configuration element for Workflow Extensions

Interfaces

	Interface	Description
	IConfigurationElement	Interface to provide key semantics for the configuration element

ConfigurationElementCollection(*T*) Class

Generic class for creating configuration elements

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class ConfigurationElementCollection<T> : Con
where T : new(), ConfigurationElement, IConfiguratio
```

Visual Basic

```
Public Class ConfigurationElementCollection(Of T As
        Inherits ConfigurationElementCollection
```

Visual C++

```
generic<typename T>
where T : gcnew(), ConfigurationElement, IConfigurat
public ref class ConfigurationElementCollection : pu
```

Type Parameters

T
The type of the configuration element

Inheritance Hierarchy

System.Object
  System.Configuration.ConfigurationElement
    System.Configuration.ConfigurationElementCollection
      Microsoft.Activities.Extensions.ServiceModel.ConfigurationElementCo

See Also

ConfigurationElementCollection(T) Members

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*) Members

The ConfigurationElementCollection(T) type exposes the following members.

Constructors

	Name	Description
	ConfigurationElementCollection(T)	Initializes a new instance of the ConfigurationElementCollection(T) class

Methods

	Name	Description
	Add	Adds an element
	BaseAdd(ConfigurationElement)	Adds a configuration element to the (Overrides ConfigurationElementCollection.Ba
	BaseAdd(ConfigurationElement, Boolean)	Adds a configuration element to the (Inherited from ConfigurationEleme
	BaseAdd(Int32, ConfigurationElement)	Adds a configuration element to the (Inherited from ConfigurationEleme
	BaseClear	Removes all configuration element ((Inherited from ConfigurationEleme
	BaseGet(Object)	Returns the configuration element w (Inherited from ConfigurationEleme
	BaseGet(Int32)	Gets the configuration element at th (Inherited from ConfigurationEleme
	BaseGetAllKeys	Returns an array of the keys for all c contained in the ConfigurationElem (Inherited from ConfigurationEleme
	BaseGetKey	Gets the key for the ConfigurationE (Inherited from ConfigurationEleme
	BaseIndexOf	The index of the specified Configur (Inherited from ConfigurationEleme
	BaseIsRemoved	Gets a value indicating whether the specified key has been removed fro ConfigurationElementCollection. (Inherited from ConfigurationEleme
	BaseRemove	Removes a ConfigurationElement fr (Inherited from ConfigurationEleme
	BaseRemoveAt	Removes the ConfigurationElement (Inherited from ConfigurationEleme
	Clear	Clears all the elements
	CopyTo	Copies the contents of the Configur (Inherited from ConfigurationEleme

	CreateNewElement()	When overridden in a derived class, (Overrides ConfigurationElementCo
	CreateNewElement(String)	Creates a new ConfigurationElemen (Inherited from ConfigurationEleme
	DeserializeElement	Reads XML from the configuration (Inherited from ConfigurationEleme
	Equals	Compares the ConfigurationElemen (Inherited from ConfigurationEleme
	Finalize	Allows an Object to attempt to free operations before the Object is recla (Inherited from Object.)
	GetElementKey	Gets the element key for a specified overridden in a derived class. (Overrides ConfigurationElementCollection.Ge
	GetEnumerator	Gets an IEnumerator which is used ConfigurationElementCollection. (Inherited from ConfigurationEleme
	GetHashCode	Gets a unique value representing the instance. (Inherited from ConfigurationEleme
	GetTransformedAssemblyString	Returns the transformed version of t (Inherited from ConfigurationEleme
	GetTransformedTypeString	Returns the transformed version of t (Inherited from ConfigurationEleme
	GetType	Gets the Type of the current instanc (Inherited from Object.)
	IndexOf	Returns the index of an element
	Init	Sets the ConfigurationElement obje (Inherited from ConfigurationEleme
	InitializeDefault	Used to initialize a default set of val object. (Inherited from ConfigurationEleme
	IsElementName	Indicates whether the specified Con ConfigurationElementCollection. (Inherited from ConfigurationEleme

	IsElementRemovable	Gets a value indicating whether the be removed from the Configuration (Inherited from ConfigurationEleme
	IsModified	Indicates whether this Configuratio since it was last saved or loaded wh (Inherited from ConfigurationEleme
	IsReadOnly	Gets a value indicating whether the object is read only. (Inherited from ConfigurationEleme
	ListErrors	Adds the invalid-property errors in t in all subelements, to the passed list (Inherited from ConfigurationEleme
	MemberwiseClone	Creates a shallow copy of the curren (Inherited from Object.)
	OnDeserializeUnrecognizedAttribute	Gets a value indicating whether an u during deserialization. (Inherited from ConfigurationEleme
	OnDeserializeUnrecognizedElement	Causes the configuration system to t (Inherited from ConfigurationEleme
	OnRequiredPropertyNotFound	Throws an exception when a require (Inherited from ConfigurationEleme
	PostDeserialize	Called after deserialization. (Inherited from ConfigurationEleme
	PreSerialize	Called before serialization. (Inherited from ConfigurationEleme
	Remove(String)	Removes an element
	Remove(T)	Removes an element
	RemoveAt	Removes an element at the index
	Reset	Resets the ConfigurationElementCo overridden in a derived class. (Inherited from ConfigurationEleme
	ResetModified	Resets the value of the IsModified() derived class. (Inherited from ConfigurationEleme
	SerializeElement	Writes the configuration data to an X

		when overridden in a derived class. (Inherited from ConfigurationEleme
	SerializeToXmlElement	Writes the outer tags of this configu when implemented in a derived clas (Inherited from ConfigurationEleme
	SetPropertyValue	Sets a property to the specified valu (Inherited from ConfigurationEleme
	SetReadOnly	Sets the IsReadOnly() property for t object and for all sub-elements. (Inherited from ConfigurationEleme
	ToString	Returns a String that represents the (Inherited from Object.)
	Unmerge	Reverses the effect of merging confi levels of the configuration hierarchy (Inherited from ConfigurationEleme

Properties

	Name	Description
	AddElementName	Gets or sets the name of the ConfigurationElement to associate with the a operation in the ConfigurationElementCollec when overridden in a derived class. (Inherited from ConfigurationElementCollec
	ClearElementName	Gets or sets the name for the ConfigurationElement to associate with the c operation in the ConfigurationElementCollec when overridden in a derived class. (Inherited from ConfigurationElementCollec
	CollectionType	Gets the type of the ConfigurationElementCollection. (Overrides ConfigurationElementCollection.CollectionT
	Count	Gets the number of elements in the collectio (Inherited from ConfigurationElementCollec
	CurrentConfiguration	Gets a reference to the top-level Configurati instance that represents the configuration hierarchy that the current ConfigurationElem instance belongs to. (Inherited from ConfigurationElement.)
	ElementInformation	Gets an ElementInformation object that cont the non-customizable information and functionality of the ConfigurationElement ob (Inherited from ConfigurationElement.)
	ElementName	Gets the name used to identify this collectio elements in the configuration file when overridden in a derived class. (Inherited from ConfigurationElementCollec
	ElementProperty	Gets the ConfigurationElementProperty obje that represents the ConfigurationElement obj itself. (Inherited from ConfigurationElement.)

	EmitClear	Gets or sets a value that specifies whether th collection has been cleared. (Inherited from ConfigurationElementCollec
	EvaluationContext	Gets the ContextInformation object for the ConfigurationElement object. (Inherited from ConfigurationElement.)
	HasContext	(Inherited from ConfigurationElement.)
	IsSynchronized	Gets a value indicating whether access to the collection is synchronized (thread safe). (Inherited from ConfigurationElementCollec
	Item(ConfigurationProperty)	Gets or sets a property or attribute of this configuration element. (Inherited from ConfigurationElement.)
	Item(Int32)	
	Item(String)	Indexer for accessing an element
	LockAllAttributesExcept	Gets the collection of locked attributes. (Inherited from ConfigurationElement.)
	LockAllElementsExcept	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockAttributes	Gets the collection of locked attributes (Inherited from ConfigurationElement.)
	LockElements	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockItem	Gets or sets a value indicating whether the element is locked. (Inherited from ConfigurationElement.)
	Properties	Gets the collection of properties. (Inherited from ConfigurationElement.)
	RemoveElementName	Gets or sets the name of the ConfigurationElement to associate with the remove operation in the ConfigurationElementCollection when overr in a derived class. (Inherited from ConfigurationElementCollec
	SyncRoot	Gets an object used to synchronize access to ConfigurationElementCollection.

		(Inherited from ConfigurationElementCollec
	ThrowOnDuplicate	Gets a value indicating whether an attempt t a duplicate ConfigurationElement to the ConfigurationElementCollection will cause a exception to be thrown. (Inherited from ConfigurationElementCollec

See Also

ConfigurationElementCollection(T) Class

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*) Constructor

Initializes a new instance of the ConfigurationElementCollection(T) class

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public ConfigurationElementCollection()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
ConfigurationElementCollection()
```

See Also

ConfigurationElementCollection(T) Class

ConfigurationElementCollection(T) Members

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*) Methods

The ConfigurationElementCollection(T) type exposes the following members.

Methods

	Name	Description
	Add	Adds an element
	BaseAdd(ConfigurationElement)	Adds a configuration element to the (Overrides ConfigurationElementCollection.Ba
	BaseAdd(ConfigurationElement, Boolean)	Adds a configuration element to the (Inherited from ConfigurationEleme
	BaseAdd(Int32, ConfigurationElement)	Adds a configuration element to the (Inherited from ConfigurationEleme
	BaseClear	Removes all configuration element ((Inherited from ConfigurationEleme
	BaseGet(Object)	Returns the configuration element w (Inherited from ConfigurationEleme
	BaseGet(Int32)	Gets the configuration element at th (Inherited from ConfigurationEleme
	BaseGetAllKeys	Returns an array of the keys for all c contained in the ConfigurationElem (Inherited from ConfigurationEleme
	BaseGetKey	Gets the key for the ConfigurationE (Inherited from ConfigurationEleme
	BaseIndexOf	The index of the specified Configur (Inherited from ConfigurationEleme
	BaseIsRemoved	Gets a value indicating whether the specified key has been removed fro ConfigurationElementCollection. (Inherited from ConfigurationEleme
	BaseRemove	Removes a ConfigurationElement fr (Inherited from ConfigurationEleme
	BaseRemoveAt	Removes the ConfigurationElement (Inherited from ConfigurationEleme
	Clear	Clears all the elements
	CopyTo	Copies the contents of the Configur (Inherited from ConfigurationEleme

	CreateNewElement()	When overridden in a derived class, (Overrides ConfigurationElementCo
	CreateNewElement(String)	Creates a new ConfigurationElemen (Inherited from ConfigurationEleme
	DeserializeElement	Reads XML from the configuration (Inherited from ConfigurationEleme
	Equals	Compares the ConfigurationElemen (Inherited from ConfigurationEleme
	Finalize	Allows an Object to attempt to free operations before the Object is recla (Inherited from Object.)
	GetElementKey	Gets the element key for a specified overridden in a derived class. (Overrides ConfigurationElementCollection.Ge
	GetEnumerator	Gets an IEnumerator which is used ConfigurationElementCollection. (Inherited from ConfigurationEleme
	GetHashCode	Gets a unique value representing the instance. (Inherited from ConfigurationEleme
	GetTransformedAssemblyString	Returns the transformed version of t (Inherited from ConfigurationEleme
	GetTransformedTypeString	Returns the transformed version of t (Inherited from ConfigurationEleme
	GetType	Gets the Type of the current instanc (Inherited from Object.)
	IndexOf	Returns the index of an element
	Init	Sets the ConfigurationElement obje (Inherited from ConfigurationEleme
	InitializeDefault	Used to initialize a default set of val object. (Inherited from ConfigurationEleme
	IsElementName	Indicates whether the specified Con ConfigurationElementCollection. (Inherited from ConfigurationEleme

	IsElementRemovable	Gets a value indicating whether the be removed from the Configuration (Inherited from ConfigurationEleme
	IsModified	Indicates whether this Configuratio since it was last saved or loaded wh (Inherited from ConfigurationEleme
	IsReadOnly	Gets a value indicating whether the object is read only. (Inherited from ConfigurationEleme
	ListErrors	Adds the invalid-property errors in t in all subelements, to the passed list (Inherited from ConfigurationEleme
	MemberwiseClone	Creates a shallow copy of the curren (Inherited from Object.)
	OnDeserializeUnrecognizedAttribute	Gets a value indicating whether an u during deserialization. (Inherited from ConfigurationEleme
	OnDeserializeUnrecognizedElement	Causes the configuration system to t (Inherited from ConfigurationEleme
	OnRequiredPropertyNotFound	Throws an exception when a require (Inherited from ConfigurationEleme
	PostDeserialize	Called after deserialization. (Inherited from ConfigurationEleme
	PreSerialize	Called before serialization. (Inherited from ConfigurationEleme
	Remove(String)	Removes an element
	Remove(T)	Removes an element
	RemoveAt	Removes an element at the index
	Reset	Resets the ConfigurationElementCo overridden in a derived class. (Inherited from ConfigurationEleme
	ResetModified	Resets the value of the IsModified() derived class. (Inherited from ConfigurationEleme
	SerializeElement	Writes the configuration data to an X

		when overridden in a derived class. (Inherited from ConfigurationEleme
	SerializeToXmlElement	Writes the outer tags of this configu when implemented in a derived clas (Inherited from ConfigurationEleme
	SetPropertyValue	Sets a property to the specified valu (Inherited from ConfigurationEleme
	SetReadOnly	Sets the IsReadOnly() property for t object and for all sub-elements. (Inherited from ConfigurationEleme
	ToString	Returns a String that represents the (Inherited from Object.)
	Unmerge	Reverses the effect of merging confi levels of the configuration hierarchy (Inherited from ConfigurationEleme

See Also

ConfigurationElementCollection(T) Class

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).Add Method

Adds an element

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void Add(
        T element
)
```

Visual Basic

```
Public Sub Add ( _
        element As T _
)
```

Visual C++

```
public:
void Add(
        T element
)
```

Parameters

element
Type: T
The element to add

See Also

ConfigurationElementCollection(T) Class

ConfigurationElementCollection(T) Members

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).BaseAdd Method

Overload List

	Name	Description
	BaseAdd(ConfigurationElement)	Adds a configuration element to the ConfigurationElementCollection. (Overrides ConfigurationElementCollection.BaseA
	BaseAdd(ConfigurationElement, Boolean)	Adds a configuration element to the con collection. (Inherited from ConfigurationElementC
	BaseAdd(Int32, ConfigurationElement)	Adds a configuration element to the con collection. (Inherited from ConfigurationElementC

See Also

ConfigurationElementCollection(T) Class

ConfigurationElementCollection(T) Members

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).BaseAdd Method (ConfigurationElement)

Adds a configuration element to the ConfigurationElementCollection.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void BaseAdd(
        ConfigurationElement element
)
```

Visual Basic

```
Protected Overrides Sub BaseAdd ( _
        element As ConfigurationElement _
)
```

Visual C++

```
protected:
virtual void BaseAdd(
        ConfigurationElement^ element
) override
```

Parameters

element
Type: System.Configuration.ConfigurationElement
The ConfigurationElement to add.

See Also

ConfigurationElementCollection(T) Class
ConfigurationElementCollection(T) Members
BaseAdd Overload
Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).Clear Method

Clears all the elements

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void Clear()
```

Visual Basic

```
Public Sub Clear
```

Visual C++

```
public:
void Clear()
```

See Also

ConfigurationElementCollection(T) Class

ConfigurationElementCollection(T) Members

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).CreateNewElement Method

ConfigurationElementCollection(T) Class See Also Send Feedback

Overload List

	Name	Description
	CreateNewElement()	When overridden in a derived class, creates a ConfigurationElement. (Overrides ConfigurationElementCollection.CreateNewE
	CreateNewElement(String)	Creates a new ConfigurationElement when ov in a derived class. (Inherited from ConfigurationElementCollecti

See Also

ConfigurationElementCollection(T) Class

ConfigurationElementCollection(T) Members

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).CreateNewElement Method

When overridden in a derived class, creates a new ConfigurationElement.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override ConfigurationElement CreateNewEle
```

Visual Basic

```
Protected Overrides Function CreateNewElement As Con
```

Visual C++

```
protected:
virtual ConfigurationElement^ CreateNewElement() ove
```

Return Value

A new ConfigurationElement.

See Also

ConfigurationElementCollection(T) Class
ConfigurationElementCollection(T) Members
CreateNewElement Overload
Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).GetElementKey Method

Gets the element key for a specified configuration element when overridden in a derived class.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override Object GetElementKey(
        ConfigurationElement element
)
```

Visual Basic

```
Protected Overrides Function GetElementKey ( _
        element As ConfigurationElement _
) As Object
```

Visual C++

```
protected:
virtual Object^ GetElementKey(
        ConfigurationElement^ element
) override
```

Parameters

element
Type: System.Configuration.ConfigurationElement
The ConfigurationElement to return the key for.

Return Value

An Object that acts as the key for the specified ConfigurationElement.

See Also

ConfigurationElementCollection(T) Class

ConfigurationElementCollection(T) Members

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).IndexOf Method

Returns the index of an element

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public int IndexOf(
        T element
)
```

Visual Basic

```
Public Function IndexOf ( _
        element As T _
) As Integer
```

Visual C++

```
public:
int IndexOf(
        T element
)
```

Parameters

element
Type: T
The element

Return Value

The index

See Also

ConfigurationElementCollection(T) Class

ConfigurationElementCollection(T) Members

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).Remove Method

ConfigurationElementCollection(T) Class See Also Send Feedback

Overload List

	Name	Description
	Remove(String)	Removes an element
	Remove(T)	Removes an element

See Also

ConfigurationElementCollection(T) Class

ConfigurationElementCollection(T) Members

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).Remove Method (String)

Removes an element

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void Remove(
        string name
)
```

Visual Basic

```
Public Sub Remove ( _
        name As String _
)
```

Visual C++

```
public:
void Remove(
        String^ name
)
```

Parameters

name
Type: System.String
The element to remove

See Also

ConfigurationElementCollection(T) Class
ConfigurationElementCollection(T) Members
Remove Overload
Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).Remove Method (*T*)

Removes an element

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void Remove(
        T element
)
```

Visual Basic

```
Public Sub Remove ( _
        element As T _
)
```

Visual C++

```
public:
void Remove(
        T element
)
```

Parameters

element
Type: T
The element to remove

See Also

ConfigurationElementCollection(T) Class
ConfigurationElementCollection(T) Members
Remove Overload
Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).RemoveAt Method

Removes an element at the index

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void RemoveAt(
        int index
)
```

Visual Basic

```
Public Sub RemoveAt ( _
        index As Integer _
)
```

Visual C++

```
public:
void RemoveAt(
        int index
)
```

Parameters

index
Type: System.Int32
The index to remove at

See Also

ConfigurationElementCollection(T) Class

ConfigurationElementCollection(T) Members

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*) Properties

The ConfigurationElementCollection(T) type exposes the following members.

Properties

	Name	Description
	AddElementName	Gets or sets the name of the ConfigurationElement to associate with the a operation in the ConfigurationElementCollec when overridden in a derived class. (Inherited from ConfigurationElementCollec
	ClearElementName	Gets or sets the name for the ConfigurationElement to associate with the c operation in the ConfigurationElementCollec when overridden in a derived class. (Inherited from ConfigurationElementCollec
	CollectionType	Gets the type of the ConfigurationElementCollection. (Overrides ConfigurationElementCollection.CollectionT
	Count	Gets the number of elements in the collectio (Inherited from ConfigurationElementCollec
	CurrentConfiguration	Gets a reference to the top-level Configurati instance that represents the configuration hierarchy that the current ConfigurationElem instance belongs to. (Inherited from ConfigurationElement.)
	ElementInformation	Gets an ElementInformation object that cont the non-customizable information and functionality of the ConfigurationElement ob (Inherited from ConfigurationElement.)
	ElementName	Gets the name used to identify this collectio elements in the configuration file when overridden in a derived class. (Inherited from ConfigurationElementCollec
	ElementProperty	Gets the ConfigurationElementProperty obje that represents the ConfigurationElement obj itself. (Inherited from ConfigurationElement.)

	EmitClear	Gets or sets a value that specifies whether th collection has been cleared. (Inherited from ConfigurationElementCollec
	EvaluationContext	Gets the ContextInformation object for the ConfigurationElement object. (Inherited from ConfigurationElement.)
	HasContext	(Inherited from ConfigurationElement.)
	IsSynchronized	Gets a value indicating whether access to the collection is synchronized (thread safe). (Inherited from ConfigurationElementCollec
	Item(ConfigurationProperty)	Gets or sets a property or attribute of this configuration element. (Inherited from ConfigurationElement.)
	Item(Int32)	
	Item(String)	Indexer for accessing an element
	LockAllAttributesExcept	Gets the collection of locked attributes. (Inherited from ConfigurationElement.)
	LockAllElementsExcept	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockAttributes	Gets the collection of locked attributes (Inherited from ConfigurationElement.)
	LockElements	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockItem	Gets or sets a value indicating whether the element is locked. (Inherited from ConfigurationElement.)
	Properties	Gets the collection of properties. (Inherited from ConfigurationElement.)
	RemoveElementName	Gets or sets the name of the ConfigurationElement to associate with the remove operation in the ConfigurationElementCollection when overr in a derived class. (Inherited from ConfigurationElementCollec
	SyncRoot	Gets an object used to synchronize access to ConfigurationElementCollection.

		(Inherited from ConfigurationElementCollec
	ThrowOnDuplicate	Gets a value indicating whether an attempt t a duplicate ConfigurationElement to the ConfigurationElementCollection will cause a exception to be thrown. (Inherited from ConfigurationElementCollec

See Also

ConfigurationElementCollection(T) Class

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).CollectionType Property

Gets the type of the ConfigurationElementCollection.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public override ConfigurationElementCollectionType Co
```

Visual Basic

```
Public Overrides ReadOnly Property CollectionType As
        Get
```

Visual C++

```
public:
virtual property ConfigurationElementCollectionType (
        ConfigurationElementCollectionType get () ove
}
```

Return Value

The ConfigurationElementCollectionType of this collection.

See Also

ConfigurationElementCollection(T) Class

ConfigurationElementCollection(T) Members

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).Item Property

Overload List

	Name	Description
	Item(ConfigurationProperty)	Gets or sets a property or attribute of this configuration element. (Inherited from ConfigurationElement.)
	Item(Int32)	
	Item(String)	Indexer for accessing an element

See Also

ConfigurationElementCollection(T) Class

ConfigurationElementCollection(T) Members

Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).Item Property (Int32)

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Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public T this[
        int index
] { get; set; }
```

Visual Basic

```
Public Default Property Item ( _
        index As Integer _
) As T
        Get
        Set
```

Visual C++

```
public:
property T default[int index] {
        T get (int index);
        void set (int index, T value);
}
```

Parameters

index
Type: System.Int32
The element to access

See Also

ConfigurationElementCollection(T) Class
ConfigurationElementCollection(T) Members
Item Overload
Microsoft.Activities.Extensions.ServiceModel Namespace

ConfigurationElementCollection(*T*).Item Property (String)

Indexer for accessing an element

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public T this[
        string name
] { get; }
```

Visual Basic

```
Public ReadOnly Default Property Item ( _
        name As String _
) As T
        Get
```

Visual C++

```
public:
property T default[String^ name] {
        T get (String^ name);
}
```

Parameters

name
Type: System.String
The element to access

See Also

ConfigurationElementCollection(T) Class
ConfigurationElementCollection(T) Members
Item Overload
Microsoft.Activities.Extensions.ServiceModel Namespace

IConfigurationElement Interface

Interface to provide key semantics for the configuration element

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public interface IConfigurationElement
```

Visual Basic

```
Public Interface IConfigurationElement
```

Visual C++

```
public interface class IConfigurationElement
```

See Also

IConfigurationElement Members

Microsoft.Activities.Extensions.ServiceModel Namespace

IConfigurationElement Members

The IConfigurationElement type exposes the following members.

Methods

	Name	Description
	GetKey	Gets the key for the element

See Also

IConfigurationElement Interface

Microsoft.Activities.Extensions.ServiceModel Namespace

IConfigurationElement Methods

The IConfigurationElement type exposes the following members.

Methods

	Name	Description
	GetKey	Gets the key for the element

See Also

IConfigurationElement Interface

Microsoft.Activities.Extensions.ServiceModel Namespace

IConfigurationElement.GetKey Method

Gets the key for the element

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
Object GetKey()
```

Visual Basic

```
Function GetKey As Object
```

Visual C++

```
Object^ GetKey()
```

Return Value

A key

See Also

IConfigurationElement Interface
IConfigurationElement Members
Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultBehavior Class

The silverlight fault behavior.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class SilverlightFaultBehavior : Attribute,
        IServiceBehavior
```

Visual Basic

```
Public Class SilverlightFaultBehavior _
        Inherits Attribute _
        Implements IServiceBehavior
```

Visual C++

```
public ref class SilverlightFaultBehavior : public A
        IServiceBehavior
```

Inheritance Hierarchy

System.Object
  System.Attribute
    Microsoft.Activities.Extensions.ServiceModel.SilverlightFaultBehavior

See Also

SilverlightFaultBehavior Members

Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultBehavior Members

The SilverlightFaultBehavior type exposes the following members.

Constructors

	Name	Description
	SilverlightFaultBehavior	Initializes a new instance of the SilverlightFaultBehavior class

Methods

	Name	Description
	AddBindingParameters	The add binding parameters.
	ApplyDispatchBehavior	The apply dispatch behavior.
	Equals	Returns a value that indicates whether this instance is equal to a specified object. (Inherited from Attribute.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Returns the hash code for this instance. (Inherited from Attribute.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	IsDefaultAttribute	When overridden in a derived class, indicates whether the value of this instance is the default value for the derived class. (Inherited from Attribute.)
	Match	When overridden in a derived class, returns a value that indicates whether this instance equals a specified object. (Inherited from Attribute.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)
	Validate	The validate.

Properties

	Name	Description
	TypeId	When implemented in a derived class, gets a unique identifier for this Attribute. (Inherited from Attribute.)

See Also

SilverlightFaultBehavior Class

Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultBehavior Constructor

Initializes a new instance of the SilverlightFaultBehavior class

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public SilverlightFaultBehavior()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
SilverlightFaultBehavior()
```

See Also

SilverlightFaultBehavior Class

SilverlightFaultBehavior Members

Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultBehavior Methods

The SilverlightFaultBehavior type exposes the following members.

Methods

	Name	Description
	AddBindingParameters	The add binding parameters.
	ApplyDispatchBehavior	The apply dispatch behavior.
	Equals	Returns a value that indicates whether this instance is equal to a specified object. (Inherited from Attribute.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Returns the hash code for this instance. (Inherited from Attribute.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	IsDefaultAttribute	When overridden in a derived class, indicates whether the value of this instance is the default value for the derived class. (Inherited from Attribute.)
	Match	When overridden in a derived class, returns a value that indicates whether this instance equals a specified object. (Inherited from Attribute.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)
	Validate	The validate.

See Also

SilverlightFaultBehavior Class

Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultBehavior.AddBindingParameters Method

The add binding parameters.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void AddBindingParameters(
        ServiceDescription serviceDescription,
        ServiceHostBase serviceHostBase,
        Collection<ServiceEndpoint> endpoints,
        BindingParameterCollection bindingParameters
)
```

Visual Basic

```
Public Sub AddBindingParameters ( _
        serviceDescription As ServiceDescription, _
        serviceHostBase As ServiceHostBase, _
        endpoints As Collection(Of ServiceEndpoint), _
        bindingParameters As BindingParameterCollecti
)
```

Visual C++

```
public:
virtual void AddBindingParameters(
        ServiceDescription^ serviceDescription,
        ServiceHostBase^ serviceHostBase,
        Collection<ServiceEndpoint^>^ endpoints,
        BindingParameterCollection^ bindingParameters
) sealed
```

Parameters

serviceDescription
Type: System.ServiceModel.Description.ServiceDescription
The service description.

serviceHostBase
Type: System.ServiceModel.ServiceHostBase
The service host base.

endpoints
Type: System.Collections.ObjectModel.Collection(ServiceEndpoint)
The endpoints.

bindingParameters
Type: System.ServiceModel.Channels.BindingParameterCollection
The binding parameters.

Implements

IServiceBehavior.AddBindingParameters(ServiceDescription, ServiceHostBase, Collection(ServiceEndpoint), BindingParameterCollection)

See Also

SilverlightFaultBehavior Class

SilverlightFaultBehavior Members

Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultBehavior.ApplyDispatchBehavior Method

The apply dispatch behavior.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void ApplyDispatchBehavior(
        ServiceDescription serviceDescription,
        ServiceHostBase serviceHostBase
)
```

Visual Basic

```
Public Sub ApplyDispatchBehavior ( _
        serviceDescription As ServiceDescription, _
        serviceHostBase As ServiceHostBase _
)
```

Visual C++

```
public:
virtual void ApplyDispatchBehavior(
        ServiceDescription^ serviceDescription,
        ServiceHostBase^ serviceHostBase
) sealed
```

Parameters

serviceDescription
Type: System.ServiceModel.Description.ServiceDescription
The service description.

serviceHostBase
Type: System.ServiceModel.ServiceHostBase
The service host base.

Implements

IServiceBehavior.ApplyDispatchBehavior(ServiceDescription, ServiceHostBase)

See Also

SilverlightFaultBehavior Class

SilverlightFaultBehavior Members

Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultBehavior.Validate Method

The validate.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void Validate(
        ServiceDescription serviceDescription,
        ServiceHostBase serviceHostBase
)
```

Visual Basic

```
Public Sub Validate ( _
        serviceDescription As ServiceDescription, _
        serviceHostBase As ServiceHostBase _
)
```

Visual C++

```
public:
virtual void Validate(
        ServiceDescription^ serviceDescription,
        ServiceHostBase^ serviceHostBase
) sealed
```

Parameters

serviceDescription
Type: System.ServiceModel.Description.ServiceDescription
The service description.

serviceHostBase
Type: System.ServiceModel.ServiceHostBase
The service host base.

Implements

IServiceBehavior.Validate(ServiceDescription, ServiceHostBase)

See Also

SilverlightFaultBehavior Class

SilverlightFaultBehavior Members

Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultBehavior Properties

The SilverlightFaultBehavior type exposes the following members.

Properties

	Name	Description
	TypeId	When implemented in a derived class, gets a unique identifier for this Attribute. (Inherited from Attribute.)

See Also

SilverlightFaultBehavior Class

Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultElement Class

Members See Also Send Feedback

The silverlight fault element.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class SilverlightFaultElement : BehaviorExtens
```

Visual Basic

```
Public Class SilverlightFaultElement _
        Inherits BehaviorExtensionElement
```

Visual C++

```
public ref class SilverlightFaultElement : public Bel
```

Inheritance Hierarchy

System.Object
  System.Configuration.ConfigurationElement
    ServiceModelConfigurationElement
      System.ServiceModel.Configuration.ServiceModelExtensionElement
        System.ServiceModel.Configuration.BehaviorExtensionElement
          Microsoft.Activities.Extensions.ServiceModel.SilverlightFaultEleme

See Also

SilverlightFaultElement Members

Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultElement Members

The SilverlightFaultElement type exposes the following members.

Constructors

	Name	Description
	SilverlightFaultElement	Initializes a new instance of the SilverlightFaultElement class

Methods

	Name	Description
	CopyFrom	Copies the content of the specif configuration element to this co element. (Inherited from ServiceModelExtensionElemen
	CreateBehavior	The create behavior. (Overrides BehaviorExtensionElement.Cre
	DeserializeElement	Reads XML from the configura (Inherited from ConfigurationE
	Equals	Compares the current Configura instance to the specified object. (Inherited from ConfigurationE
	Finalize	Allows an Object to attempt to f and perform other cleanup oper the Object is reclaimed by garba (Inherited from Object.)
	GetHashCode	Gets a unique value representin ConfigurationElement instance. (Inherited from ConfigurationE
	GetTransformedAssemblyString	Returns the transformed versior specified assembly name. (Inherited from ConfigurationE
	GetTransformedTypeString	Returns the transformed versior specified type name. (Inherited from ConfigurationE
	GetType	Gets the Type of the current inst (Inherited from Object.)
	Init	Sets the ConfigurationElement initial state. (Inherited from ConfigurationE
	InitializeDefault	Used to initialize a default set o ConfigurationElement object.

		(Inherited from ConfigurationE
	IsModified	Gets a value that specifies whet configuration element has been (Inherited from ServiceModelExtensionElemen
	IsReadOnly	Gets a value indicating whether ConfigurationElement object is (Inherited from ConfigurationE
	ListErrors	Adds the invalid-property errors ConfigurationElement object, a subelements, to the passed list. (Inherited from ConfigurationE
	MemberwiseClone	Creates a shallow copy of the cu (Inherited from Object.)
	OnDeserializeUnrecognizedAttribute	Gets a value indicating whether attribute is encountered during d (Inherited from ConfigurationE
	OnDeserializeUnrecognizedElement	Gets a value indicating whether element is encountered during d (Inherited from ConfigurationE
	OnRequiredPropertyNotFound	Throws an exception when a rec is not found. (Inherited from ConfigurationE
	PostDeserialize	Called after deserialization. (Inherited from ConfigurationE
	PreSerialize	Called before serialization. (Inherited from ConfigurationE
	Reset	Resets the internal state of this c element object, including the lo properties collections. (Inherited from ServiceModelExtensionElemen
	ResetModified	Resets the value of the IsModifi false when implemented in a de (Inherited from ConfigurationE
	SerializeElement	Writes the contents of this confi

		element to the configuration file (Inherited from ServiceModelExtensionElement
	SerializeToXmlElement	Writes the outer tags of this con element to the configuration file implemented in a derived class. (Inherited from ConfigurationE
	SetPropertyValue	Sets a property to the specified (Inherited from ConfigurationE
	SetPropertyValueIfNotDefaultValue``1	(Inherited from **ServiceModelConfigurationE**
	SetReadOnly	Sets the IsReadOnly() property ConfigurationElement object an subelements. (Inherited from ConfigurationE
	ToString	Returns a String that represents Object. (Inherited from Object.)
	Unmerge	Modifies the ConfigurationElen remove all values that should nc (Inherited from ConfigurationE

Properties

	Name	Description
	BehaviorType	Gets BehaviorType. (Overrides BehaviorExtensionElement.BehaviorType.)
	ConfigurationElementName	Gets the name of this configuration element. (Inherited from ServiceModelExtensionElement.)
	CurrentConfiguration	Gets a reference to the top-level Configuration instance that represents the configuration hierarchy that the current ConfigurationElement instance belongs to. (Inherited from ConfigurationElement.)
	ElementInformation	Gets an ElementInformation object that contains the non-customizable information and functionality of the ConfigurationElement object. (Inherited from ConfigurationElement.)
	ElementProperty	Gets the ConfigurationElementProperty object that represents the ConfigurationElement object itself. (Inherited from ConfigurationElement.)
	EvaluationContext	Gets the ContextInformation object for the ConfigurationElement object. (Inherited from ConfigurationElement.)
	HasContext	(Inherited from ConfigurationElement.)
	Item(ConfigurationProperty)	Gets or sets a property or attribute of this configuration element. (Inherited from ConfigurationElement.)
	Item(String)	Gets or sets a property, attribute, or child element of this configuration element. (Inherited from ConfigurationElement.)
	LockAllAttributesExcept	Gets the collection of locked attributes. (Inherited from ConfigurationElement.)

	LockAllElementsExcept	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockAttributes	Gets the collection of locked attributes (Inherited from ConfigurationElement.)
	LockElements	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockItem	Gets or sets a value indicating whether the element is locked. (Inherited from ConfigurationElement.)
	Properties	Gets the collection of properties. (Inherited from ConfigurationElement.)

See Also

SilverlightFaultElement Class

Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultElement Constructor

Initializes a new instance of the SilverlightFaultElement class

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public SilverlightFaultElement()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
SilverlightFaultElement()
```

See Also

SilverlightFaultElement Class

SilverlightFaultElement Members

Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultElement Methods

The SilverlightFaultElement type exposes the following members.

Methods

	Name	Description
	CopyFrom	Copies the content of the specif configuration element to this co element. (Inherited from ServiceModelExtensionElemen
	CreateBehavior	The create behavior. (Overrides BehaviorExtensionElement.Cre
	DeserializeElement	Reads XML from the configura (Inherited from ConfigurationE
	Equals	Compares the current Configura instance to the specified object. (Inherited from ConfigurationE
	Finalize	Allows an Object to attempt to f and perform other cleanup oper the Object is reclaimed by garba (Inherited from Object.)
	GetHashCode	Gets a unique value representin ConfigurationElement instance. (Inherited from ConfigurationE
	GetTransformedAssemblyString	Returns the transformed versior specified assembly name. (Inherited from ConfigurationE
	GetTransformedTypeString	Returns the transformed versior specified type name. (Inherited from ConfigurationE
	GetType	Gets the Type of the current inst (Inherited from Object.)
	Init	Sets the ConfigurationElement initial state. (Inherited from ConfigurationE
	InitializeDefault	Used to initialize a default set o ConfigurationElement object.

		(Inherited from ConfigurationE
	IsModified	Gets a value that specifies whet configuration element has been (Inherited from ServiceModelExtensionElemen
	IsReadOnly	Gets a value indicating whether ConfigurationElement object is (Inherited from ConfigurationE
	ListErrors	Adds the invalid-property errors ConfigurationElement object, a subelements, to the passed list. (Inherited from ConfigurationE
	MemberwiseClone	Creates a shallow copy of the cu (Inherited from Object.)
	OnDeserializeUnrecognizedAttribute	Gets a value indicating whether attribute is encountered during d (Inherited from ConfigurationE
	OnDeserializeUnrecognizedElement	Gets a value indicating whether element is encountered during d (Inherited from ConfigurationE
	OnRequiredPropertyNotFound	Throws an exception when a rec is not found. (Inherited from ConfigurationE
	PostDeserialize	Called after deserialization. (Inherited from ConfigurationE
	PreSerialize	Called before serialization. (Inherited from ConfigurationE
	Reset	Resets the internal state of this c element object, including the lo properties collections. (Inherited from ServiceModelExtensionElemen
	ResetModified	Resets the value of the IsModifi false when implemented in a de (Inherited from ConfigurationE
	SerializeElement	Writes the contents of this confi

		element to the configuration file (Inherited from ServiceModelExtensionElement
	SerializeToXmlElement	Writes the outer tags of this con element to the configuration file implemented in a derived class. (Inherited from ConfigurationE
	SetPropertyValue	Sets a property to the specified (Inherited from ConfigurationE
	SetPropertyValueIfNotDefaultValue``1	(Inherited from **ServiceModelConfigurationE**
	SetReadOnly	Sets the IsReadOnly() property ConfigurationElement object an subelements. (Inherited from ConfigurationE
	ToString	Returns a String that represents Object. (Inherited from Object.)
	Unmerge	Modifies the ConfigurationElen remove all values that should nc (Inherited from ConfigurationE

See Also

SilverlightFaultElement Class

Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultElement.CreateBehavior Method

The create behavior.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override Object CreateBehavior()
```

Visual Basic

```
Protected Overrides Function CreateBehavior As Objec
```

Visual C++

```
protected:
virtual Object^ CreateBehavior() override
```

Return Value

The created behavior.

See Also

SilverlightFaultElement Class

SilverlightFaultElement Members

Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultElement Properties

The SilverlightFaultElement type exposes the following members.

Properties

	Name	Description
	BehaviorType	Gets BehaviorType. (Overrides BehaviorExtensionElement.BehaviorType.)
	ConfigurationElementName	Gets the name of this configuration element. (Inherited from ServiceModelExtensionElement.)
	CurrentConfiguration	Gets a reference to the top-level Configuration instance that represents the configuration hierarchy that the current ConfigurationElement instance belongs to. (Inherited from ConfigurationElement.)
	ElementInformation	Gets an ElementInformation object that contains the non-customizable information and functionality of the ConfigurationElement object. (Inherited from ConfigurationElement.)
	ElementProperty	Gets the ConfigurationElementProperty object that represents the ConfigurationElement object itself. (Inherited from ConfigurationElement.)
	EvaluationContext	Gets the ContextInformation object for the ConfigurationElement object. (Inherited from ConfigurationElement.)
	HasContext	(Inherited from ConfigurationElement.)
	Item(ConfigurationProperty)	Gets or sets a property or attribute of this configuration element. (Inherited from ConfigurationElement.)
	Item(String)	Gets or sets a property, attribute, or child element of this configuration element. (Inherited from ConfigurationElement.)
	LockAllAttributesExcept	Gets the collection of locked attributes. (Inherited from ConfigurationElement.)

	LockAllElementsExcept	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockAttributes	Gets the collection of locked attributes (Inherited from ConfigurationElement.)
	LockElements	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockItem	Gets or sets a value indicating whether the element is locked. (Inherited from ConfigurationElement.)
	Properties	Gets the collection of properties. (Inherited from ConfigurationElement.)

See Also

SilverlightFaultElement Class

Microsoft.Activities.Extensions.ServiceModel Namespace

SilverlightFaultElement.BehaviorType Property

Gets BehaviorType.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public override Type BehaviorType { get; }
```

Visual Basic

```
Public Overrides ReadOnly Property BehaviorType As Ty
        Get
```

Visual C++

```
public:
virtual property Type^ BehaviorType {
        Type^ get () override;
}
```

See Also

SilverlightFaultElement Class

SilverlightFaultElement Members

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionConfigElement Class

Configuration element to allow WorkflowExtensions to be added

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class WorkflowExtensionConfigElement : Configu
        IConfigurationElement
```

Visual Basic

```
Public Class WorkflowExtensionConfigElement _
        Inherits ConfigurationElement _
        Implements IConfigurationElement
```

Visual C++

```
public ref class WorkflowExtensionConfigElement : pul
        IConfigurationElement
```

Inheritance Hierarchy

System.Object
  System.Configuration.ConfigurationElement
    Microsoft.Activities.Extensions.ServiceModel.WorkflowExtensionConfig

See Also

WorkflowExtensionConfigElement Members

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionConfigElement Members

The WorkflowExtensionConfigElement type exposes the following members.

Constructors

	Name	Description
	WorkflowExtensionConfigElement()	Initializes a new instance of WorkflowExtensionConfigEle
	WorkflowExtensionConfigElement(String)	Initializes a new instance of WorkflowExtensionConfigEle

Methods

	Name	Description
	DeserializeElement	Reads XML from the configuration file. (Inherited from ConfigurationElement.)
	Equals	Compares the current ConfigurationElement instance to the specified object. (Inherited from ConfigurationElement.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Gets a unique value representing the current ConfigurationElement instance. (Inherited from ConfigurationElement.)
	GetKey	Returns the key for this config element
	GetTransformedAssemblyString	Returns the transformed version of the specified assembly name. (Inherited from ConfigurationElement.)
	GetTransformedTypeString	Returns the transformed version of the specified type name.

		(Inherited from ConfigurationElement.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	Init	Sets the ConfigurationElement object to its initial state. (Inherited from ConfigurationElement.)
	InitializeDefault	Used to initialize a default set of values for the ConfigurationElement object. (Inherited from ConfigurationElement.)
	IsModified	Indicates whether this configuration element has been modified since it was last saved or loaded, when implemented in a derived class. (Inherited from ConfigurationElement.)
	IsReadOnly	Gets a value indicating whether the ConfigurationElement object is read-only. (Inherited from ConfigurationElement.)
	ListErrors	Adds the invalid-property errors in this ConfigurationElement object, and in all subelements, to the passed list. (Inherited from

		ConfigurationElement.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	OnDeserializeUnrecognizedAttribute	Gets a value indicating whether an unknown attribute is encountered during deserialization. (Inherited from ConfigurationElement.)
	OnDeserializeUnrecognizedElement	Gets a value indicating whether an unknown element is encountered during deserialization. (Inherited from ConfigurationElement.)
	OnRequiredPropertyNotFound	Throws an exception when a required property is not found. (Inherited from ConfigurationElement.)
	PostDeserialize	Called after deserialization. (Inherited from ConfigurationElement.)
	PreSerialize	Called before serialization. (Inherited from ConfigurationElement.)
	Reset	Resets the internal state of the ConfigurationElement object, including the locks and the properties collections. (Inherited from ConfigurationElement.)
	ResetModified	Resets the value of the IsModified() method to false when implemented in a

		derived class. (Inherited from ConfigurationElement.)
	SerializeElement	Writes the contents of this configuration element to the configuration file when implemented in a derived class. (Inherited from ConfigurationElement.)
	SerializeToXmlElement	Writes the outer tags of this configuration element to the configuration file when implemented in a derived class. (Inherited from ConfigurationElement.)
	SetPropertyValue	Sets a property to the specified value. (Inherited from ConfigurationElement.)
	SetReadOnly	Sets the IsReadOnly() property for the ConfigurationElement object and all subelements. (Inherited from ConfigurationElement.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)
	Unmerge	Modifies the ConfigurationElement object to remove all values that should not be saved. (Inherited from ConfigurationElement.)

Properties

	Name	Description
	CurrentConfiguration	Gets a reference to the top-level Configuration instance that represents the configuration hierarchy that the current ConfigurationElement instance belongs to. (Inherited from ConfigurationElement.)
	ElementInformation	Gets an ElementInformation object that contains the non-customizable information and functionality of the ConfigurationElement object. (Inherited from ConfigurationElement.)
	ElementProperty	Gets the ConfigurationElementProperty object that represents the ConfigurationElement object itself. (Inherited from ConfigurationElement.)
	EvaluationContext	Gets the ContextInformation object for the ConfigurationElement object. (Inherited from ConfigurationElement.)
	ExtensionType	Contains the fully qualified type name for this extension
	HasContext	(Inherited from ConfigurationElement.)
	Item(ConfigurationProperty)	Gets or sets a property or attribute of this configuration element. (Inherited from ConfigurationElement.)
	Item(String)	Gets or sets a property, attribute, or

		child element of this configuration element. (Inherited from ConfigurationElement.)
	LockAllAttributesExcept	Gets the collection of locked attributes. (Inherited from ConfigurationElement.)
	LockAllElementsExcept	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockAttributes	Gets the collection of locked attributes (Inherited from ConfigurationElement.)
	LockElements	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockItem	Gets or sets a value indicating whether the element is locked. (Inherited from ConfigurationElement.)
	Properties	Gets the collection of properties. (Inherited from ConfigurationElement.)

See Also

WorkflowExtensionConfigElement Class

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionConfigElement Constructor

WorkflowExtensionConfigElement Class See Also Send Feedback

Overload List

	Name	Description
	WorkflowExtensionConfigElement()	Initializes a new instance of WorkflowExtensionConfigEle
	WorkflowExtensionConfigElement(String)	Initializes a new instance of WorkflowExtensionConfigEle

See Also

WorkflowExtensionConfigElement Class
WorkflowExtensionConfigElement Members
Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionConfigElement Constructor

Initializes a new instance of WorkflowExtensionConfigElement

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowExtensionConfigElement()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
WorkflowExtensionConfigElement()
```

See Also

WorkflowExtensionConfigElement Class
WorkflowExtensionConfigElement Members
WorkflowExtensionConfigElement Overload
Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionConfigElement Constructor (String)

Initializes a new instance of WorkflowExtensionConfigElement

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowExtensionConfigElement(
        string key
)
```

Visual Basic

```
Public Sub New ( _
        key As String _
)
```

Visual C++

```
public:
WorkflowExtensionConfigElement(
        String^ key
)
```

Parameters

key
Type: System.String
The key for the element

See Also

WorkflowExtensionConfigElement Class
WorkflowExtensionConfigElement Members
WorkflowExtensionConfigElement Overload
Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionConfigElement Methods

The WorkflowExtensionConfigElement type exposes the following members.

Methods

	Name	Description
	DeserializeElement	Reads XML from the configuration file. (Inherited from ConfigurationElement.)
	Equals	Compares the current ConfigurationElement instance to the specified object. (Inherited from ConfigurationElement.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Gets a unique value representing the current ConfigurationElement instance. (Inherited from ConfigurationElement.)
	GetKey	Returns the key for this config element
	GetTransformedAssemblyString	Returns the transformed version of the specified assembly name. (Inherited from ConfigurationElement.)
	GetTransformedTypeString	Returns the transformed version of the specified type name.

		(Inherited from ConfigurationElement.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	Init	Sets the ConfigurationElement object to its initial state. (Inherited from ConfigurationElement.)
	InitializeDefault	Used to initialize a default set of values for the ConfigurationElement object. (Inherited from ConfigurationElement.)
	IsModified	Indicates whether this configuration element has been modified since it was last saved or loaded, when implemented in a derived class. (Inherited from ConfigurationElement.)
	IsReadOnly	Gets a value indicating whether the ConfigurationElement object is read-only. (Inherited from ConfigurationElement.)
	ListErrors	Adds the invalid-property errors in this ConfigurationElement object, and in all subelements, to the passed list. (Inherited from

		ConfigurationElement.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	OnDeserializeUnrecognizedAttribute	Gets a value indicating whether an unknown attribute is encountered during deserialization. (Inherited from ConfigurationElement.)
	OnDeserializeUnrecognizedElement	Gets a value indicating whether an unknown element is encountered during deserialization. (Inherited from ConfigurationElement.)
	OnRequiredPropertyNotFound	Throws an exception when a required property is not found. (Inherited from ConfigurationElement.)
	PostDeserialize	Called after deserialization. (Inherited from ConfigurationElement.)
	PreSerialize	Called before serialization. (Inherited from ConfigurationElement.)
	Reset	Resets the internal state of the ConfigurationElement object, including the locks and the properties collections. (Inherited from ConfigurationElement.)
	ResetModified	Resets the value of the IsModified() method to false when implemented in a

		derived class. (Inherited from ConfigurationElement.)
	SerializeElement	Writes the contents of this configuration element to the configuration file when implemented in a derived class. (Inherited from ConfigurationElement.)
	SerializeToXmlElement	Writes the outer tags of this configuration element to the configuration file when implemented in a derived class. (Inherited from ConfigurationElement.)
	SetPropertyValue	Sets a property to the specified value. (Inherited from ConfigurationElement.)
	SetReadOnly	Sets the IsReadOnly() property for the ConfigurationElement object and all subelements. (Inherited from ConfigurationElement.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)
	Unmerge	Modifies the ConfigurationElement object to remove all values that should not be saved. (Inherited from ConfigurationElement.)

See Also

WorkflowExtensionConfigElement Class

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionConfigElement.GetKey Method

Returns the key for this config element

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public Object GetKey()
```

Visual Basic

```
Public Function GetKey As Object
```

Visual C++

```
public:
virtual Object^ GetKey() sealed
```

Return Value

[Missing <returns> documentation for "M:Microsoft.Activities.Extensions.ServiceModel.WorkflowExtensionCon

Implements

IConfigurationElement.GetKey()

See Also

WorkflowExtensionConfigElement Class
WorkflowExtensionConfigElement Members
Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionConfigElement Properties

The WorkflowExtensionConfigElement type exposes the following members.

Properties

	Name	Description
	CurrentConfiguration	Gets a reference to the top-level Configuration instance that represents the configuration hierarchy that the current ConfigurationElement instance belongs to. (Inherited from ConfigurationElement.)
	ElementInformation	Gets an ElementInformation object that contains the non-customizable information and functionality of the ConfigurationElement object. (Inherited from ConfigurationElement.)
	ElementProperty	Gets the ConfigurationElementProperty object that represents the ConfigurationElement object itself. (Inherited from ConfigurationElement.)
	EvaluationContext	Gets the ContextInformation object for the ConfigurationElement object. (Inherited from ConfigurationElement.)
	ExtensionType	Contains the fully qualified type name for this extension
	HasContext	(Inherited from ConfigurationElement.)
	Item(ConfigurationProperty)	Gets or sets a property or attribute of this configuration element. (Inherited from ConfigurationElement.)
	Item(String)	Gets or sets a property, attribute, or

		child element of this configuration element. (Inherited from ConfigurationElement.)
	LockAllAttributesExcept	Gets the collection of locked attributes. (Inherited from ConfigurationElement.)
	LockAllElementsExcept	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockAttributes	Gets the collection of locked attributes (Inherited from ConfigurationElement.)
	LockElements	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockItem	Gets or sets a value indicating whether the element is locked. (Inherited from ConfigurationElement.)
	Properties	Gets the collection of properties. (Inherited from ConfigurationElement.)

See Also

WorkflowExtensionConfigElement Class

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionConfigElement.ExtensionType Property

Contains the fully qualified type name for this extension

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public string ExtensionType { get; set; }
```

Visual Basic

```
Public Property ExtensionType As String
        Get
        Set
```

Visual C++

```
public:
property String^ ExtensionType {
        String^ get ();
        void set (String^ value);
}
```

See Also

WorkflowExtensionConfigElement Class
WorkflowExtensionConfigElement Members
Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsBehavior Class

A Service Behavior which will add Workflow extensions

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class WorkflowExtensionsBehavior : IServiceBe
```

Visual Basic

```
Public Class WorkflowExtensionsBehavior _
        Implements IServiceBehavior
```

Visual C++

```
public ref class WorkflowExtensionsBehavior : IServi
```

Inheritance Hierarchy

System.Object

Microsoft.Activities.Extensions.ServiceModel.WorkflowExtensionsBehav

See Also

WorkflowExtensionsBehavior Members

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsBehavior Members

The WorkflowExtensionsBehavior type exposes the following members.

Constructors

	Name	Description
	WorkflowExtensionsBehavior	Initializes a new instance of the WorkflowExtensionsBehavior class. Initializes the WorkflowExtensionsBehavior

Methods

	Name	Description
	AddBindingParameters	Provides the ability to pass custom data to binding elements to support the contract implementation.
	ApplyDispatchBehavior	Provides the ability to change run-time property values or insert custom extension objects such as error handlers, message or parameter interceptors, security extensions, and other custom extension objects.
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)
	Validate	Provides the ability to inspect the service host and the service description to confirm that the service can run successfully.

Properties

	Name	Description
	ExtensionConfigElements	Gets the extension configuration elements

See Also

WorkflowExtensionsBehavior Class

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsBehavior Constructor

Initializes a new instance of the WorkflowExtensionsBehavior class. Initializes the WorkflowExtensionsBehavior

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowExtensionsBehavior(
        ConfigurationElementCollection<WorkflowExtens
)
```

Visual Basic

```
Public Sub New ( _
        extensionConfigElements As ConfigurationElem
)
```

Visual C++

```
public:
WorkflowExtensionsBehavior(
        ConfigurationElementCollection<WorkflowExtens
)
```

Parameters

extensionConfigElements
Type:
Microsoft.Activities.Extensions.ServiceModel.ConfigurationElementCollectio
The extension config elements

See Also

WorkflowExtensionsBehavior Class

WorkflowExtensionsBehavior Members

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsBehavior Methods

The WorkflowExtensionsBehavior type exposes the following members.

Methods

	Name	Description
	AddBindingParameters	Provides the ability to pass custom data to binding elements to support the contract implementation.
	ApplyDispatchBehavior	Provides the ability to change run-time property values or insert custom extension objects such as error handlers, message or parameter interceptors, security extensions, and other custom extension objects.
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)
	Validate	Provides the ability to inspect the service host and the service description to confirm that the service can run successfully.

See Also

WorkflowExtensionsBehavior Class

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsBehavior.AddBindingParameters Method

Provides the ability to pass custom data to binding elements to support the contract implementation.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void AddBindingParameters(
        ServiceDescription serviceDescription,
        ServiceHostBase serviceHostBase,
        Collection<ServiceEndpoint> endpoints,
        BindingParameterCollection bindingParameters
)
```

Visual Basic

```
Public Sub AddBindingParameters ( _
        serviceDescription As ServiceDescription, _
        serviceHostBase As ServiceHostBase, _
        endpoints As Collection(Of ServiceEndpoint), _
        bindingParameters As BindingParameterCollect
)
```

Visual C++

```
public:
virtual void AddBindingParameters(
        ServiceDescription^ serviceDescription,
        ServiceHostBase^ serviceHostBase,
        Collection<ServiceEndpoint^>^ endpoints,
        BindingParameterCollection^ bindingParameter
) sealed
```

Parameters

serviceDescription
Type: System.ServiceModel.Description.ServiceDescription
The service description of the service.

serviceHostBase
Type: System.ServiceModel.ServiceHostBase
The host of the service.

endpoints
Type: System.Collections.ObjectModel.Collection(ServiceEndpoint)
The service endpoints.

bindingParameters
Type: System.ServiceModel.Channels.BindingParameterCollection
Custom objects to which binding elements have access.

Implements

IServiceBehavior.AddBindingParameters(ServiceDescription, ServiceHostBase, Collection(ServiceEndpoint), BindingParameterCollection)

See Also

WorkflowExtensionsBehavior Class

WorkflowExtensionsBehavior Members

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsBehavior.ApplyDispatchBehavior Method

Provides the ability to change run-time property values or insert custom extension objects such as error handlers, message or parameter interceptors, security extensions, and other custom extension objects.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void ApplyDispatchBehavior(
        ServiceDescription serviceDescription,
        ServiceHostBase serviceHostBase
)
```

Visual Basic

```
Public Sub ApplyDispatchBehavior ( _
        serviceDescription As ServiceDescription, _
        serviceHostBase As ServiceHostBase _
)
```

Visual C++

```
public:
virtual void ApplyDispatchBehavior(
        ServiceDescription^ serviceDescription,
        ServiceHostBase^ serviceHostBase
) sealed
```

Parameters

serviceDescription
Type: System.ServiceModel.Description.ServiceDescription
The service description.

serviceHostBase
Type: System.ServiceModel.ServiceHostBase
The host that is currently being built.

Implements

IServiceBehavior.ApplyDispatchBehavior(ServiceDescription, ServiceHostBase)

See Also

WorkflowExtensionsBehavior Class

WorkflowExtensionsBehavior Members

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsBehavior.Validate Method

Provides the ability to inspect the service host and the service description to confirm that the service can run successfully.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void Validate(
        ServiceDescription serviceDescription,
        ServiceHostBase serviceHostBase
)
```

Visual Basic

```
Public Sub Validate ( _
        serviceDescription As ServiceDescription, _
        serviceHostBase As ServiceHostBase _
)
```

Visual C++

```
public:
virtual void Validate(
        ServiceDescription^ serviceDescription,
        ServiceHostBase^ serviceHostBase
) sealed
```

Parameters

serviceDescription
Type: System.ServiceModel.Description.ServiceDescription
The service description.

serviceHostBase
Type: System.ServiceModel.ServiceHostBase
The service host that is currently being constructed.

Implements

IServiceBehavior.Validate(ServiceDescription, ServiceHostBase)

See Also

WorkflowExtensionsBehavior Class

WorkflowExtensionsBehavior Members

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsBehavior Properties

The WorkflowExtensionsBehavior type exposes the following members.

Properties

	Name	Description
	ExtensionConfigElements	Gets the extension configuration elements

See Also

WorkflowExtensionsBehavior Class

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsBehavior.ExtensionConfigElements Property

Gets the extension configuration elements

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected ConfigurationElementCollection<WorkflowExt
```

Visual Basic

```
Protected Property ExtensionConfigElements As Configu
        Get
        Private Set
```

Visual C++

```
protected:
property ConfigurationElementCollection<WorkflowExte
        ConfigurationElementCollection<WorkflowExtens
        private: void set (ConfigurationElementColle
}
```

See Also

WorkflowExtensionsBehavior Class

WorkflowExtensionsBehavior Members

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsElement Class

Configuration element for Workflow Extensions

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class WorkflowExtensionsElement : BehaviorExt
```

Visual Basic

```
Public Class WorkflowExtensionsElement _
        Inherits BehaviorExtensionElement
```

Visual C++

```
public ref class WorkflowExtensionsElement : public B
```

Inheritance Hierarchy

System.Object
  System.Configuration.ConfigurationElement
    ServiceModelConfigurationElement
      System.ServiceModel.Configuration.ServiceModelExtensionElement
        System.ServiceModel.Configuration.BehaviorExtensionElement
          Microsoft.Activities.Extensions.ServiceModel.WorkflowExtensionsE

See Also

WorkflowExtensionsElement Members

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsElement Members

The WorkflowExtensionsElement type exposes the following members.

Constructors

	Name	Description
	WorkflowExtensionsElement	Initializes a new instance of the WorkflowExtensionsElement class

Methods

	Name	Description
	CopyFrom	Copies the content of the specif configuration element to this co element. (Inherited from ServiceModelExtensionElemen
	CreateBehavior	Creates a behavior extension ba current configuration settings. (Overrides BehaviorExtensionElement.Cre
	DeserializeElement	Reads XML from the configura (Inherited from ConfigurationE
	Equals	Compares the current Configura instance to the specified object. (Inherited from ConfigurationE
	Finalize	Allows an Object to attempt to f and perform other cleanup oper the Object is reclaimed by garba (Inherited from Object.)
	GetHashCode	Gets a unique value representing ConfigurationElement instance. (Inherited from ConfigurationE
	GetTransformedAssemblyString	Returns the transformed version specified assembly name. (Inherited from ConfigurationE
	GetTransformedTypeString	Returns the transformed version specified type name. (Inherited from ConfigurationE
	GetType	Gets the Type of the current inst (Inherited from Object.)
	Init	Sets the ConfigurationElement initial state. (Inherited from ConfigurationE
	InitializeDefault	Used to initialize a default set o

		ConfigurationElement object. (Inherited from ConfigurationE
	IsModified	Gets a value that specifies whet configuration element has been (Inherited from ServiceModelExtensionElemen
	IsReadOnly	Gets a value indicating whether ConfigurationElement object is (Inherited from ConfigurationE
	ListErrors	Adds the invalid-property errors ConfigurationElement object, a subelements, to the passed list. (Inherited from ConfigurationE
	MemberwiseClone	Creates a shallow copy of the cu (Inherited from Object.)
	OnDeserializeUnrecognizedAttribute	Gets a value indicating whether attribute is encountered during d (Inherited from ConfigurationE
	OnDeserializeUnrecognizedElement	Gets a value indicating whether element is encountered during d (Inherited from ConfigurationE
	OnRequiredPropertyNotFound	Throws an exception when a rec is not found. (Inherited from ConfigurationE
	PostDeserialize	Called after deserialization. (Inherited from ConfigurationE
	PreSerialize	Called before serialization. (Inherited from ConfigurationE
	Reset	Resets the internal state of this c element object, including the lo properties collections. (Inherited from ServiceModelExtensionElemen
	ResetModified	Resets the value of the IsModifi false when implemented in a de (Inherited from ConfigurationE

	SerializeElement	Writes the contents of this confi element to the configuration file (Inherited from ServiceModelExtensionElement
	SerializeToXmlElement	Writes the outer tags of this con element to the configuration file implemented in a derived class. (Inherited from ConfigurationE
	SetPropertyValue	Sets a property to the specified (Inherited from ConfigurationE
	SetPropertyValueIfNotDefaultValue``1	(Inherited from **ServiceModelConfigurationEl**
	SetReadOnly	Sets the IsReadOnly() property ConfigurationElement object an subelements. (Inherited from ConfigurationE
	ToString	Returns a String that represents Object. (Inherited from Object.)
	Unmerge	Modifies the ConfigurationElen remove all values that should nc (Inherited from ConfigurationE

Properties

	Name	Description
	BehaviorType	Gets the type of behavior. (Overrides BehaviorExtensionElement.BehaviorType.)
	ConfigurationElementName	Gets the name of this configuration element. (Inherited from ServiceModelExtensionElement.)
	CurrentConfiguration	Gets a reference to the top-level Configuration instance that represents the configuration hierarchy that the current ConfigurationElement instance belongs to. (Inherited from ConfigurationElement.)
	ElementInformation	Gets an ElementInformation object that contains the non-customizable information and functionality of the ConfigurationElement object. (Inherited from ConfigurationElement.)
	ElementProperty	Gets the ConfigurationElementProperty object that represents the ConfigurationElement object itself. (Inherited from ConfigurationElement.)
	EvaluationContext	Gets the ContextInformation object for the ConfigurationElement object. (Inherited from ConfigurationElement.)
	Extensions	Gets The extensions collection
	HasContext	(Inherited from ConfigurationElement.)
	Item(ConfigurationProperty)	Gets or sets a property or attribute of this configuration element. (Inherited from ConfigurationElement.)
	Item(String)	Gets or sets a property, attribute, or child element of this configuration element. (Inherited from ConfigurationElement.)
	LockAllAttributesExcept	Gets the collection of locked attributes.

		(Inherited from ConfigurationElement.)
	LockAllElementsExcept	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockAttributes	Gets the collection of locked attributes (Inherited from ConfigurationElement.)
	LockElements	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockItem	Gets or sets a value indicating whether the element is locked. (Inherited from ConfigurationElement.)
	Properties	Gets the collection of properties. (Inherited from ConfigurationElement.)

See Also

WorkflowExtensionsElement Class

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsElement Constructor

Initializes a new instance of the WorkflowExtensionsElement class

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public WorkflowExtensionsElement()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
WorkflowExtensionsElement()
```

See Also

WorkflowExtensionsElement Class
WorkflowExtensionsElement Members
Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsElement Methods

The WorkflowExtensionsElement type exposes the following members.

Methods

	Name	Description
	CopyFrom	Copies the content of the specif configuration element to this co element. (Inherited from ServiceModelExtensionElemen
	CreateBehavior	Creates a behavior extension ba current configuration settings. (Overrides BehaviorExtensionElement.Cre
	DeserializeElement	Reads XML from the configura (Inherited from ConfigurationE
	Equals	Compares the current Configura instance to the specified object. (Inherited from ConfigurationE
	Finalize	Allows an Object to attempt to f and perform other cleanup oper the Object is reclaimed by garba (Inherited from Object.)
	GetHashCode	Gets a unique value representing ConfigurationElement instance. (Inherited from ConfigurationE
	GetTransformedAssemblyString	Returns the transformed version specified assembly name. (Inherited from ConfigurationE
	GetTransformedTypeString	Returns the transformed version specified type name. (Inherited from ConfigurationE
	GetType	Gets the Type of the current inst (Inherited from Object.)
	Init	Sets the ConfigurationElement initial state. (Inherited from ConfigurationE
	InitializeDefault	Used to initialize a default set o

		ConfigurationElement object. (Inherited from ConfigurationE
	IsModified	Gets a value that specifies whet configuration element has been (Inherited from ServiceModelExtensionElemen
	IsReadOnly	Gets a value indicating whether ConfigurationElement object is (Inherited from ConfigurationE
	ListErrors	Adds the invalid-property errors ConfigurationElement object, a subelements, to the passed list. (Inherited from ConfigurationE
	MemberwiseClone	Creates a shallow copy of the cu (Inherited from Object.)
	OnDeserializeUnrecognizedAttribute	Gets a value indicating whether attribute is encountered during d (Inherited from ConfigurationE
	OnDeserializeUnrecognizedElement	Gets a value indicating whether element is encountered during d (Inherited from ConfigurationE
	OnRequiredPropertyNotFound	Throws an exception when a rec is not found. (Inherited from ConfigurationE
	PostDeserialize	Called after deserialization. (Inherited from ConfigurationE
	PreSerialize	Called before serialization. (Inherited from ConfigurationE
	Reset	Resets the internal state of this c element object, including the lo properties collections. (Inherited from ServiceModelExtensionElemen
	ResetModified	Resets the value of the IsModifi false when implemented in a de (Inherited from ConfigurationE

	SerializeElement	Writes the contents of this confi element to the configuration file (Inherited from ServiceModelExtensionElement
	SerializeToXmlElement	Writes the outer tags of this con element to the configuration file implemented in a derived class. (Inherited from ConfigurationE
	SetPropertyValue	Sets a property to the specified (Inherited from ConfigurationE
	SetPropertyValueIfNotDefaultValue``1	(Inherited from **ServiceModelConfigurationEl**
	SetReadOnly	Sets the IsReadOnly() property ConfigurationElement object an subelements. (Inherited from ConfigurationE
	ToString	Returns a String that represents Object. (Inherited from Object.)
	Unmerge	Modifies the ConfigurationElen remove all values that should nc (Inherited from ConfigurationE

See Also

WorkflowExtensionsElement Class

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsElement.CreateBehavior Method

Creates a behavior extension based on the current configuration settings.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override Object CreateBehavior()
```

Visual Basic

```
Protected Overrides Function CreateBehavior As Objec
```

Visual C++

```
protected:
virtual Object^ CreateBehavior() override
```

Return Value

The behavior extension.

See Also

WorkflowExtensionsElement Class
WorkflowExtensionsElement Members
Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsElement Properties

The WorkflowExtensionsElement type exposes the following members.

Properties

	Name	Description
	BehaviorType	Gets the type of behavior. (Overrides BehaviorExtensionElement.BehaviorType.)
	ConfigurationElementName	Gets the name of this configuration element. (Inherited from ServiceModelExtensionElement.)
	CurrentConfiguration	Gets a reference to the top-level Configuration instance that represents the configuration hierarchy that the current ConfigurationElement instance belongs to. (Inherited from ConfigurationElement.)
	ElementInformation	Gets an ElementInformation object that contains the non-customizable information and functionality of the ConfigurationElement object. (Inherited from ConfigurationElement.)
	ElementProperty	Gets the ConfigurationElementProperty object that represents the ConfigurationElement object itself. (Inherited from ConfigurationElement.)
	EvaluationContext	Gets the ContextInformation object for the ConfigurationElement object. (Inherited from ConfigurationElement.)
	Extensions	Gets The extensions collection
	HasContext	(Inherited from ConfigurationElement.)
	Item(ConfigurationProperty)	Gets or sets a property or attribute of this configuration element. (Inherited from ConfigurationElement.)
	Item(String)	Gets or sets a property, attribute, or child element of this configuration element. (Inherited from ConfigurationElement.)
	LockAllAttributesExcept	Gets the collection of locked attributes.

		(Inherited from ConfigurationElement.)
	LockAllElementsExcept	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockAttributes	Gets the collection of locked attributes (Inherited from ConfigurationElement.)
	LockElements	Gets the collection of locked elements. (Inherited from ConfigurationElement.)
	LockItem	Gets or sets a value indicating whether the element is locked. (Inherited from ConfigurationElement.)
	Properties	Gets the collection of properties. (Inherited from ConfigurationElement.)

See Also

WorkflowExtensionsElement Class

Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsElement.BehaviorType Property

Gets the type of behavior.

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public override Type BehaviorType { get; }
```

Visual Basic

```
Public Overrides ReadOnly Property BehaviorType As Ty
        Get
```

Visual C++

```
public:
virtual property Type^ BehaviorType {
        Type^ get () override;
}
```

Return Value

A Type.

See Also

WorkflowExtensionsElement Class
WorkflowExtensionsElement Members
Microsoft.Activities.Extensions.ServiceModel Namespace

WorkflowExtensionsElement.Extensions Property

Gets The extensions collection

Namespace: Microsoft.Activities.Extensions.ServiceModel
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public ConfigurationElementCollection<WorkflowExtens
```

Visual Basic

```
Public ReadOnly Property Extensions As ConfigurationE
        Get
```

Visual C++

```
public:
property ConfigurationElementCollection<WorkflowExte
        ConfigurationElementCollection<WorkflowExtens
}
```

See Also

WorkflowExtensionsElement Class
WorkflowExtensionsElement Members
Microsoft.Activities.Extensions.ServiceModel Namespace

Microsoft.Activities.Extensions.Statements Namespace

Send Feedback

Provides additional workflow activities

Classes

	Class	Description
	AddToDictionary(TKey, TValue)	The AddToDictionary activity will add a key value pair to a dictionary.
	ClearDictionary(TKey, TValue)	The ClearDictionary will clear a dictionary.
	DelayUntilDateTime	The DelayUntilDateTime activity will delay until the specified date and time if it is in the future.
	DelayUntilTime	The DelayUntilTime activity
	GetFromDictionary(TKey, TValue)	The GetFromDictionary activity will add a key value pair to a dictionary.
	GetInstanceId	Activity that returns the workflow instance ID
	InvokeWorkflow	Activity that invokes another workflow using WorkflowInvoker
	KeyExistsInDictionary(TKey, TValue)	The KeyExistsInDictionary activity determines if a key exists in a dictionary
	LoadActivity	Loads a workflow definition from a XAML file
	LoadAndInvokeWorkflow	The load and invoke workflow.
	LoadAssembly	Loads an assembly into the current AppDomain
	RemoveFromDictionary(TKey, TValue)	The RemoveFromDictionary activity will remove a key value pair to a dictionary.
	ValueExistsInDictionary(TKey, TValue)	The ValueExistsInDictionary activity determines if a value exists in a dictionary

AddToDictionary(*TKey*, *TValue*) Class

The AddToDictionary activity will add a key value pair to a dictionary.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public sealed class AddToDictionary<TKey, TValue> : C
```

Visual Basic

```
Public NotInheritable Class AddToDictionary(Of TKey,
        Inherits CodeActivity
```

Visual C++

```
generic<typename TKey, typename TValue>
public ref class AddToDictionary sealed : public Cod
```

Type Parameters

TKey
Type of the key
TValue
Type of the value

Inheritance Hierarchy

System.Object
  System.Activities.Activity
    System.Activities.CodeActivity
      Microsoft.Activities.Extensions.Statements.AddToDictionary(TKey, TValue)

See Also

AddToDictionary(TKey, TValue) Members

Microsoft.Activities.Extensions.Statements Namespace

AddToDictionary(*TKey*, *TValue*) Members

The AddToDictionary(TKey, TValue) type exposes the following members.

Constructors

	Name	Description
	AddToDictionary(TKey, TValue)	Initializes a new instance of the AddToDictionary(TKey, TValue) class

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe instead. (Inherited from CodeActivity.)
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio activity's arguments, variables, cl activities, and activity delegates. (Inherited from CodeActivity.)
	Equals	Determines whether the specified equal to the current Object. (Inherited from Object.)
	Execute	The execute. (Overrides CodeActivity.Execute(CodeActiv
	Finalize	Allows an Object to attempt to fr and perform other cleanup operat the Object is reclaimed by garbag (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity.)
	ShouldSerializeDisplayName	Indicates whether the DisplayNar should be serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the DisplayName of the Activity. (Inherited from Activity.)

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	Dictionary	Gets or sets Dictionary.
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity.)
	ImplementationVersion	(Inherited from CodeActivity.)
	Key	Gets or sets Key.
	Value	Gets or sets Value.

See Also

AddToDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

AddToDictionary(*TKey*, *TValue*) Constructor

Initializes a new instance of the AddToDictionary(TKey, TValue) class

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public AddToDictionary()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
AddToDictionary()
```

See Also

AddToDictionary(TKey, TValue) Class
AddToDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

AddToDictionary(*TKey*, *TValue*) Methods

The AddToDictionary(TKey, TValue) type exposes the following members.

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe instead. (Inherited from CodeActivity.)
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio activity's arguments, variables, cl activities, and activity delegates. (Inherited from CodeActivity.)
	Equals	Determines whether the specified equal to the current Object. (Inherited from Object.)
	Execute	The execute. (Overrides CodeActivity.Execute(CodeActiv
	Finalize	Allows an Object to attempt to fr and perform other cleanup operat the Object is reclaimed by garbag (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity.)
	ShouldSerializeDisplayName	Indicates whether the DisplayNar should be serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the DisplayName of the Activity. (Inherited from Activity.)

See Also

AddToDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

AddToDictionary(*TKey*, *TValue*).Execute Method

The execute.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void Execute(
        CodeActivityContext context
)
```

Visual Basic

```
Protected Overrides Sub Execute ( _
        context As CodeActivityContext _
)
```

Visual C++

```
protected:
virtual void Execute(
        CodeActivityContext^ context
) override
```

Parameters

context
Type: System.Activities.CodeActivityContext
The context.

Exceptions

Exception	Condition
System.InvalidOperationException	Dictionary is null

See Also

AddToDictionary(TKey, TValue) Class
AddToDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

AddToDictionary(*TKey*, *TValue*) Properties

The AddToDictionary(TKey, TValue) type exposes the following members.

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	Dictionary	Gets or sets Dictionary.
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity.)
	ImplementationVersion	(Inherited from CodeActivity.)
	Key	Gets or sets Key.
	Value	Gets or sets Value.

See Also

AddToDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

AddToDictionary(*TKey*, *TValue*).Dictionary Property

Gets or sets Dictionary.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<IDictionary<TKey, TValue>> Dictiona
```

Visual Basic

```
Public Property Dictionary As InArgument(Of IDictiona
        Get
        Set
```

Visual C++

```
public:
property InArgument<IDictionary<TKey, TValue>^>^ Dic
        InArgument<IDictionary<TKey, TValue>^>^ get
        void set (InArgument<IDictionary<TKey, TValu
}
```

See Also

AddToDictionary(TKey, TValue) Class
AddToDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

AddToDictionary(*TKey*, *TValue*).Key Property

Gets or sets Key.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<TKey> Key { get; set; }
```

Visual Basic

```
Public Property Key As InArgument(Of TKey)
        Get
        Set
```

Visual C++

```
public:
property InArgument<TKey>^ Key {
        InArgument<TKey>^ get ();
        void set (InArgument<TKey>^ value);
}
```

See Also

AddToDictionary(TKey, TValue) Class
AddToDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

AddToDictionary(*TKey*, *TValue*).Value Property

Gets or sets Value.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<TValue> Value { get; set; }
```

Visual Basic

```
Public Property Value As InArgument(Of TValue)
        Get
        Set
```

Visual C++

```
public:
property InArgument<TValue>^ Value {
        InArgument<TValue>^ get ();
        void set (InArgument<TValue>^ value);
}
```

See Also

AddToDictionary(TKey, TValue) Class
AddToDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

ClearDictionary(*TKey*, *TValue*) Class

The ClearDictionary will clear a dictionary.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public sealed class ClearDictionary<TKey, TValue> : C
```

Visual Basic

```
Public NotInheritable Class ClearDictionary(Of TKey,
        Inherits CodeActivity
```

Visual C++

```
generic<typename TKey, typename TValue>
public ref class ClearDictionary sealed : public Cod
```

Type Parameters

TKey
Type of the key
TValue
Type of the value

Inheritance Hierarchy

System.Object
  System.Activities.Activity
    System.Activities.CodeActivity
      Microsoft.Activities.Extensions.Statements.ClearDictionary(TKey, TValue)

See Also

ClearDictionary(TKey, TValue) Members

Microsoft.Activities.Extensions.Statements Namespace

ClearDictionary(*TKey*, *TValue*) Members

The ClearDictionary(TKey, TValue) type exposes the following members.

Constructors

	Name	Description
	ClearDictionary(TKey, TValue)	Initializes a new instance of the ClearDictionary(TKey, TValue) class

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe instead. (Inherited from CodeActivity.)
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio activity's arguments, variables, cl activities, and activity delegates. (Inherited from CodeActivity.)
	Equals	Determines whether the specified equal to the current Object. (Inherited from Object.)
	Execute	The execute. (Overrides CodeActivity.Execute(CodeActiv
	Finalize	Allows an Object to attempt to fr and perform other cleanup operat the Object is reclaimed by garbag (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity.)
	ShouldSerializeDisplayName	Indicates whether the DisplayNar should be serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the DisplayName of the Activity. (Inherited from Activity.)

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	Dictionary	Gets or sets Dictionary.
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity.)
	ImplementationVersion	(Inherited from CodeActivity.)

See Also

ClearDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

ClearDictionary(*TKey*, *TValue*) Constructor

Initializes a new instance of the ClearDictionary(TKey, TValue) class

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public ClearDictionary()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
ClearDictionary()
```

See Also

ClearDictionary(TKey, TValue) Class
ClearDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

ClearDictionary(*TKey*, *TValue*) Methods

The ClearDictionary(TKey, TValue) type exposes the following members.

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe instead. (Inherited from CodeActivity.)
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio activity's arguments, variables, cl activities, and activity delegates. (Inherited from CodeActivity.)
	Equals	Determines whether the specified equal to the current Object. (Inherited from Object.)
	Execute	The execute. (Overrides CodeActivity.Execute(CodeActiv
	Finalize	Allows an Object to attempt to fr and perform other cleanup operat the Object is reclaimed by garbag (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity.)
	ShouldSerializeDisplayName	Indicates whether the DisplayNar should be serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the DisplayName of the Activity. (Inherited from Activity.)

See Also

ClearDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

ClearDictionary(*TKey*, *TValue*).Execute Method

The execute.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void Execute(
        CodeActivityContext context
)
```

Visual Basic

```
Protected Overrides Sub Execute ( _
        context As CodeActivityContext _
)
```

Visual C++

```
protected:
virtual void Execute(
        CodeActivityContext^ context
) override
```

Parameters

context
Type: System.Activities.CodeActivityContext
The context.

Exceptions

Exception	Condition
System.InvalidOperationException	Dictionary is null

See Also

ClearDictionary(TKey, TValue) Class
ClearDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

ClearDictionary(*TKey*, *TValue*) Properties

The ClearDictionary(TKey, TValue) type exposes the following members.

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	Dictionary	Gets or sets Dictionary.
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity.)
	ImplementationVersion	(Inherited from CodeActivity.)

See Also

ClearDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

ClearDictionary(*TKey*, *TValue*).Dictionary Property

Gets or sets Dictionary.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<IDictionary<TKey, TValue>> Dictiona
```

Visual Basic

```
Public Property Dictionary As InArgument(Of IDictiona
        Get
        Set
```

Visual C++

```
public:
property InArgument<IDictionary<TKey, TValue>^>^ Dic
        InArgument<IDictionary<TKey, TValue>^>^ get
        void set (InArgument<IDictionary<TKey, TValu
}
```

See Also

ClearDictionary(TKey, TValue) Class
ClearDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

DelayUntilDateTime Class

The DelayUntilDateTime activity will delay until the specified date and time if it is in the future.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public sealed class DelayUntilDateTime : NativeActiv
```

Visual Basic

```
Public NotInheritable Class DelayUntilDateTime _
        Inherits NativeActivity
```

Visual C++

```
public ref class DelayUntilDateTime sealed : public
```

Inheritance Hierarchy

System.Object
  System.Activities.Activity
    System.Activities.NativeActivity
      Microsoft.Activities.Extensions.Statements.DelayUntilDateTime

See Also

DelayUntilDateTime Members

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilDateTime Members

The DelayUntilDateTime type exposes the following members.

Constructors

	Name	Description
	DelayUntilDateTime	Initializes a new instance of the DelayUntilDateTime class.

Methods

	Name
	Abort
	CacheMetadata(ActivityMetadata)
	CacheMetadata(NativeActivityMetadata)
	Cancel
	Equals
	Execute
	Finalize
	GetHashCode
	GetType
	MemberwiseClone
	OnCreateDynamicUpdateMap(UpdateMapMetadata, Activity)
	OnCreateDynamicUpdateMap(NativeActivityUpdateMapMetadata, Activity)
	ShouldSerializeDisplayName

		s (
	ToString	] t (
	UpdateInstance	(

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	CanInduceIdle	Gets a value indicating whether CanInduceIdle. (Overrides NativeActivity.CanInduceIdle.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	The execution logic of the activity. (Inherited from NativeActivity.)
	ImplementationVersion	(Inherited from NativeActivity.)
	UntilDate	Gets or sets the specific date and time to wait until

See Also

DelayUntilDateTime Class

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilDateTime Constructor

Initializes a new instance of the DelayUntilDateTime class.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public DelayUntilDateTime()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
DelayUntilDateTime()
```

See Also

DelayUntilDateTime Class

DelayUntilDateTime Members

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilDateTime Methods

The DelayUntilDateTime type exposes the following members.

Methods

	Name
	Abort
	CacheMetadata(ActivityMetadata)
	CacheMetadata(NativeActivityMetadata)
	Cancel
	Equals
	Execute
	Finalize
	GetHashCode
	GetType
	MemberwiseClone
	OnCreateDynamicUpdateMap(UpdateMapMetadata, Activity)
	OnCreateDynamicUpdateMap(NativeActivityUpdateMapMetadata, Activity)
	ShouldSerializeDisplayName

		s (
	ToString	] t (
	UpdateInstance	(

See Also

DelayUntilDateTime Class

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilDateTime.CacheMetadata Method

Overload List

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use the CacheMetadata(NativeActivityM (Inherited from NativeActivity.)
	CacheMetadata(NativeActivityMetadata)	The cache metadata. (Overrides NativeActivity.CacheMetadata(

See Also

DelayUntilDateTime Class

DelayUntilDateTime Members

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilDateTime.CacheMetadata Method (NativeActivityMetadata)

The cache metadata.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void CacheMetadata(
        NativeActivityMetadata metadata
)
```

Visual Basic

```
Protected Overrides Sub CacheMetadata ( _
        metadata As NativeActivityMetadata _
)
```

Visual C++

```
protected:
virtual void CacheMetadata(
        NativeActivityMetadata metadata
) override
```

Parameters

metadata
Type: System.Activities.NativeActivityMetadata
The metadata.

See Also

DelayUntilDateTime Class
DelayUntilDateTime Members
CacheMetadata Overload
Microsoft.Activities.Extensions.Statements Namespace

DelayUntilDateTime.Execute Method

The execute method.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void Execute(
        NativeActivityContext context
)
```

Visual Basic

```
Protected Overrides Sub Execute ( _
        context As NativeActivityContext _
)
```

Visual C++

```
protected:
virtual void Execute(
        NativeActivityContext^ context
) override
```

Parameters

context
Type: System.Activities.NativeActivityContext
The context.

See Also

DelayUntilDateTime Class

DelayUntilDateTime Members

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilDateTime Properties

The DelayUntilDateTime type exposes the following members.

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	CanInduceIdle	Gets a value indicating whether CanInduceIdle. (Overrides NativeActivity.CanInduceIdle.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	The execution logic of the activity. (Inherited from NativeActivity.)
	ImplementationVersion	(Inherited from NativeActivity.)
	UntilDate	Gets or sets the specific date and time to wait until

See Also

DelayUntilDateTime Class

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilDateTime.CanInduceIdle Property

Gets a value indicating whether CanInduceIdle.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override bool CanInduceIdle { get; }
```

Visual Basic

```
Protected Overrides ReadOnly Property CanInduceIdle A
        Get
```

Visual C++

```
protected:
virtual property bool CanInduceIdle {
        bool get () override;
}
```

See Also

DelayUntilDateTime Class

DelayUntilDateTime Members

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilDateTime.UntilDate Property

Gets or sets the specific date and time to wait until

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<DateTime> UntilDate { get; set; }
```

Visual Basic

```
Public Property UntilDate As InArgument(Of DateTime)
        Get
        Set
```

Visual C++

```
public:
property InArgument<DateTime>^ UntilDate {
        InArgument<DateTime>^ get ();
        void set (InArgument<DateTime>^ value);
}
```

Remarks

If the date and time is in the past, the activity will not delay

See Also

DelayUntilDateTime Class

DelayUntilDateTime Members

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilTime Class

Members See Also Send Feedback

The DelayUntilTime activity

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public sealed class DelayUntilTime : NativeActivity
```

Visual Basic

```
Public NotInheritable Class DelayUntilTime _
        Inherits NativeActivity
```

Visual C++

```
public ref class DelayUntilTime sealed : public Nati
```

Remarks

An activity that will delay until the next occurance of a time on an allowed day. If no days of the week are specified, any day is allowed

Inheritance Hierarchy

System.Object
  System.Activities.Activity
    System.Activities.NativeActivity
      Microsoft.Activities.Extensions.Statements.DelayUntilTime

See Also

DelayUntilTime Members

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilTime Members

The DelayUntilTime type exposes the following members.

Constructors

	Name	Description
	DelayUntilTime	Initializes a new instance of the DelayUntilTime class.

Methods

	Name
	Abort
	CacheMetadata(ActivityMetadata)
	CacheMetadata(NativeActivityMetadata)
	Cancel
	Equals
	Execute
	Finalize
	GetHashCode
	GetType
	MemberwiseClone
	OnCreateDynamicUpdateMap(UpdateMapMetadata, Activity)
	OnCreateDynamicUpdateMap(NativeActivityUpdateMapMetadata, Activity)
	ShouldSerializeDisplayName

		s (
	ToString	] t (
	UpdateInstance	(

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	CanInduceIdle	Gets a value indicating whether CanInduceIdle. (Overrides NativeActivity.CanInduceIdle.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	The execution logic of the activity. (Inherited from NativeActivity.)
	ImplementationVersion	(Inherited from NativeActivity.)
	OccurenceDays	Gets or sets OccurenceDays
	Time	Gets or sets the Time to wait until

See Also

DelayUntilTime Class

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilTime Constructor

Initializes a new instance of the DelayUntilTime class.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public DelayUntilTime()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
DelayUntilTime()
```

See Also

DelayUntilTime Class

DelayUntilTime Members

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilTime Methods

The DelayUntilTime type exposes the following members.

Methods

	Name
	Abort
	CacheMetadata(ActivityMetadata)
	CacheMetadata(NativeActivityMetadata)
	Cancel
	Equals
	Execute
	Finalize
	GetHashCode
	GetType
	MemberwiseClone
	OnCreateDynamicUpdateMap(UpdateMapMetadata, Activity)
	OnCreateDynamicUpdateMap(NativeActivityUpdateMapMetadata, Activity)
	ShouldSerializeDisplayName

		s (
	ToString	] t (
	UpdateInstance	(

See Also

DelayUntilTime Class

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilTime.CacheMetadata Method

Overload List

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use the CacheMetadata(NativeActivityM (Inherited from NativeActivity.)
	CacheMetadata(NativeActivityMetadata)	The cache metadata. (Overrides NativeActivity.CacheMetadata(

See Also

DelayUntilTime Class

DelayUntilTime Members

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilTime.CacheMetadata Method (NativeActivityMetadata)

The cache metadata.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void CacheMetadata(
        NativeActivityMetadata metadata
)
```

Visual Basic

```
Protected Overrides Sub CacheMetadata ( _
        metadata As NativeActivityMetadata _
)
```

Visual C++

```
protected:
virtual void CacheMetadata(
        NativeActivityMetadata metadata
) override
```

Parameters

metadata
Type: System.Activities.NativeActivityMetadata
The metadata.

See Also

DelayUntilTime Class
DelayUntilTime Members
CacheMetadata Overload
Microsoft.Activities.Extensions.Statements Namespace

DelayUntilTime.Execute Method

The execute.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void Execute(
        NativeActivityContext context
)
```

Visual Basic

```
Protected Overrides Sub Execute ( _
        context As NativeActivityContext _
)
```

Visual C++

```
protected:
virtual void Execute(
        NativeActivityContext^ context
) override
```

Parameters

context
Type: System.Activities.NativeActivityContext
The context.

See Also

DelayUntilTime Class

DelayUntilTime Members

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilTime Properties

The DelayUntilTime type exposes the following members.

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	CanInduceIdle	Gets a value indicating whether CanInduceIdle. (Overrides NativeActivity.CanInduceIdle.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	The execution logic of the activity. (Inherited from NativeActivity.)
	ImplementationVersion	(Inherited from NativeActivity.)
	OccurenceDays	Gets or sets OccurenceDays
	Time	Gets or sets the Time to wait until

See Also

DelayUntilTime Class

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilTime.CanInduceIdle Property

Gets a value indicating whether CanInduceIdle.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override bool CanInduceIdle { get; }
```

Visual Basic

```
Protected Overrides ReadOnly Property CanInduceIdle A
        Get
```

Visual C++

```
protected:
virtual property bool CanInduceIdle {
        bool get () override;
}
```

See Also

DelayUntilTime Class

DelayUntilTime Members

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilTime.OccurenceDays Property

Gets or sets OccurenceDays

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public List<DayOfWeek> OccurenceDays { get; set; }
```

Visual Basic

```
Public Property OccurenceDays As List(Of DayOfWeek)
        Get
        Set
```

Visual C++

```
public:
property List<DayOfWeek>^ OccurenceDays {
        List<DayOfWeek>^ get ();
        void set (List<DayOfWeek>^ value);
}
```

Remarks

The list of days where you want the event to occur

See Also

DelayUntilTime Class

DelayUntilTime Members

Microsoft.Activities.Extensions.Statements Namespace

DelayUntilTime.Time Property

Gets or sets the Time to wait until

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<TimeSpan> Time { get; set; }
```

Visual Basic

```
Public Property Time As InArgument(Of TimeSpan)
        Get
        Set
```

Visual C++

```
public:
property InArgument<TimeSpan>^ Time {
        InArgument<TimeSpan>^ get ();
        void set (InArgument<TimeSpan>^ value);
}
```

See Also

DelayUntilTime Class

DelayUntilTime Members

Microsoft.Activities.Extensions.Statements Namespace

GetFromDictionary(*TKey*, *TValue*) Class

The GetFromDictionary activity will add a key value pair to a dictionary.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public sealed class GetFromDictionary<TKey, TValue>
```

Visual Basic

```
Public NotInheritable Class GetFromDictionary(Of TKey
        Inherits CodeActivity(Of Boolean)
```

Visual C++

```
generic<typename TKey, typename TValue>
public ref class GetFromDictionary sealed : public C
```

Type Parameters

TKey
Type of the key
TValue
Type of the value

Inheritance Hierarchy

System.Object
  System.Activities.Activity
    System.Activities.ActivityWithResult
      System.Activities.Activity(Boolean)
        System.Activities.CodeActivity(Boolean)
          Microsoft.Activities.Extensions.Statements.GetFromDictionary(TKe
TValue)

See Also

GetFromDictionary(TKey, TValue) Members

Microsoft.Activities.Extensions.Statements Namespace

GetFromDictionary(*TKey*, *TValue*) Members

The GetFromDictionary(TKey, TValue) type exposes the following members.

Constructors

	Name	Description
	GetFromDictionary(TKey, TValue)	Initializes a new instance of the GetFromDictionary(TKey, TValue) class

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe (Inherited from CodeActivity(Bo
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio arguments, variables, child activi delegates. (Inherited from CodeActivity(Bo
	Equals	Determines whether the specified current Object. (Inherited from Object.)
	Execute	The execute. (Overrides CodeActivity(TResult).Execute((
	Finalize	Allows an Object to attempt to fr perform other cleanup operations reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity(Bo
	ShouldSerializeDisplayName	Indicates whether the DisplayNar serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the of the Activity. (Inherited from Activity.)

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	Dictionary	Gets or sets Dictionary.
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity(Boolean).)
	ImplementationVersion	(Inherited from CodeActivity(Boolean).)
	Key	Gets or sets Key.
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(Boolean).)
	ResultType	When implemented in a derived class, gets the type of an activity OutArgument. (Inherited from ActivityWithResult.)
	Value	Gets or sets Value.

See Also

GetFromDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

GetFromDictionary(*TKey*, *TValue*) Constructor

Initializes a new instance of the GetFromDictionary(TKey, TValue) class

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public GetFromDictionary()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
GetFromDictionary()
```

See Also

GetFromDictionary(TKey, TValue) Class
GetFromDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

GetFromDictionary(*TKey*, *TValue*) Methods

The GetFromDictionary(TKey, TValue) type exposes the following members.

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe (Inherited from CodeActivity(Bo
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio arguments, variables, child activi delegates. (Inherited from CodeActivity(Bo
	Equals	Determines whether the specified current Object. (Inherited from Object.)
	Execute	The execute. (Overrides CodeActivity(TResult).Execute((
	Finalize	Allows an Object to attempt to fr perform other cleanup operations reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity(Bo
	ShouldSerializeDisplayName	Indicates whether the DisplayNar serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the of the Activity. (Inherited from Activity.)

See Also

GetFromDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

GetFromDictionary(*TKey*, *TValue*).Execute Method

The execute.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override bool Execute(
        CodeActivityContext context
)
```

Visual Basic

```
Protected Overrides Function Execute ( _
        context As CodeActivityContext _
) As Boolean
```

Visual C++

```
protected:
virtual bool Execute(
        CodeActivityContext^ context
) override
```

Parameters

context
Type: System.Activities.CodeActivityContext
The context.

Return Value

True if the value was found, false if not

Exceptions

Exception	Condition
System.InvalidOperationException	Dictionary is null

See Also

GetFromDictionary(TKey, TValue) Class
GetFromDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

GetFromDictionary(*TKey*, *TValue*) Properties

The GetFromDictionary(TKey, TValue) type exposes the following members.

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	Dictionary	Gets or sets Dictionary.
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity(Boolean).)
	ImplementationVersion	(Inherited from CodeActivity(Boolean).)
	Key	Gets or sets Key.
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(Boolean).)
	ResultType	When implemented in a derived class, gets the type of an activity OutArgument. (Inherited from ActivityWithResult.)
	Value	Gets or sets Value.

See Also

GetFromDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

GetFromDictionary(*TKey*, *TValue*).Dictionary Property

Gets or sets Dictionary.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<IDictionary<TKey, TValue>> Dictiona
```

Visual Basic

```
Public Property Dictionary As InArgument(Of IDictiona
        Get
        Set
```

Visual C++

```
public:
property InArgument<IDictionary<TKey, TValue>^>^ Dic
        InArgument<IDictionary<TKey, TValue>^>^ get
        void set (InArgument<IDictionary<TKey, TValu
}
```

See Also

GetFromDictionary(TKey, TValue) Class
GetFromDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

GetFromDictionary(*TKey*, *TValue*).Key Property

Gets or sets Key.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<TKey> Key { get; set; }
```

Visual Basic

```
Public Property Key As InArgument(Of TKey)
        Get
        Set
```

Visual C++

```
public:
property InArgument<TKey>^ Key {
        InArgument<TKey>^ get ();
        void set (InArgument<TKey>^ value);
}
```

See Also

GetFromDictionary(TKey, TValue) Class
GetFromDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

GetFromDictionary(*TKey*, *TValue*).Value Property

Gets or sets Value.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public OutArgument<TValue> Value { get; set; }
```

Visual Basic

```
Public Property Value As OutArgument(Of TValue)
        Get
        Set
```

Visual C++

```
public:
property OutArgument<TValue>^ Value {
        OutArgument<TValue>^ get ();
        void set (OutArgument<TValue>^ value);
}
```

See Also

GetFromDictionary(TKey, TValue) Class
GetFromDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

GetInstanceId Class

Activity that returns the workflow instance ID

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public sealed class GetInstanceId : CodeActivity<Gui
```

Visual Basic

```
Public NotInheritable Class GetInstanceId _
        Inherits CodeActivity(Of Guid)
```

Visual C++

```
public ref class GetInstanceId sealed : public CodeA
```

Inheritance Hierarchy

System.Object
  System.Activities.Activity
    System.Activities.ActivityWithResult
      System.Activities.Activity(Guid)
        System.Activities.CodeActivity(Guid)
          Microsoft.Activities.Extensions.Statements.GetInstanceId

See Also

GetInstanceId Members

Microsoft.Activities.Extensions.Statements Namespace

GetInstanceId Members

The GetInstanceId type exposes the following members.

Constructors

	Name	Description
	GetInstanceId	Initializes a new instance of the GetInstanceId class

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe (Inherited from CodeActivity(Gu
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio arguments, variables, child activi delegates. (Inherited from CodeActivity(Gu
	Equals	Determines whether the specified current Object. (Inherited from Object.)
	Execute	Execute the activity (Overrides CodeActivity(TResult).Execute(
	Finalize	Allows an Object to attempt to fr perform other cleanup operations reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity(Gu
	ShouldSerializeDisplayName	Indicates whether the DisplayNar serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the of the Activity. (Inherited from Activity.)

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity(Guid).)
	ImplementationVersion	(Inherited from CodeActivity(Guid).)
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(Guid).)
	ResultType	When implemented in a derived class, gets the type of an activity OutArgument. (Inherited from ActivityWithResult.)

See Also

GetInstanceId Class

Microsoft.Activities.Extensions.Statements Namespace

GetInstanceId Constructor

Initializes a new instance of the GetInstanceId class

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public GetInstanceId()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
GetInstanceId()
```

See Also

GetInstanceId Class

GetInstanceId Members

Microsoft.Activities.Extensions.Statements Namespace

GetInstanceId Methods

The GetInstanceId type exposes the following members.

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe (Inherited from CodeActivity(Gu
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio arguments, variables, child activi delegates. (Inherited from CodeActivity(Gu
	Equals	Determines whether the specified current Object. (Inherited from Object.)
	Execute	Execute the activity (Overrides CodeActivity(TResult).Execute(
	Finalize	Allows an Object to attempt to fr perform other cleanup operations reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity(Gu
	ShouldSerializeDisplayName	Indicates whether the DisplayNar serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the of the Activity. (Inherited from Activity.)

See Also

GetInstanceId Class

Microsoft.Activities.Extensions.Statements Namespace

GetInstanceId.Execute Method

Execute the activity

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override Guid Execute(
        CodeActivityContext context
)
```

Visual Basic

```
Protected Overrides Function Execute ( _
        context As CodeActivityContext _
) As Guid
```

Visual C++

```
protected:
virtual Guid Execute(
        CodeActivityContext^ context
) override
```

Parameters

context
Type: System.Activities.CodeActivityContext
[Missing <param name="context"/> documentation for "M:Microsoft.Activities.Extensions.Statements.GetInstanceId.Execute(Sys

Return Value

The instance ID

See Also

GetInstanceId Class

GetInstanceId Members

Microsoft.Activities.Extensions.Statements Namespace

GetInstanceId Properties

The GetInstanceId type exposes the following members.

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity(Guid).)
	ImplementationVersion	(Inherited from CodeActivity(Guid).)
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(Guid).)
	ResultType	When implemented in a derived class, gets the type of an activity OutArgument. (Inherited from ActivityWithResult.)

See Also

GetInstanceId Class

Microsoft.Activities.Extensions.Statements Namespace

InvokeWorkflow Class

Activity that invokes another workflow using WorkflowInvoker

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public sealed class InvokeWorkflow : AsyncCodeActivi
```

Visual Basic

```
Public NotInheritable Class InvokeWorkflow _
        Inherits AsyncCodeActivity(Of IDictionary(Of
```

Visual C++

```
public ref class InvokeWorkflow sealed : public Asyn
```

Remarks

The other workflow is subject to the rules of WorkflowInvoker (no bookmarks). The activity will invoke the other workflow an wait for it to complete before returning. Persistence is not allowed while the other workflow is invoked

Inheritance Hierarchy

System.Object
  System.Activities.Activity
    System.Activities.ActivityWithResult
      System.Activities.Activity(IDictionary(String, Object))
        System.Activities.AsyncCodeActivity(IDictionary(String, Object))
          Microsoft.Activities.Extensions.Statements.InvokeWorkflow

See Also

InvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

InvokeWorkflow Members

The InvokeWorkflow type exposes the following members.

Constructors

	Name	Description
	InvokeWorkflow	Initializes a new instance of the InvokeWorkflow class

Methods

	Name	Description
	BeginExecute	The begin execute. (Overrides AsyncCodeActivity(TResult).Beg AsyncCallback, Object).)
	CacheMetadata(ActivityMetadata)	Throws an invalid operation exce is included in the assembly. (Inherited from AsyncCodeActiv
	CacheMetadata(CodeActivityMetadata)	Serves as a virtual method and co reflection on a cache into argume (Inherited from AsyncCodeActiv
	Cancel	When implemented in a derived c environment information, notifies asynchronous activity operation h as a virtual method. (Inherited from AsyncCodeActiv
	EndExecute	The end execute. (Overrides AsyncCodeActivity(TResult).End IAsyncResult).)
	Equals	Determines whether the specified (Inherited from Object.)
	Finalize	Allows an Object to attempt to fr operations before the Object is re (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from AsyncCodeActiv
	ShouldSerializeDisplayName	Indicates whether the DisplayNar

		(Inherited from Activity.)
	ToString	Returns a String that contains the (Inherited from Activity.)

Properties

	Name	Description
	Activity	Gets or sets Activity.
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Extensions	Gets or sets Extensions
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Gets null or throws an error when there is an attempt to set the value of this property. (Inherited from AsyncCodeActivity(IDictionary(String, Object)).)
	ImplementationVersion	(Inherited from AsyncCodeActivity(IDictionary(String, Object)).)
	Input	Gets or sets Input.
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(IDictionary(String, Object)).)
	ResultType	When implemented in a derived class, gets the type of an activity

		OutArgument. (Inherited from ActivityWithResult.)
	Timeout	Gets or sets Timeout.

See Also

InvokeWorkflow Class

Microsoft.Activities.Extensions.Statements Namespace

InvokeWorkflow Constructor

Initializes a new instance of the InvokeWorkflow class

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InvokeWorkflow()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
InvokeWorkflow()
```

See Also

InvokeWorkflow Class

InvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

InvokeWorkflow Methods

The InvokeWorkflow type exposes the following members.

Methods

	Name	Description
	BeginExecute	The begin execute. (Overrides AsyncCodeActivity(TResult).Beg AsyncCallback, Object).)
	CacheMetadata(ActivityMetadata)	Throws an invalid operation exce is included in the assembly. (Inherited from AsyncCodeActiv
	CacheMetadata(CodeActivityMetadata)	Serves as a virtual method and co reflection on a cache into argume (Inherited from AsyncCodeActiv
	Cancel	When implemented in a derived c environment information, notifies asynchronous activity operation h as a virtual method. (Inherited from AsyncCodeActiv
	EndExecute	The end execute. (Overrides AsyncCodeActivity(TResult).End IAsyncResult).)
	Equals	Determines whether the specified (Inherited from Object.)
	Finalize	Allows an Object to attempt to fr operations before the Object is re (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from AsyncCodeActiv
	ShouldSerializeDisplayName	Indicates whether the DisplayNar

		(Inherited from Activity.)
	ToString	Returns a String that contains the (Inherited from Activity.)

See Also

InvokeWorkflow Class

Microsoft.Activities.Extensions.Statements Namespace

InvokeWorkflow.BeginExecute Method

The begin execute.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override IAsyncResult BeginExecute(
        AsyncCodeActivityContext context,
        AsyncCallback callback,
        Object state
)
```

Visual Basic

```
Protected Overrides Function BeginExecute ( _
        context As AsyncCodeActivityContext, _
        callback As AsyncCallback, _
        state As Object _
) As IAsyncResult
```

Visual C++

```
protected:
virtual IAsyncResult^ BeginExecute(
        AsyncCodeActivityContext^ context,
        AsyncCallback^ callback,
        Object^ state
) override
```

Parameters

context
Type: System.Activities.AsyncCodeActivityContext
The context.

callback
Type: System.AsyncCallback
The callback.

state
Type: System.Object
The state.

Return Value

An async task

See Also

InvokeWorkflow Class

InvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

InvokeWorkflow.EndExecute Method

The end execute.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override IDictionary<string, Object> EndEx
        AsyncCodeActivityContext context,
        IAsyncResult asyncResult
)
```

Visual Basic

```
Protected Overrides Function EndExecute ( _
        context As AsyncCodeActivityContext, _
        asyncResult As IAsyncResult _
) As IDictionary(Of String, Object)
```

Visual C++

```
protected:
virtual IDictionary<String^, Object^>^ EndExecute(
        AsyncCodeActivityContext^ context,
        IAsyncResult^ asyncResult
) override
```

Parameters

context
Type: System.Activities.AsyncCodeActivityContext
The context.

asyncResult
Type: System.IAsyncResult
The result.

Return Value

The output arguments

See Also

InvokeWorkflow Class

InvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

InvokeWorkflow Properties

The InvokeWorkflow type exposes the following members.

Properties

	Name	Description
	Activity	Gets or sets Activity.
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Extensions	Gets or sets Extensions
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Gets null or throws an error when there is an attempt to set the value of this property. (Inherited from AsyncCodeActivity(IDictionary(String, Object)).)
	ImplementationVersion	(Inherited from AsyncCodeActivity(IDictionary(String, Object)).)
	Input	Gets or sets Input.
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(IDictionary(String, Object)).)
	ResultType	When implemented in a derived class, gets the type of an activity

		OutArgument. (Inherited from ActivityWithResult.)
	Timeout	Gets or sets Timeout.

See Also

InvokeWorkflow Class

Microsoft.Activities.Extensions.Statements Namespace

InvokeWorkflow.Activity Property

Gets or sets Activity.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<Activity> Activity { get; set; }
```

Visual Basic

```
Public Property Activity As InArgument(Of Activity)
        Get
        Set
```

Visual C++

```
public:
property InArgument<Activity^>^ Activity {
        InArgument<Activity^>^ get ();
        void set (InArgument<Activity^>^ value);
}
```

Remarks

The activity that will be invoked. Can be loaded from XAML.

See Also

InvokeWorkflow Class

InvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

InvokeWorkflow.Extensions Property

Gets or sets Extensions

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<IEnumerable<Object>> Extensions { g
```

Visual Basic

```
Public Property Extensions As InArgument(Of IEnumeral
        Get
        Set
```

Visual C++

```
public:
property InArgument<IEnumerable<Object^>^>^ Extensio
        InArgument<IEnumerable<Object^>^>^ get ();
        void set (InArgument<IEnumerable<Object^>^>^
}
```

Remarks

Use this property to pass extensions to the child workflow

See Also

InvokeWorkflow Class

InvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

InvokeWorkflow.Input Property

Gets or sets Input.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<IDictionary<string, Object>> Input
```

Visual Basic

```
Public Property Input As InArgument(Of IDictionary(O
        Get
        Set
```

Visual C++

```
public:
property InArgument<IDictionary<String^, Object^>^>^
        InArgument<IDictionary<String^, Object^>^>^ (
        void set (InArgument<IDictionary<String^, Ob
}
```

Remarks

The input arguments you want to pass to the other workflow

See Also

InvokeWorkflow Class

InvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

InvokeWorkflow.Timeout Property

Gets or sets Timeout.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<TimeSpan> Timeout { get; set; }
```

Visual Basic

```
Public Property Timeout As InArgument(Of TimeSpan)
        Get
        Set
```

Visual C++

```
public:
property InArgument<TimeSpan>^ Timeout {
        InArgument<TimeSpan>^ get ();
        void set (InArgument<TimeSpan>^ value);
}
```

See Also

InvokeWorkflow Class

InvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

KeyExistsInDictionary(*TKey*, *TValue*) Class

The KeyExistsInDictionary activity determines if a key exists in a dictionary

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public sealed class KeyExistsInDictionary<TKey, TVal
```

Visual Basic

```
Public NotInheritable Class KeyExistsInDictionary(Of
        Inherits CodeActivity(Of Boolean)
```

Visual C++

```
generic<typename TKey, typename TValue>
public ref class KeyExistsInDictionary sealed : publ
```

Type Parameters

TKey
Type of the key
TValue
Type of the value

Inheritance Hierarchy

System.Object
  System.Activities.Activity
    System.Activities.ActivityWithResult
      System.Activities.Activity(Boolean)
        System.Activities.CodeActivity(Boolean)
          Microsoft.Activities.Extensions.Statements.KeyExistsInDictionary(T TValue)

See Also

KeyExistsInDictionary(TKey, TValue) Members

Microsoft.Activities.Extensions.Statements Namespace

KeyExistsInDictionary(*TKey*, *TValue*) Members

The KeyExistsInDictionary(TKey, TValue) type exposes the following members.

Constructors

	Name	Description
	KeyExistsInDictionary(TKey, TValue)	Initializes a new instance of the KeyExistsInDictionary(TKey, TValue) class

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe (Inherited from CodeActivity(Bo
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio arguments, variables, child activi delegates. (Inherited from CodeActivity(Bo
	Equals	Determines whether the specified current Object. (Inherited from Object.)
	Execute	The execute. (Overrides CodeActivity(TResult).Execute((
	Finalize	Allows an Object to attempt to fr perform other cleanup operations reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity(Bo
	ShouldSerializeDisplayName	Indicates whether the DisplayNar serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the of the Activity. (Inherited from Activity.)

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	Dictionary	Gets or sets Dictionary.
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity(Boolean).)
	ImplementationVersion	(Inherited from CodeActivity(Boolean).)
	Key	Gets or sets Key.
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(Boolean).)
	ResultType	When implemented in a derived class, gets the type of an activity OutArgument. (Inherited from ActivityWithResult.)

See Also

KeyExistsInDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

KeyExistsInDictionary(*TKey*, *TValue*) Constructor

Initializes a new instance of the KeyExistsInDictionary(TKey, TValue) class

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public KeyExistsInDictionary()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
KeyExistsInDictionary()
```

See Also

KeyExistsInDictionary(TKey, TValue) Class
KeyExistsInDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

KeyExistsInDictionary(*TKey*, *TValue*) Methods

The KeyExistsInDictionary(TKey, TValue) type exposes the following members.

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe (Inherited from CodeActivity(Bo
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio arguments, variables, child activi delegates. (Inherited from CodeActivity(Bo
	Equals	Determines whether the specified current Object. (Inherited from Object.)
	Execute	The execute. (Overrides CodeActivity(TResult).Execute((
	Finalize	Allows an Object to attempt to fr perform other cleanup operations reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity(Bo
	ShouldSerializeDisplayName	Indicates whether the DisplayNar serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the of the Activity. (Inherited from Activity.)

See Also

KeyExistsInDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

KeyExistsInDictionary(*TKey*, *TValue*).Execute Method

The execute.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override bool Execute(
        CodeActivityContext context
)
```

Visual Basic

```
Protected Overrides Function Execute ( _
        context As CodeActivityContext _
) As Boolean
```

Visual C++

```
protected:
virtual bool Execute(
        CodeActivityContext^ context
) override
```

Parameters

context
Type: System.Activities.CodeActivityContext
The context.

Return Value

True if the key exists in the dictionary

Exceptions

Exception	Condition
System.InvalidOperationException	Dictionary is null

See Also

KeyExistsInDictionary(TKey, TValue) Class
KeyExistsInDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

KeyExistsInDictionary(*TKey*, *TValue*) Properties

The KeyExistsInDictionary(TKey, TValue) type exposes the following members.

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	Dictionary	Gets or sets Dictionary.
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity(Boolean).)
	ImplementationVersion	(Inherited from CodeActivity(Boolean).)
	Key	Gets or sets Key.
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(Boolean).)
	ResultType	When implemented in a derived class, gets the type of an activity OutArgument. (Inherited from ActivityWithResult.)

See Also

KeyExistsInDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

KeyExistsInDictionary(*TKey*, *TValue*).Dictionary Property

Gets or sets Dictionary.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<IDictionary<TKey, TValue>> Dictiona
```

Visual Basic

```
Public Property Dictionary As InArgument(Of IDictiona
        Get
        Set
```

Visual C++

```
public:
property InArgument<IDictionary<TKey, TValue>^>^ Dic
        InArgument<IDictionary<TKey, TValue>^>^ get
        void set (InArgument<IDictionary<TKey, TValu
}
```

See Also

KeyExistsInDictionary(TKey, TValue) Class
KeyExistsInDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

KeyExistsInDictionary(*TKey*, *TValue*).Key Property

Gets or sets Key.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<TKey> Key { get; set; }
```

Visual Basic

```
Public Property Key As InArgument(Of TKey)
        Get
        Set
```

Visual C++

```
public:
property InArgument<TKey>^ Key {
        InArgument<TKey>^ get ();
        void set (InArgument<TKey>^ value);
}
```

See Also

KeyExistsInDictionary(TKey, TValue) Class
KeyExistsInDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

LoadActivity Class

Loads a workflow definition from a XAML file

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public sealed class LoadActivity : CodeActivity<Acti
```

Visual Basic

```
Public NotInheritable Class LoadActivity _
        Inherits CodeActivity(Of Activity)
```

Visual C++

```
public ref class LoadActivity sealed : public CodeAc
```

Remarks

Use this activity to load XAML activities (not workflow services)

Inheritance Hierarchy

System.Object
  System.Activities.Activity
    System.Activities.ActivityWithResult
      System.Activities.Activity(Activity)
        System.Activities.CodeActivity(Activity)
          Microsoft.Activities.Extensions.Statements.LoadActivity

See Also

LoadActivity Members

Microsoft.Activities.Extensions.Statements Namespace

LoadActivity Members

The LoadActivity type exposes the following members.

Constructors

	Name	Description
	LoadActivity	Initializes a new instance of the LoadActivity class

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe (Inherited from CodeActivity(Ac
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio arguments, variables, child activi delegates. (Inherited from CodeActivity(Ac
	Equals	Determines whether the specified current Object. (Inherited from Object.)
	Execute	The execute method. (Overrides CodeActivity(TResult).Execute(
	Finalize	Allows an Object to attempt to fr perform other cleanup operations reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity(Ac
	ShouldSerializeDisplayName	Indicates whether the DisplayNa serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the of the Activity. (Inherited from Activity.)

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity(Activity).)
	ImplementationVersion	(Inherited from CodeActivity(Activity).)
	LocalAssembly	Gets or sets LocalAssembly.
	Path	Gets or sets Path.
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(Activity).)
	ResultType	When implemented in a derived class, gets the type of an activity OutArgument. (Inherited from ActivityWithResult.)

See Also

LoadActivity Class

Microsoft.Activities.Extensions.Statements Namespace

LoadActivity Constructor

Initializes a new instance of the LoadActivity class

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public LoadActivity()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
LoadActivity()
```

See Also

LoadActivity Class

LoadActivity Members

Microsoft.Activities.Extensions.Statements Namespace

LoadActivity Methods

The LoadActivity type exposes the following members.

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe (Inherited from CodeActivity(Ac
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio arguments, variables, child activi delegates. (Inherited from CodeActivity(Ac
	Equals	Determines whether the specified current Object. (Inherited from Object.)
	Execute	The execute method. (Overrides CodeActivity(TResult).Execute(
	Finalize	Allows an Object to attempt to fr perform other cleanup operations reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity(Ac
	ShouldSerializeDisplayName	Indicates whether the DisplayNa serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the of the Activity. (Inherited from Activity.)

See Also

LoadActivity Class

Microsoft.Activities.Extensions.Statements Namespace

LoadActivity.Execute Method

The execute method.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override Activity Execute(
        CodeActivityContext context
)
```

Visual Basic

```
Protected Overrides Function Execute ( _
        context As CodeActivityContext _
) As Activity
```

Visual C++

```
protected:
virtual Activity^ Execute(
        CodeActivityContext^ context
) override
```

Parameters

context
Type: System.Activities.CodeActivityContext
The context.

Return Value

An activity loaded from a file

See Also

LoadActivity Class

LoadActivity Members

Microsoft.Activities.Extensions.Statements Namespace

LoadActivity Properties

The LoadActivity type exposes the following members.

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity(Activity).)
	ImplementationVersion	(Inherited from CodeActivity(Activity).)
	LocalAssembly	Gets or sets LocalAssembly.
	Path	Gets or sets Path.
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(Activity).)
	ResultType	When implemented in a derived class, gets the type of an activity OutArgument. (Inherited from ActivityWithResult.)

See Also

LoadActivity Class

Microsoft.Activities.Extensions.Statements Namespace

LoadActivity.LocalAssembly Property

Gets or sets LocalAssembly.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<Assembly> LocalAssembly { get; set
```

Visual Basic

```
Public Property LocalAssembly As InArgument(Of Assembl
        Get
        Set
```

Visual C++

```
public:
property InArgument<Assembly^>^ LocalAssembly {
        InArgument<Assembly^>^ get ();
        void set (InArgument<Assembly^>^ value);
}
```

See Also

LoadActivity Class

LoadActivity Members

Microsoft.Activities.Extensions.Statements Namespace

LoadActivity.Path Property

Gets or sets Path.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<string> Path { get; set; }
```

Visual Basic

```
Public Property Path As InArgument(Of String)
        Get
        Set
```

Visual C++

```
public:
property InArgument<String^>^ Path {
        InArgument<String^>^ get ();
        void set (InArgument<String^>^ value);
}
```

See Also

LoadActivity Class

LoadActivity Members

Microsoft.Activities.Extensions.Statements Namespace

LoadAndInvokeWorkflow Class

The load and invoke workflow.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public sealed class LoadAndInvokeWorkflow : Activity
```

Visual Basic

```
Public NotInheritable Class LoadAndInvokeWorkflow _
        Inherits Activity(Of IDictionary(Of String, 
```

Visual C++

```
public ref class LoadAndInvokeWorkflow sealed : publ
```

Inheritance Hierarchy

System.Object
  System.Activities.Activity
    System.Activities.ActivityWithResult
      System.Activities.Activity(IDictionary(String, Object))
        Microsoft.Activities.Extensions.Statements.LoadAndInvokeWorkflow

See Also

LoadAndInvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

LoadAndInvokeWorkflow Members

The LoadAndInvokeWorkflow type exposes the following members.

Constructors

	Name	Description
	LoadAndInvokeWorkflow	Initializes a new instance of the LoadAndInvokeWorkflow class.

Methods

	Name	Description
	CacheMetadata	Creates and validates a description of the activity's arguments, variables, child activities, and activity delegates. (Inherited from Activity.)
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from Activity.)
	ShouldSerializeDisplayName	Indicates whether the DisplayName property should be serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the Id and DisplayName of the Activity. (Inherited from Activity.)

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Extensions	Gets or sets Extensions
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Gets or sets the delegate that returns an Activity that contains the execution logic. (Inherited from Activity.)
	ImplementationVersion	(Inherited from Activity.)
	Input	Gets or sets Input.
	LocalAssembly	Gets or sets LocalAssembly.
	Path	Gets or sets Path.
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(IDictionary(String, Object)).)
	ResultType	When implemented in a derived class, gets the type of an activity OutArgument. (Inherited from ActivityWithResult.)

	Timeout	Gets or sets Timeout.

See Also

LoadAndInvokeWorkflow Class

Microsoft.Activities.Extensions.Statements Namespace

LoadAndInvokeWorkflow Constructor

Initializes a new instance of the LoadAndInvokeWorkflow class.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public LoadAndInvokeWorkflow()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
LoadAndInvokeWorkflow()
```

See Also

LoadAndInvokeWorkflow Class

LoadAndInvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

LoadAndInvokeWorkflow Methods

The LoadAndInvokeWorkflow type exposes the following members.

Methods

	Name	Description
	CacheMetadata	Creates and validates a description of the activity's arguments, variables, child activities, and activity delegates. (Inherited from Activity.)
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from Activity.)
	ShouldSerializeDisplayName	Indicates whether the DisplayName property should be serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the Id and DisplayName of the Activity. (Inherited from Activity.)

See Also

LoadAndInvokeWorkflow Class

Microsoft.Activities.Extensions.Statements Namespace

LoadAndInvokeWorkflow Properties

The LoadAndInvokeWorkflow type exposes the following members.

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Extensions	Gets or sets Extensions
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Gets or sets the delegate that returns an Activity that contains the execution logic. (Inherited from Activity.)
	ImplementationVersion	(Inherited from Activity.)
	Input	Gets or sets Input.
	LocalAssembly	Gets or sets LocalAssembly.
	Path	Gets or sets Path.
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(IDictionary(String, Object)).)
	ResultType	When implemented in a derived class, gets the type of an activity OutArgument. (Inherited from ActivityWithResult.)

	Timeout	Gets or sets Timeout.

See Also

LoadAndInvokeWorkflow Class

Microsoft.Activities.Extensions.Statements Namespace

LoadAndInvokeWorkflow.Extensions Property

Gets or sets Extensions

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<IEnumerable<Object>> Extensions { g
```

Visual Basic

```
Public Property Extensions As InArgument(Of IEnumeral
        Get
        Set
```

Visual C++

```
public:
property InArgument<IEnumerable<Object^>^>^ Extensio
        InArgument<IEnumerable<Object^>^>^ get ();
        void set (InArgument<IEnumerable<Object^>^>^
}
```

Remarks

Use this property to pass extensions to the child workflow

See Also

LoadAndInvokeWorkflow Class

LoadAndInvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

LoadAndInvokeWorkflow.Input Property

Gets or sets Input.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<IDictionary<string, Object>> Input
```

Visual Basic

```
Public Property Input As InArgument(Of IDictionary(O
        Get
        Set
```

Visual C++

```
public:
property InArgument<IDictionary<String^, Object^>^>^
        InArgument<IDictionary<String^, Object^>^>^ (
        void set (InArgument<IDictionary<String^, Ob
}
```

Remarks

The input arguments you want to pass to the other workflow

See Also

LoadAndInvokeWorkflow Class

LoadAndInvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

LoadAndInvokeWorkflow.LocalAssembly Property

Gets or sets LocalAssembly.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<Assembly> LocalAssembly { get; set
```

Visual Basic

```
Public Property LocalAssembly As InArgument(Of Assembl
        Get
        Set
```

Visual C++

```
public:
property InArgument<Assembly^>^ LocalAssembly {
        InArgument<Assembly^>^ get ();
        void set (InArgument<Assembly^>^ value);
}
```

See Also

LoadAndInvokeWorkflow Class

LoadAndInvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

LoadAndInvokeWorkflow.Path Property

Gets or sets Path.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<string> Path { get; set; }
```

Visual Basic

```
Public Property Path As InArgument(Of String)
        Get
        Set
```

Visual C++

```
public:
property InArgument<String^>^ Path {
        InArgument<String^>^ get ();
        void set (InArgument<String^>^ value);
}
```

See Also

LoadAndInvokeWorkflow Class

LoadAndInvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

LoadAndInvokeWorkflow.Timeout Property

Gets or sets Timeout.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<TimeSpan> Timeout { get; set; }
```

Visual Basic

```
Public Property Timeout As InArgument(Of TimeSpan)
        Get
        Set
```

Visual C++

```
public:
property InArgument<TimeSpan>^ Timeout {
        InArgument<TimeSpan>^ get ();
        void set (InArgument<TimeSpan>^ value);
}
```

See Also

LoadAndInvokeWorkflow Class

LoadAndInvokeWorkflow Members

Microsoft.Activities.Extensions.Statements Namespace

LoadAssembly Class

Loads an assembly into the current AppDomain

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public sealed class LoadAssembly : NativeActivity
```

Visual Basic

```
Public NotInheritable Class LoadAssembly _
        Inherits NativeActivity
```

Visual C++

```
public ref class LoadAssembly sealed : public Native
```

Inheritance Hierarchy

System.Object
  System.Activities.Activity
    System.Activities.NativeActivity
      Microsoft.Activities.Extensions.Statements.LoadAssembly

See Also

LoadAssembly Members

Microsoft.Activities.Extensions.Statements Namespace

LoadAssembly Members

The LoadAssembly type exposes the following members.

Constructors

	Name	Description
	LoadAssembly	Initializes a new instance of the LoadAssembly class

Methods

	Name
	Abort
	CacheMetadata(ActivityMetadata)
	CacheMetadata(NativeActivityMetadata)
	Cancel
	Equals
	Execute
	Finalize
	GetHashCode
	GetType
	MemberwiseClone
	OnCreateDynamicUpdateMap(UpdateMapMetadata, Activity)
	OnCreateDynamicUpdateMap(NativeActivityUpdateMapMetadata, Activity)
	ShouldSerializeDisplayName

		s (
	ToString	] t (
	UpdateInstance	(

Properties

	Name	Description
	Assembly	Gets or sets Assembly.
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	CanInduceIdle	Gets or sets a value that indicates whether the activity can cause the workflow to become idle. (Inherited from NativeActivity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	The execution logic of the activity. (Inherited from NativeActivity.)
	ImplementationVersion	(Inherited from NativeActivity.)
	Path	Gets or sets Path to the assembly you want to load.

See Also

LoadAssembly Class

Microsoft.Activities.Extensions.Statements Namespace

LoadAssembly Constructor

Initializes a new instance of the LoadAssembly class

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public LoadAssembly()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
LoadAssembly()
```

See Also

LoadAssembly Class

LoadAssembly Members

Microsoft.Activities.Extensions.Statements Namespace

LoadAssembly Methods

The LoadAssembly type exposes the following members.

Methods

	Name
	Abort
	CacheMetadata(ActivityMetadata)
	CacheMetadata(NativeActivityMetadata)
	Cancel
	Equals
	Execute
	Finalize
	GetHashCode
	GetType
	MemberwiseClone
	OnCreateDynamicUpdateMap(UpdateMapMetadata, Activity)
	OnCreateDynamicUpdateMap(NativeActivityUpdateMapMetadata, Activity)
	ShouldSerializeDisplayName

		s (
	ToString	] t (
	UpdateInstance	(

See Also

LoadAssembly Class

Microsoft.Activities.Extensions.Statements Namespace

LoadAssembly.CacheMetadata Method

LoadAssembly Class See Also Send Feedback

Overload List

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use the CacheMetadata(NativeActivityM (Inherited from NativeActivity.)
	CacheMetadata(NativeActivityMetadata)	Caches metadata (Overrides NativeActivity.CacheMetadata(

See Also

LoadAssembly Class

LoadAssembly Members

Microsoft.Activities.Extensions.Statements Namespace

LoadAssembly.CacheMetadata Method (NativeActivityMetadata)

Caches metadata

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void CacheMetadata(
        NativeActivityMetadata metadata
)
```

Visual Basic

```
Protected Overrides Sub CacheMetadata ( _
        metadata As NativeActivityMetadata _
)
```

Visual C++

```
protected:
virtual void CacheMetadata(
        NativeActivityMetadata metadata
) override
```

Parameters

metadata
Type: System.Activities.NativeActivityMetadata
The metadata.

See Also

LoadAssembly Class

LoadAssembly Members

CacheMetadata Overload

Microsoft.Activities.Extensions.Statements Namespace

LoadAssembly.Execute Method

The execute method.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void Execute(
        NativeActivityContext context
)
```

Visual Basic

```
Protected Overrides Sub Execute ( _
        context As NativeActivityContext _
)
```

Visual C++

```
protected:
virtual void Execute(
        NativeActivityContext^ context
) override
```

Parameters

context
Type: System.Activities.NativeActivityContext
The context.

See Also

LoadAssembly Class

LoadAssembly Members

Microsoft.Activities.Extensions.Statements Namespace

LoadAssembly Properties

The LoadAssembly type exposes the following members.

Properties

	Name	Description
	Assembly	Gets or sets Assembly.
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	CanInduceIdle	Gets or sets a value that indicates whether the activity can cause the workflow to become idle. (Inherited from NativeActivity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	The execution logic of the activity. (Inherited from NativeActivity.)
	ImplementationVersion	(Inherited from NativeActivity.)
	Path	Gets or sets Path to the assembly you want to load.

See Also

LoadAssembly Class

Microsoft.Activities.Extensions.Statements Namespace

LoadAssembly.Assembly Property

Gets or sets Assembly.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public OutArgument<Assembly> Assembly { get; set; }
```

Visual Basic

```
Public Property Assembly As OutArgument(Of Assembly)
        Get
        Set
```

Visual C++

```
public:
property OutArgument<Assembly^>^ Assembly {
        OutArgument<Assembly^>^ get ();
        void set (OutArgument<Assembly^>^ value);
}
```

See Also

LoadAssembly Class

LoadAssembly Members

Microsoft.Activities.Extensions.Statements Namespace

LoadAssembly.Path Property

Gets or sets Path to the assembly you want to load.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<string> Path { get; set; }
```

Visual Basic

```
Public Property Path As InArgument(Of String)
        Get
        Set
```

Visual C++

```
public:
property InArgument<String^>^ Path {
        InArgument<String^>^ get ();
        void set (InArgument<String^>^ value);
}
```

See Also

LoadAssembly Class

LoadAssembly Members

Microsoft.Activities.Extensions.Statements Namespace

RemoveFromDictionary(*TKey*, *TValue*) Class

The RemoveFromDictionary activity will remove a key value pair to a dictionary.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public sealed class RemoveFromDictionary<TKey, TValu
```

Visual Basic

```
Public NotInheritable Class RemoveFromDictionary(Of
        Inherits CodeActivity(Of Boolean)
```

Visual C++

```
generic<typename TKey, typename TValue>
public ref class RemoveFromDictionary sealed : publi
```

Type Parameters

TKey
Type of the key
TValue
Type of the value

Inheritance Hierarchy

System.Object
  System.Activities.Activity
    System.Activities.ActivityWithResult
      System.Activities.Activity(Boolean)
        System.Activities.CodeActivity(Boolean)
          Microsoft.Activities.Extensions.Statements.RemoveFromDictionary(
TValue)

See Also

RemoveFromDictionary(TKey, TValue) Members

Microsoft.Activities.Extensions.Statements Namespace

RemoveFromDictionary(*TKey*, *TValue*) Members

The RemoveFromDictionary(TKey, TValue) type exposes the following members.

Constructors

	Name	Description
	RemoveFromDictionary(TKey, TValue)	Initializes a new instance of the RemoveFromDictionary(TKey, TValue) class

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe (Inherited from CodeActivity(Bo
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio arguments, variables, child activi delegates. (Inherited from CodeActivity(Bo
	Equals	Determines whether the specified current Object. (Inherited from Object.)
	Execute	The execute. (Overrides CodeActivity(TResult).Execute((
	Finalize	Allows an Object to attempt to fr perform other cleanup operations reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity(Bo
	ShouldSerializeDisplayName	Indicates whether the DisplayNar serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the of the Activity. (Inherited from Activity.)

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	Dictionary	Gets or sets Dictionary.
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity(Boolean).)
	ImplementationVersion	(Inherited from CodeActivity(Boolean).)
	Key	Gets or sets Key.
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(Boolean).)
	ResultType	When implemented in a derived class, gets the type of an activity OutArgument. (Inherited from ActivityWithResult.)

See Also

RemoveFromDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

RemoveFromDictionary(*TKey*, *TValue*) Constructor

Initializes a new instance of the RemoveFromDictionary(TKey, TValue) class

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public RemoveFromDictionary()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
RemoveFromDictionary()
```

See Also

RemoveFromDictionary(TKey, TValue) Class
RemoveFromDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

RemoveFromDictionary(*TKey*, *TValue*) Methods

The RemoveFromDictionary(TKey, TValue) type exposes the following members.

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe (Inherited from CodeActivity(Bo
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio arguments, variables, child activi delegates. (Inherited from CodeActivity(Bo
	Equals	Determines whether the specified current Object. (Inherited from Object.)
	Execute	The execute. (Overrides CodeActivity(TResult).Execute((
	Finalize	Allows an Object to attempt to fr perform other cleanup operations reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity(Bo
	ShouldSerializeDisplayName	Indicates whether the DisplayNar serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the of the Activity. (Inherited from Activity.)

See Also

RemoveFromDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

RemoveFromDictionary(*TKey*, *TValue*).Execute Method

The execute.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override bool Execute(
        CodeActivityContext context
)
```

Visual Basic

```
Protected Overrides Function Execute ( _
        context As CodeActivityContext _
) As Boolean
```

Visual C++

```
protected:
virtual bool Execute(
        CodeActivityContext^ context
) override
```

Parameters

context
Type: System.Activities.CodeActivityContext
The context.

Return Value

True if the key value pair was removed

Exceptions

Exception	Condition
System.InvalidOperationException	Dictionary is null

See Also

RemoveFromDictionary(TKey, TValue) Class
RemoveFromDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

RemoveFromDictionary(*TKey*, *TValue*) Properties

The RemoveFromDictionary(TKey, TValue) type exposes the following members.

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	Dictionary	Gets or sets Dictionary.
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity(Boolean).)
	ImplementationVersion	(Inherited from CodeActivity(Boolean).)
	Key	Gets or sets Key.
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(Boolean).)
	ResultType	When implemented in a derived class, gets the type of an activity OutArgument. (Inherited from ActivityWithResult.)

See Also

RemoveFromDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

RemoveFromDictionary(*TKey*, *TValue*).Dictionary Property

Gets or sets Dictionary.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<IDictionary<TKey, TValue>> Dictiona
```

Visual Basic

```
Public Property Dictionary As InArgument(Of IDictiona
        Get
        Set
```

Visual C++

```
public:
property InArgument<IDictionary<TKey, TValue>^>^ Dic
        InArgument<IDictionary<TKey, TValue>^>^ get
        void set (InArgument<IDictionary<TKey, TValu
}
```

See Also

RemoveFromDictionary(TKey, TValue) Class
RemoveFromDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

RemoveFromDictionary(*TKey*, *TValue*).Key Property

Gets or sets Key.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<TKey> Key { get; set; }
```

Visual Basic

```
Public Property Key As InArgument(Of TKey)
        Get
        Set
```

Visual C++

```
public:
property InArgument<TKey>^ Key {
        InArgument<TKey>^ get ();
        void set (InArgument<TKey>^ value);
}
```

See Also

RemoveFromDictionary(TKey, TValue) Class
RemoveFromDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

ValueExistsInDictionary(*TKey*, *TValue*) Class

The ValueExistsInDictionary activity determines if a value exists in a dictionary

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public sealed class ValueExistsInDictionary<TKey, TVa
```

Visual Basic

```
Public NotInheritable Class ValueExistsInDictionary(
        Inherits CodeActivity(Of Boolean)
```

Visual C++

```
generic<typename TKey, typename TValue>
public ref class ValueExistsInDictionary sealed : pul
```

Type Parameters

TKey
Type of the key
TValue
Type of the value

Inheritance Hierarchy

System.Object
  System.Activities.Activity
    System.Activities.ActivityWithResult
      System.Activities.Activity(Boolean)
        System.Activities.CodeActivity(Boolean)
          Microsoft.Activities.Extensions.Statements.ValueExistsInDictionary(TValue)

See Also

ValueExistsInDictionary(TKey, TValue) Members

Microsoft.Activities.Extensions.Statements Namespace

ValueExistsInDictionary(*TKey*, *TValue*) Members

The ValueExistsInDictionary(TKey, TValue) type exposes the following members.

Constructors

	Name	Description
	ValueExistsInDictionary(TKey, TValue)	Initializes a new instance of the ValueExistsInDictionary(TKey, TValue) class

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe (Inherited from CodeActivity(Bo
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio arguments, variables, child activi delegates. (Inherited from CodeActivity(Bo
	Equals	Determines whether the specified current Object. (Inherited from Object.)
	Execute	The execute. (Overrides CodeActivity(TResult).Execute((
	Finalize	Allows an Object to attempt to fr perform other cleanup operations reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity(Bo
	ShouldSerializeDisplayName	Indicates whether the DisplayNar serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the of the Activity. (Inherited from Activity.)

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	Dictionary	Gets or sets Dictionary.
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity(Boolean).)
	ImplementationVersion	(Inherited from CodeActivity(Boolean).)
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(Boolean).)
	ResultType	When implemented in a derived class, gets the type of an activity OutArgument. (Inherited from ActivityWithResult.)
	Value	Gets or sets Key.

See Also

ValueExistsInDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

ValueExistsInDictionary(*TKey*, *TValue*) Constructor

Initializes a new instance of the ValueExistsInDictionary(TKey, TValue) class

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public ValueExistsInDictionary()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
ValueExistsInDictionary()
```

See Also

ValueExistsInDictionary(TKey, TValue) Class
ValueExistsInDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

ValueExistsInDictionary(*TKey*, *TValue*) Methods

The ValueExistsInDictionary(TKey, TValue) type exposes the following members.

Methods

	Name	Description
	CacheMetadata(ActivityMetadata)	Not implemented. Use CacheMetadata(CodeActivityMe (Inherited from CodeActivity(Bo
	CacheMetadata(CodeActivityMetadata)	Creates and validates a descriptio arguments, variables, child activi delegates. (Inherited from CodeActivity(Bo
	Equals	Determines whether the specified current Object. (Inherited from Object.)
	Execute	The execute. (Overrides CodeActivity(TResult).Execute((
	Finalize	Allows an Object to attempt to fr perform other cleanup operations reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a pa (Inherited from Object.)
	GetType	Gets the Type of the current insta (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the cur (Inherited from Object.)
	OnCreateDynamicUpdateMap	(Inherited from CodeActivity(Bo
	ShouldSerializeDisplayName	Indicates whether the DisplayNar serialized. (Inherited from Activity.)
	ToString	Returns a String that contains the of the Activity. (Inherited from Activity.)

See Also

ValueExistsInDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

The execute.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override bool Execute(
        CodeActivityContext context
)
```

Visual Basic

```
Protected Overrides Function Execute ( _
        context As CodeActivityContext _
) As Boolean
```

Visual C++

```
protected:
virtual bool Execute(
        CodeActivityContext^ context
) override
```

Parameters

context
Type: System.Activities.CodeActivityContext
The context.

Return Value

True if the value exists in the dictionary

Exceptions

Exception	Condition
System.InvalidOperationException	Dictionary is null

See Also

ValueExistsInDictionary(TKey, TValue) Class
ValueExistsInDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

ValueExistsInDictionary(*TKey*, *TValue*) Properties

The ValueExistsInDictionary(TKey, TValue) type exposes the following members.

Properties

	Name	Description
	CacheId	Gets the identifier of the cache that is unique within the scope of the workflow definition. (Inherited from Activity.)
	Constraints	Gets a collection of Constraint activities that can be configured to provide validation for the Activity. (Inherited from Activity.)
	Dictionary	Gets or sets Dictionary.
	DisplayName	Gets or sets an optional friendly name that is used for debugging, validation, exception handling, and tracking. (Inherited from Activity.)
	Id	Gets an identifier that is unique in the scope of the workflow definition. (Inherited from Activity.)
	Implementation	Not supported. (Inherited from CodeActivity(Boolean).)
	ImplementationVersion	(Inherited from CodeActivity(Boolean).)
	Result	Gets or sets the result argument for the Activity(TResult). (Inherited from Activity(Boolean).)
	ResultType	When implemented in a derived class, gets the type of an activity OutArgument. (Inherited from ActivityWithResult.)
	Value	Gets or sets Key.

See Also

ValueExistsInDictionary(TKey, TValue) Class

Microsoft.Activities.Extensions.Statements Namespace

Gets or sets Dictionary.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<IDictionary<TKey, TValue>> Dictiona
```

Visual Basic

```
Public Property Dictionary As InArgument(Of IDictiona
        Get
        Set
```

Visual C++

```
public:
property InArgument<IDictionary<TKey, TValue>^>^ Dic
        InArgument<IDictionary<TKey, TValue>^>^ get
        void set (InArgument<IDictionary<TKey, TValu
}
```

See Also

ValueExistsInDictionary(TKey, TValue) Class
ValueExistsInDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

Gets or sets Key.

Namespace: Microsoft.Activities.Extensions.Statements
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public InArgument<TValue> Value { get; set; }
```

Visual Basic

```
Public Property Value As InArgument(Of TValue)
        Get
        Set
```

Visual C++

```
public:
property InArgument<TValue>^ Value {
        InArgument<TValue>^ get ();
        void set (InArgument<TValue>^ value);
}
```

See Also

ValueExistsInDictionary(TKey, TValue) Class
ValueExistsInDictionary(TKey, TValue) Members
Microsoft.Activities.Extensions.Statements Namespace

Microsoft.Activities.Extensions.Tracking Namespace

Send Feedback

Provides helper classes for tracking

Classes

	Class	Description
	ActivityScheduledRecordExtensions	Extension meth ActivitySchedu
	ActivityStateRecordExtensions	Extension meth CustomTrackin
	BookmarkResumptionRecordExtensions	Extension meth BookmarkResu
	CancelRequestedRecordExtensions	Extensions for t CancelRequeste
	Constants	Constants used
	CustomTrackingRecordExtensions	Extension meth CustomTrackin
	FaultPropagationRecordExtensions	Extensions for t FaultPropagatic
	FileTracker	A tracking parti a file using Asy
	ListExtensions	The list extensi
	ListTrackingParticipant	The memory tra
	ReceiveMessageRecordExtensions	Extensions to th ReceiveMessag
	SendMessageRecordExtensions	Extensions for t SendMessageR
	TrackingHelper	Helper methods
	TrackingRecordExtensions	The tracking re
	TypedTrackingParticipant	A tracking parti typed overloads
	WorkflowInstanceAbortedRecordExtensions	The workflow i record extensio
	WorkflowInstanceRecordExtensions	Extension meth WorkflowInstar
	WorkflowInstanceSuspendedRecordExtensions	The workflow i record extensio

	WorkflowInstanceTerminatedRecordExtensions	The workflow i record extensio
	WorkflowInstanceUnhandledExceptionRecordExtensions	The workflow i UnhandledExce extensions.
	XamlHelper	Helpers for deal XAMLX files

Interfaces

	Interface	Description
	ICustomTrackingTrace	Implement this interface to output a custom tracking trace

Enumerations

	Enumeration	Description
	TrackingOptions	Determines which elements of the tracking record will be included in the trace
	WorkflowInstanceRecordState	The workflow instance states.
	WorkflowXamlFileType	Types of XAML artifacts for Workflow

ActivityScheduledRecordExtensions Class

Extension methods for ActivityScheduledRecordExtensions

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class ActivityScheduledRecordExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class ActivityScheduledRecordEx
```

Visual C++

```
[ExtensionAttribute]
public ref class ActivityScheduledRecordExtensions al
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.Tracking.ActivityScheduledRecordExtens

See Also

ActivityScheduledRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

ActivityScheduledRecordExtensions Members

The ActivityScheduledRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

ActivityScheduledRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

ActivityScheduledRecordExtensions Methods

The ActivityScheduledRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

ActivityScheduledRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

ActivityScheduledRecordExtensions.ToFormattedString Method

Returns the record as a formatted string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToFormattedString(
        this ActivityScheduledRecord record,
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToFormattedString ( _
        record As ActivityScheduledRecord, _
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToFormattedString(
        ActivityScheduledRecord^ record,
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

record
Type: System.Activities.Tracking.ActivityScheduledRecord
The record to trace.

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

Return Value

The formatted tracking record

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type ActivityScheduledRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

ActivityScheduledRecordExtensions Class
ActivityScheduledRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

ActivityScheduledRecordExtensions.Trace Method

Provides a human readable trace

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this ActivityScheduledRecord record,
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        record As ActivityScheduledRecord, _
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        ActivityScheduledRecord^ record,
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

record
Type: System.Activities.Tracking.ActivityScheduledRecord
The record.

options (Optional)

Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

source (Optional)
Type: System.Diagnostics.TraceSource
The source.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type ActivityScheduledRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

ActivityScheduledRecordExtensions Class
ActivityScheduledRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

ActivityStateRecordExtensions Class

Extension methods for CustomTrackingRecordExtensions

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class ActivityStateRecordExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class ActivityStateRecordExtens
```

Visual C++

```
[ExtensionAttribute]
public ref class ActivityStateRecordExtensions abstra
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.Tracking.ActivityStateRecordExtensions

See Also

ActivityStateRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

ActivityStateRecordExtensions Members

The ActivityStateRecordExtensions type exposes the following members.

Methods

	Name	Description
	GetArgument(T)	Gets an argument
	GetInstanceState	Converts the string representation of the ActivityStateRecord.State member to an ActivityInstanceState
	GetVariable(T)	Gets a variable from the record
	IsClosed	Determines if the ActivityStateRecord was in a closed state
	IsExecuting	Determines if the ActivityStateRecord was in an Executing state
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

ActivityStateRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

ActivityStateRecordExtensions Methods

The ActivityStateRecordExtensions type exposes the following members.

Methods

	Name	Description
	GetArgument(T)	Gets an argument
	GetInstanceState	Converts the string representation of the ActivityStateRecord.State member to an ActivityInstanceState
	GetVariable(T)	Gets a variable from the record
	IsClosed	Determines if the ActivityStateRecord was in a closed state
	IsExecuting	Determines if the ActivityStateRecord was in an Executing state
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

ActivityStateRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

ActivityStateRecordExtensions.GetArgument(*T*) Method

Gets an argument

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static T GetArgument<T>(
        this ActivityStateRecord record,
        string name
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function GetArgument(Of T) ( _
        record As ActivityStateRecord, _
        name As String _
) As T
```

Visual C++

```
public:
[ExtensionAttribute]
generic<typename T>
static T GetArgument(
        ActivityStateRecord^ record,
        String^ name
)
```

Parameters

record
Type: System.Activities.Tracking.ActivityStateRecord
The record.

name
Type: System.String
The argument name.

Type Parameters

T
The type of the argument

Return Value

The argument

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type ActivityStateRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

Exceptions

Exception	Condition
System.ArgumentNullException	The record is null

See Also

ActivityStateRecordExtensions Class

ActivityStateRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

ActivityStateRecordExtensions.GetInstanceState Method

Converts the string representation of the ActivityStateRecord.State member to an ActivityInstanceState

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static ActivityInstanceState GetInstanceState
        this ActivityStateRecord record
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function GetInstanceState ( _
        record As ActivityStateRecord _
) As ActivityInstanceState
```

Visual C++

```
public:
[ExtensionAttribute]
static ActivityInstanceState GetInstanceState(
        ActivityStateRecord^ record
)
```

Parameters

record
Type: System.Activities.Tracking.ActivityStateRecord
The record.

Return Value

An ActivityInstanceState

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type ActivityStateRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

Exceptions

Exception	Condition
System.ArgumentOutOfRangeException	The string cannot be converted to the enum value

See Also

ActivityStateRecordExtensions Class

ActivityStateRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

ActivityStateRecordExtensions.GetVariable(*T*) Method

Gets a variable from the record

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static T GetVariable<T>(
        this ActivityStateRecord record,
        string name
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function GetVariable(Of T) ( _
        record As ActivityStateRecord, _
        name As String _
) As T
```

Visual C++

```
public:
[ExtensionAttribute]
generic<typename T>
static T GetVariable(
        ActivityStateRecord^ record,
        String^ name
)
```

Parameters

record
Type: System.Activities.Tracking.ActivityStateRecord
The record.

name
Type: System.String
The variable name.

Type Parameters

T
The type of the variable

Return Value

The variable

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type ActivityStateRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

ActivityStateRecordExtensions Class

ActivityStateRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

ActivityStateRecordExtensions.IsClosed Method

Determines if the ActivityStateRecord was in a closed state

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static bool IsClosed(
        this ActivityStateRecord record
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function IsClosed ( _
        record As ActivityStateRecord _
) As Boolean
```

Visual C++

```
public:
[ExtensionAttribute]
static bool IsClosed(
        ActivityStateRecord^ record
)
```

Parameters

record
Type: System.Activities.Tracking.ActivityStateRecord
The record.

Return Value

true if the activity was closed

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type ActivityStateRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

ActivityStateRecordExtensions Class

ActivityStateRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

ActivityStateRecordExtensions.IsExecuting Method

Determines if the ActivityStateRecord was in an Executing state

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static bool IsExecuting(
        this ActivityStateRecord record
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function IsExecuting ( _
        record As ActivityStateRecord _
) As Boolean
```

Visual C++

```
public:
[ExtensionAttribute]
static bool IsExecuting(
        ActivityStateRecord^ record
)
```

Parameters

record
Type: System.Activities.Tracking.ActivityStateRecord
The record.

Return Value

true if the activity was Executing

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type ActivityStateRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

ActivityStateRecordExtensions Class

ActivityStateRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

ActivityStateRecordExtensions.ToFormattedString Method

Returns the record as a formatted string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToFormattedString(
        this ActivityStateRecord record,
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToFormattedString ( _
        record As ActivityStateRecord, _
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToFormattedString(
        ActivityStateRecord^ record,
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

record
Type: System.Activities.Tracking.ActivityStateRecord
The record to trace.

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

Return Value

The formatted tracking record

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type ActivityStateRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

ActivityStateRecordExtensions Class

ActivityStateRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

ActivityStateRecordExtensions.Trace Method

Provides a human readable trace

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this ActivityStateRecord record,
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        record As ActivityStateRecord, _
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        ActivityStateRecord^ record,
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

record
Type: System.Activities.Tracking.ActivityStateRecord
The record.

options (Optional)

Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

source (Optional)
Type: System.Diagnostics.TraceSource
The source.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type ActivityStateRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

ActivityStateRecordExtensions Class

ActivityStateRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

BookmarkResumptionRecordExtensions Class

Extension methods for BookmarkResumptionRecord

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class BookmarkResumptionRecordExtensio
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class BookmarkResumptionRecordE
```

Visual C++

```
[ExtensionAttribute]
public ref class BookmarkResumptionRecordExtensions a
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.Tracking.BookmarkResumptionRecordE

See Also

BookmarkResumptionRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

BookmarkResumptionRecordExtensions Members

The BookmarkResumptionRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

BookmarkResumptionRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

BookmarkResumptionRecordExtensions Methods

The BookmarkResumptionRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

BookmarkResumptionRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

BookmarkResumptionRecordExtensions.ToFormattedString Method

Returns the record as a formatted string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToFormattedString(
        this BookmarkResumptionRecord record,
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToFormattedString ( _
        record As BookmarkResumptionRecord, _
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToFormattedString(
        BookmarkResumptionRecord^ record,
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

record
Type: System.Activities.Tracking.BookmarkResumptionRecord
The record to trace.

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

Return Value

The formatted tracking record

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type BookmarkResumptionRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

BookmarkResumptionRecordExtensions Class
BookmarkResumptionRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

BookmarkResumptionRecordExtensions.Trace Method

Provides a human readable trace

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this BookmarkResumptionRecord record,
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        record As BookmarkResumptionRecord, _
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        BookmarkResumptionRecord^ record,
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

record
Type: System.Activities.Tracking.BookmarkResumptionRecord
The record.

options (Optional)

Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

source (Optional)
Type: System.Diagnostics.TraceSource
The source.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type BookmarkResumptionRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

BookmarkResumptionRecordExtensions Class
BookmarkResumptionRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

CancelRequestedRecordExtensions Class

Extensions for the CancelRequestedRecord class

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class CancelRequestedRecordExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class CancelRequestedRecordExt
```

Visual C++

```
[ExtensionAttribute]
public ref class CancelRequestedRecordExtensions abs
```

Inheritance Hierarchy

System.Object

Microsoft.Activities.Extensions.Tracking.CancelRequestedRecordExtensi

See Also

CancelRequestedRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

CancelRequestedRecordExtensions Members

The CancelRequestedRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

CancelRequestedRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

CancelRequestedRecordExtensions Methods

The CancelRequestedRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

CancelRequestedRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

CancelRequestedRecordExtensions.ToFormattedString Method

Returns the record as a formatted string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToFormattedString(
        this CancelRequestedRecord record,
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToFormattedString ( _
        record As CancelRequestedRecord, _
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToFormattedString(
        CancelRequestedRecord^ record,
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

record
Type: System.Activities.Tracking.CancelRequestedRecord
The record to trace.

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

Return Value

The formatted tracking record

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type CancelRequestedRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

CancelRequestedRecordExtensions Class
CancelRequestedRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

CancelRequestedRecordExtensions.Trace Method

Provides a human readable trace

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this CancelRequestedRecord record,
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        record As CancelRequestedRecord, _
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        CancelRequestedRecord^ record,
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

record
Type: System.Activities.Tracking.CancelRequestedRecord
The record.

options (Optional)

Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

source (Optional)
Type: System.Diagnostics.TraceSource
The source.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type CancelRequestedRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

CancelRequestedRecordExtensions Class
CancelRequestedRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

Constants Class

Constants used with Workflow

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class Constants
```

Visual Basic

```
Public NotInheritable Class Constants
```

Visual C++

```
public ref class Constants abstract sealed
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.Tracking.Constants

See Also

Constants Members

Microsoft.Activities.Extensions.Tracking Namespace

Constants Members

The Constants type exposes the following members.

Fields

	Name	Description
	XamlExt	XAML Extension
	XamlxExt	XAMLX Extension

See Also

Constants Class

Microsoft.Activities.Extensions.Tracking Namespace

Constants Fields

The Constants type exposes the following members.

Fields

	Name	Description
	XamlExt	XAML Extension
	XamlxExt	XAMLX Extension

See Also

Constants Class

Microsoft.Activities.Extensions.Tracking Namespace

Constants.XamlExt Field

XAML Extension

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public const string XamlExt
```

Visual Basic

```
Public Const XamlExt As String
```

Visual C++

```
public:
literal String^ XamlExt
```

See Also

Constants Class

Constants Members

Microsoft.Activities.Extensions.Tracking Namespace

Constants.XamlxExt Field

XAMLX Extension

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public const string XamlxExt
```

Visual Basic

```
Public Const XamlxExt As String
```

Visual C++

```
public:
literal String^ XamlxExt
```

See Also

Constants Class

Constants Members

Microsoft.Activities.Extensions.Tracking Namespace

CustomTrackingRecordExtensions Class

Extension methods for CustomTrackingRecordExtensions

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class CustomTrackingRecordExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class CustomTrackingRecordExte
```

Visual C++

```
[ExtensionAttribute]
public ref class CustomTrackingRecordExtensions abst
```

Inheritance Hierarchy

System.Object

Microsoft.Activities.Extensions.Tracking.CustomTrackingRecordExtensi

See Also

CustomTrackingRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

CustomTrackingRecordExtensions Members

The CustomTrackingRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

CustomTrackingRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

CustomTrackingRecordExtensions Methods

The CustomTrackingRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

CustomTrackingRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

CustomTrackingRecordExtensions.ToFormattedString Method

Returns the record as a formatted string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToFormattedString(
        this CustomTrackingRecord record,
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToFormattedString ( _
        record As CustomTrackingRecord, _
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToFormattedString(
        CustomTrackingRecord^ record,
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

record
Type: System.Activities.Tracking.CustomTrackingRecord
The record to trace.

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

Return Value

The formatted tracking record

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type CustomTrackingRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

CustomTrackingRecordExtensions Class
CustomTrackingRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

CustomTrackingRecordExtensions.Trace Method

Provides a human readable trace

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this CustomTrackingRecord record,
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        record As CustomTrackingRecord, _
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        CustomTrackingRecord^ record,
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

record
Type: System.Activities.Tracking.CustomTrackingRecord
The record.

options (Optional)

Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

source (Optional)
Type: System.Diagnostics.TraceSource
The source.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type CustomTrackingRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

CustomTrackingRecordExtensions Class
CustomTrackingRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

FaultPropagationRecordExtensions Class

Members See Also Send Feedback

Extensions for the FaultPropagationRecord class

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class FaultPropagationRecordExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class FaultPropagationRecordEx
```

Visual C++

```
[ExtensionAttribute]
public ref class FaultPropagationRecordExtensions abs
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.Tracking.FaultPropagationRecordExtens

See Also

FaultPropagationRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

FaultPropagationRecordExtensions Members

The FaultPropagationRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides tracing for a FaultPropagation record

See Also

FaultPropagationRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

FaultPropagationRecordExtensions Methods

The FaultPropagationRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides tracing for a FaultPropagation record

See Also

FaultPropagationRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

FaultPropagationRecordExtensions.ToFormattedString Method

Returns the record as a formatted string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToFormattedString(
        this FaultPropagationRecord record,
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToFormattedString ( _
        record As FaultPropagationRecord, _
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToFormattedString(
        FaultPropagationRecord^ record,
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

record
Type: System.Activities.Tracking.FaultPropagationRecord
The record to trace.

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

Return Value

The formatted tracking record

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type FaultPropagationRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

FaultPropagationRecordExtensions Class
FaultPropagationRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

FaultPropagationRecordExtensions.Trace Method

Provides tracing for a FaultPropagation record

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this FaultPropagationRecord record,
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        record As FaultPropagationRecord, _
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        FaultPropagationRecord^ record,
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

record
Type: System.Activities.Tracking.FaultPropagationRecord
The record.

options (Optional)

Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

source (Optional)
Type: System.Diagnostics.TraceSource
The source.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type FaultPropagationRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

FaultPropagationRecordExtensions Class
FaultPropagationRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

FileTracker Class

A tracking participant that writes to a file using Async I/O

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public sealed class FileTracker : TrackingParticipant
        IDisposable
```

Visual Basic

```
Public NotInheritable Class FileTracker _
        Inherits TrackingParticipant _
        Implements IDisposable
```

Visual C++

```
public ref class FileTracker sealed : public Tracking
        IDisposable
```

Inheritance Hierarchy

System.Object
  System.Activities.Tracking.TrackingParticipant
    Microsoft.Activities.Extensions.Tracking.FileTracker

See Also

FileTracker Members

Microsoft.Activities.Extensions.Tracking Namespace

FileTracker Members

The FileTracker type exposes the following members.

Constructors

	Name	Description
	FileTracker(String)	Initializes a new instance of the FileTracker class.
	FileTracker(String, Encoding)	Initializes a new instance of the FileTracker class.

Methods

	Name	Description
	BeginTrack	When implemented in a derived class, used to synchronously process the tracking record. (Overrides TrackingParticipant.BeginTrack(TrackingRecord, TimeSpan, AsyncCallback, Object).)
	Dispose	Performs application-defined tasks associated with freeing, releasing, or resetting unmanaged resources.
	EndTrack	When implemented in a derived class, represents the end of an asynchronous tracking operation. (Overrides TrackingParticipant.EndTrack(IAsyncResult).)
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)
	Track	When implemented in a derived class, used to synchronously process the tracking record. (Overrides TrackingParticipant.Track(TrackingRecord, TimeSpan).)

Properties

	Name	Description
	TrackingProfile	The tracking profile object used by the tracking participant. Before adding the tracking participant to the workflow extensions, the tracking profile is set on the participant. (Inherited from TrackingParticipant.)

See Also

FileTracker Class

Microsoft.Activities.Extensions.Tracking Namespace

FileTracker Constructor

FileTracker Class See Also Send Feedback

Overload List

	Name	Description
	FileTracker(String)	Initializes a new instance of the FileTracker class.
	FileTracker(String, Encoding)	Initializes a new instance of the FileTracker class.

See Also

FileTracker Class

FileTracker Members

Microsoft.Activities.Extensions.Tracking Namespace

FileTracker Constructor (String)

Initializes a new instance of the FileTracker class.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public FileTracker(
        string path
)
```

Visual Basic

```
Public Sub New ( _
        path As String _
)
```

Visual C++

```
public:
FileTracker(
        String^ path
)
```

Parameters

path
Type: System.String
The file name.

See Also

FileTracker Class
FileTracker Members
FileTracker Overload
Microsoft.Activities.Extensions.Tracking Namespace

FileTracker Constructor (String, Encoding)

Initializes a new instance of the FileTracker class.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public FileTracker(
        string path,
        Encoding encoding
)
```

Visual Basic

```
Public Sub New ( _
        path As String, _
        encoding As Encoding _
)
```

Visual C++

```
public:
FileTracker(
        String^ path,
        Encoding^ encoding
)
```

Parameters

path
Type: System.String
The path.

encoding
Type: System.Text.Encoding
The encoding.

See Also

FileTracker Class
FileTracker Members
FileTracker Overload
Microsoft.Activities.Extensions.Tracking Namespace

FileTracker Methods

The FileTracker type exposes the following members.

Methods

	Name	Description
	BeginTrack	When implemented in a derived class, used to synchronously process the tracking record. (Overrides TrackingParticipant.BeginTrack(TrackingRecord, TimeSpan, AsyncCallback, Object).)
	Dispose	Performs application-defined tasks associated with freeing, releasing, or resetting unmanaged resources.
	EndTrack	When implemented in a derived class, represents the end of an asynchronous tracking operation. (Overrides TrackingParticipant.EndTrack(IAsyncResult).)
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)
	Track	When implemented in a derived class, used to synchronously process the tracking record. (Overrides TrackingParticipant.Track(TrackingRecord, TimeSpan).)

See Also

FileTracker Class

Microsoft.Activities.Extensions.Tracking Namespace

FileTracker.BeginTrack Method

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override IAsyncResult BeginTrack(
        TrackingRecord record,
        TimeSpan timeout,
        AsyncCallback callback,
        Object state
)
```

Visual Basic

```
Protected Overrides Function BeginTrack ( _
        record As TrackingRecord, _
        timeout As TimeSpan, _
        callback As AsyncCallback, _
        state As Object _
) As IAsyncResult
```

Visual C++

```
protected:
virtual IAsyncResult^ BeginTrack(
        TrackingRecord^ record,
        TimeSpan timeout,
        AsyncCallback^ callback,
        Object^ state
) override
```

Parameters

record
Type: System.Activities.Tracking.TrackingRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

callback
Type: System.AsyncCallback
The callback.

state
Type: System.Object
The state.

Return Value

The async result.

See Also

FileTracker Class

FileTracker Members

Microsoft.Activities.Extensions.Tracking Namespace

FileTracker.Dispose Method

Performs application-defined tasks associated with freeing, releasing, or resetting unmanaged resources.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public void Dispose()
```

Visual Basic

```
Public Sub Dispose
```

Visual C++

```
public:
virtual void Dispose() sealed
```

Implements

IDisposable.Dispose()

See Also

FileTracker Class

FileTracker Members

Microsoft.Activities.Extensions.Tracking Namespace

FileTracker.EndTrack Method

When implemented in a derived class, represents the end of an asynchronous tracking operation.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void EndTrack(
        IAsyncResult result
)
```

Visual Basic

```
Protected Overrides Sub EndTrack ( _
        result As IAsyncResult _
)
```

Visual C++

```
protected:
virtual void EndTrack(
        IAsyncResult^ result
) override
```

Parameters

result
Type: System.IAsyncResult
The status of the operation.

See Also

FileTracker Class

FileTracker Members

Microsoft.Activities.Extensions.Tracking Namespace

FileTracker.Track Method

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void Track(
        TrackingRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overrides Sub Track ( _
        record As TrackingRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        TrackingRecord^ record,
        TimeSpan timeout
) override
```

Parameters

record
Type: System.Activities.Tracking.TrackingRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

FileTracker Class

FileTracker Members

Microsoft.Activities.Extensions.Tracking Namespace

FileTracker Properties

The FileTracker type exposes the following members.

Properties

	Name	Description
	TrackingProfile	The tracking profile object used by the tracking participant. Before adding the tracking participant to the workflow extensions, the tracking profile is set on the participant. (Inherited from TrackingParticipant.)

See Also

FileTracker Class

Microsoft.Activities.Extensions.Tracking Namespace

ICustomTrackingTrace Interface

Implement this interface to output a custom tracking trace

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public interface ICustomTrackingTrace
```

Visual Basic

```
Public Interface ICustomTrackingTrace
```

Visual C++

```
public interface class ICustomTrackingTrace
```

See Also

ICustomTrackingTrace Members

Microsoft.Activities.Extensions.Tracking Namespace

ICustomTrackingTrace Members

The ICustomTrackingTrace type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns a formatted string
	Trace	Trace your tracking record

See Also

ICustomTrackingTrace Interface

Microsoft.Activities.Extensions.Tracking Namespace

ICustomTrackingTrace Methods

The ICustomTrackingTrace type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns a formatted string
	Trace	Trace your tracking record

See Also

ICustomTrackingTrace Interface

Microsoft.Activities.Extensions.Tracking Namespace

ICustomTrackingTrace.ToFormattedString Method

Returns a formatted string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
string ToFormattedString(
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
Function ToFormattedString ( _
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
String^ ToFormattedString(
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options

Return Value

The formatted string

See Also

ICustomTrackingTrace Interface

ICustomTrackingTrace Members

Microsoft.Activities.Extensions.Tracking Namespace

ICustomTrackingTrace.Trace Method

Trace your tracking record

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
void Trace(
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
Sub Trace ( _
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
void Trace(
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options

source (Optional)
Type: System.Diagnostics.TraceSource
The trace source

See Also

ICustomTrackingTrace Interface

ICustomTrackingTrace Members

Microsoft.Activities.Extensions.Tracking Namespace

ListExtensions Class

The list extensions.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class ListExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class ListExtensions
```

Visual C++

```
[ExtensionAttribute]
public ref class ListExtensions abstract sealed
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.Tracking.ListExtensions

See Also

ListExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

ListExtensions Members

The ListExtensions type exposes the following members.

Methods

	Name	Description
	ToDelimitedList(IEnumerable(ActivityStateRecord))	Converts a list of ActivityStateReco a comma delimited string with activity names
	ToDelimitedList(T)(IEnumerable(T))	Converts a list of objects to a comma delimited string
	ToDelimitedStateList	Converts a list of CustomTrackingR to a comma delimi string with activity names

See Also

ListExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

ListExtensions Methods

The ListExtensions type exposes the following members.

Methods

	Name	Description
	ToDelimitedList(IEnumerable(ActivityStateRecord))	Converts a list of ActivityStateReco a comma delimited string with activity names
	ToDelimitedList(T)(IEnumerable(T))	Converts a list of objects to a comma delimited string
	ToDelimitedStateList	Converts a list of CustomTrackingR to a comma delimi string with activity names

See Also

ListExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

ListExtensions.ToDelimitedList Method

ListExtensions Class See Also Send Feedback

Overload List

	Name	Description
	ToDelimitedList(IEnumerable(ActivityStateRecord))	Converts a list of ActivityStateReco to a comma delimited string wi activity names
	ToDelimitedList(T)(IEnumerable(T))	Converts a list of objects to a comma delimited string

See Also

ListExtensions Class

ListExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

ListExtensions.ToDelimitedList Method (IEnumerable(ActivityStateRecord))

Converts a list of ActivityStateRecords to a comma delimited string with activity names

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToDelimitedList(
        this IEnumerable<ActivityStateRecord> records
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToDelimitedList ( _
        records As IEnumerable(Of ActivityStateRecord
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToDelimitedList(
        IEnumerable<ActivityStateRecord^>^ records
)
```

Parameters

records
Type: System.Collections.Generic.IEnumerable(ActivityStateRecord)
The records.

Return Value

The delimited list.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type IEnumerable(ActivityStateRecord). When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

ListExtensions Class

ListExtensions Members

ToDelimitedList Overload

Microsoft.Activities.Extensions.Tracking Namespace

ListExtensions.ToDelimitedList(*T*) Method (IEnumerable(*T*))

Converts a list of objects to a comma delimited string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToDelimitedList<T>(
        this IEnumerable<T> objects
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToDelimitedList(Of T) ( _
        objects As IEnumerable(Of T) _
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
generic<typename T>
static String^ ToDelimitedList(
        IEnumerable<T>^ objects
)
```

Parameters

objects
Type: System.Collections.Generic.IEnumerable(**T**)
The records.

Type Parameters

T
The type

Return Value

The delimited list.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type IEnumerable(**T**). When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

ListExtensions Class

ListExtensions Members

ToDelimitedList Overload

Microsoft.Activities.Extensions.Tracking Namespace

ListExtensions.ToDelimitedStateList Method

Converts a list of CustomTrackingRecord to a comma delimited string with activity names

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToDelimitedStateList(
        this IEnumerable<CustomTrackingRecord> record
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToDelimitedStateList ( _
        records As IEnumerable(Of CustomTrackingReco
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToDelimitedStateList(
        IEnumerable<CustomTrackingRecord^>^ records
)
```

Parameters

records
Type: System.Collections.Generic.IEnumerable(CustomTrackingRecord)
The records.

Return Value

The delimited list.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type IEnumerable(CustomTrackingRecord). When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

ListExtensions Class

ListExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

ListTrackingParticipant Class

The memory tracking participant.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class ListTrackingParticipant : TrackingParti
```

Visual Basic

```
Public Class ListTrackingParticipant _
        Inherits TrackingParticipant
```

Visual C++

```
public ref class ListTrackingParticipant : public Tra
```

Inheritance Hierarchy

System.Object
  System.Activities.Tracking.TrackingParticipant
    Microsoft.Activities.Extensions.Tracking.ListTrackingParticipant

See Also

ListTrackingParticipant Members

Microsoft.Activities.Extensions.Tracking Namespace

ListTrackingParticipant Members

The ListTrackingParticipant type exposes the following members.

Constructors

	Name	Description
	ListTrackingParticipant	Initializes a new instance of the ListTrackingParticipant class

Methods

	Name	Description
	BeginTrack	When implemented in a derived class, begins asynchronous processing of the tracking record. (Inherited from TrackingParticipant.)
	EndTrack	When implemented in a derived class, represents the end of an asynchronous tracking operation. (Inherited from TrackingParticipant.)
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)
	Track	Stores a tracking record. (Overrides TrackingParticipant.Track(TrackingRecord, TimeSpan).)

Properties

	Name	Description
	Records	Gets Records.
	TrackingProfile	The tracking profile object used by the tracking participant. Before adding the tracking participant to the workflow extensions, the tracking profile is set on the participant. (Inherited from TrackingParticipant.)

See Also

ListTrackingParticipant Class

Microsoft.Activities.Extensions.Tracking Namespace

ListTrackingParticipant Constructor

Initializes a new instance of the ListTrackingParticipant class

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public ListTrackingParticipant()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
ListTrackingParticipant()
```

See Also

ListTrackingParticipant Class
ListTrackingParticipant Members
Microsoft.Activities.Extensions.Tracking Namespace

ListTrackingParticipant Methods

The ListTrackingParticipant type exposes the following members.

Methods

	Name	Description
	BeginTrack	When implemented in a derived class, begins asynchronous processing of the tracking record. (Inherited from TrackingParticipant.)
	EndTrack	When implemented in a derived class, represents the end of an asynchronous tracking operation. (Inherited from TrackingParticipant.)
	Equals	Determines whether the specified Object is equal to the current Object. (Inherited from Object.)
	Finalize	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection. (Inherited from Object.)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object.)
	GetType	Gets the Type of the current instance. (Inherited from Object.)
	MemberwiseClone	Creates a shallow copy of the current Object. (Inherited from Object.)
	ToString	Returns a String that represents the current Object. (Inherited from Object.)
	Track	Stores a tracking record. (Overrides TrackingParticipant.Track(TrackingRecord, TimeSpan).)

See Also

ListTrackingParticipant Class

Microsoft.Activities.Extensions.Tracking Namespace

ListTrackingParticipant.Track Method

Stores a tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void Track(
        TrackingRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overrides Sub Track ( _
        record As TrackingRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        TrackingRecord^ record,
        TimeSpan timeout
) override
```

Parameters

record
Type: System.Activities.Tracking.TrackingRecord
The record.

timeout
Type: System.TimeSpan
The timeout.

See Also

ListTrackingParticipant Class
ListTrackingParticipant Members
Microsoft.Activities.Extensions.Tracking Namespace

ListTrackingParticipant Properties

The ListTrackingParticipant type exposes the following members.

Properties

	Name	Description
	Records	Gets Records.
	TrackingProfile	The tracking profile object used by the tracking participant. Before adding the tracking participant to the workflow extensions, the tracking profile is set on the participant. (Inherited from TrackingParticipant.)

See Also

ListTrackingParticipant Class

Microsoft.Activities.Extensions.Tracking Namespace

ListTrackingParticipant.Records Property

Gets Records.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public SynchronizedReadOnlyCollection<TrackingRecord
```

Visual Basic

```
Public ReadOnly Property Records As SynchronizedRead
        Get
```

Visual C++

```
public:
property SynchronizedReadOnlyCollection<TrackingReco
        SynchronizedReadOnlyCollection<TrackingRecor
}
```

See Also

ListTrackingParticipant Class
ListTrackingParticipant Members
Microsoft.Activities.Extensions.Tracking Namespace

ReceiveMessageRecordExtensions Class

Extensions to the ReceiveMessageRecord class

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class ReceiveMessageRecordExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class ReceiveMessageRecordExte
```

Visual C++

```
[ExtensionAttribute]
public ref class ReceiveMessageRecordExtensions abst
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.Tracking.ReceiveMessageRecordExtensio

See Also

ReceiveMessageRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

ReceiveMessageRecordExtensions Members

The ReceiveMessageRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

ReceiveMessageRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

ReceiveMessageRecordExtensions Methods

The ReceiveMessageRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

ReceiveMessageRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

ReceiveMessageRecordExtensions.ToFormattedString Method

Returns the record as a formatted string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToFormattedString(
        this ReceiveMessageRecord record,
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToFormattedString ( _
        record As ReceiveMessageRecord, _
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToFormattedString(
        ReceiveMessageRecord^ record,
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

record
Type: System.ServiceModel.Activities.Tracking.ReceiveMessageRecord
The record to trace.

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

Return Value

The formatted tracking record

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type ReceiveMessageRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

ReceiveMessageRecordExtensions Class
ReceiveMessageRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

ReceiveMessageRecordExtensions.Trace Method

Provides a human readable trace

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this ReceiveMessageRecord record,
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        record As ReceiveMessageRecord, _
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        ReceiveMessageRecord^ record,
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

record
Type: System.ServiceModel.Activities.Tracking.ReceiveMessageRecord
The record.

options (Optional)

Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingRecordExtensions.Options value

source (Optional)
Type: System.Diagnostics.TraceSource
The source.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type ReceiveMessageRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

ReceiveMessageRecordExtensions Class
ReceiveMessageRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

SendMessageRecordExtensions Class

Extensions for the SendMessageRecord type

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class SendMessageRecordExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class SendMessageRecordExtensi
```

Visual C++

```
[ExtensionAttribute]
public ref class SendMessageRecordExtensions abstrac
```

Inheritance Hierarchy

System.Object

Microsoft.Activities.Extensions.Tracking.SendMessageRecordExtensions

See Also

SendMessageRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

SendMessageRecordExtensions Members

The SendMessageRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

SendMessageRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

SendMessageRecordExtensions Methods

The SendMessageRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

SendMessageRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

SendMessageRecordExtensions.ToFormattedString Method

Returns the record as a formatted string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToFormattedString(
        this SendMessageRecord record,
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToFormattedString ( _
        record As SendMessageRecord, _
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToFormattedString(
        SendMessageRecord^ record,
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

record
Type: System.ServiceModel.Activities.Tracking.SendMessageRecord
The record to trace.

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

Return Value

The formatted tracking record

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type SendMessageRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

SendMessageRecordExtensions Class
SendMessageRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

SendMessageRecordExtensions.Trace Method

Provides a human readable trace

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this SendMessageRecord record,
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        record As SendMessageRecord, _
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        SendMessageRecord^ record,
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

record
Type: System.ServiceModel.Activities.Tracking.SendMessageRecord
The record.

options (Optional)

Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingRecordExtensions.Options value

source (Optional)
Type: System.Diagnostics.TraceSource
The source.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type SendMessageRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

SendMessageRecordExtensions Class
SendMessageRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

TrackingHelper Class

Helper methods for tracking

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class TrackingHelper
```

Visual Basic

```
Public NotInheritable Class TrackingHelper
```

Visual C++

```
public ref class TrackingHelper abstract sealed
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.Tracking.TrackingHelper

See Also

TrackingHelper Members

Microsoft.Activities.Extensions.Tracking Namespace

TrackingHelper Members

The TrackingHelper type exposes the following members.

Methods

	Name	Description
	GetRecordNumber	Returns the record number formatted as a string if indicated by the options
	TraceDictionary(TKey, TValue)	Traces the contents of a dictionary
	TraceInstance(StringBuilder, TrackingOptions, Guid, IDictionary(String, String), DateTime)	Traces additional data about a tracking record
	TraceInstance(StringBuilder, TrackingOptions, Guid, IDictionary(String, String), IDictionary(String, Object), IDictionary(String, Object), IDictionary(String, Object), DateTime, Action)	Traces additional data about a tracking record
	WriteTrace(StringBuilder, TraceSource)	The write trace.
	WriteTrace(TrackingRecord, TrackingOptions, TraceSource)	The write trace.

Fields

	Name	Description
	EventTimeFormat	The event time format

See Also

TrackingHelper Class

Microsoft.Activities.Extensions.Tracking Namespace

TrackingHelper Fields

The TrackingHelper type exposes the following members.

Fields

	Name	Description
	EventTimeFormat	The event time format

See Also

TrackingHelper Class

Microsoft.Activities.Extensions.Tracking Namespace

TrackingHelper.EventTimeFormat Field

The event time format

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public const string EventTimeFormat
```

Visual Basic

```
Public Const EventTimeFormat As String
```

Visual C++

```
public:
literal String^ EventTimeFormat
```

See Also

TrackingHelper Class

TrackingHelper Members

Microsoft.Activities.Extensions.Tracking Namespace

TrackingHelper Methods

The TrackingHelper type exposes the following members.

Methods

	Name	Description
	GetRecordNumber	Returns the record number formatted as a string if indicated by the options
	TraceDictionary(TKey, TValue)	Traces the contents of a dictionary
	TraceInstance(StringBuilder, TrackingOptions, Guid, IDictionary(String, String), DateTime)	Traces additional data about a tracking record
	TraceInstance(StringBuilder, TrackingOptions, Guid, IDictionary(String, String), IDictionary(String, Object), IDictionary(String, Object), IDictionary(String, Object), DateTime, Action)	Traces additional data about a tracking record
	WriteTrace(StringBuilder, TraceSource)	The write trace.
	WriteTrace(TrackingRecord, TrackingOptions, TraceSource)	The write trace.

See Also

TrackingHelper Class

Microsoft.Activities.Extensions.Tracking Namespace

TrackingHelper.GetRecordNumber Method

Returns the record number formatted as a string if indicated by the options

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string GetRecordNumber(
        long recordNumber,
        TrackingOptions options
)
```

Visual Basic

```
Public Shared Function GetRecordNumber ( _
        recordNumber As Long, _
        options As TrackingOptions _
) As String
```

Visual C++

```
public:
static String^ GetRecordNumber(
        long long recordNumber,
        TrackingOptions options
)
```

Parameters

recordNumber
Type: System.Int64
The record number

options
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The options

Return Value

The record number string

See Also

TrackingHelper Class

TrackingHelper Members

Microsoft.Activities.Extensions.Tracking Namespace

TrackingHelper.TraceDictionary(*TKey*, *TValue*) Method

Traces the contents of a dictionary

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void TraceDictionary<TKey, TValue>(
        StringBuilder stringBuilder,
        IDictionary<TKey, TValue> dictionary,
        string name,
        bool indent = true
)
```

Visual Basic

```
Public Shared Sub TraceDictionary(Of TKey, TValue) (
        stringBuilder As StringBuilder, _
        dictionary As IDictionary(Of TKey, TValue), _
        name As String, _
        Optional indent As Boolean = True _
)
```

Visual C++

```
public:
generic<typename TKey, typename TValue>
static void TraceDictionary(
        StringBuilder^ stringBuilder,
        IDictionary<TKey, TValue>^ dictionary,
        String^ name,
        bool indent = true
)
```

Parameters

stringBuilder
Type: System.Text.StringBuilder

The string builder to write to.

dictionary
Type: System.Collections.Generic.IDictionary(**TKey**, **TValue**)
The dictionary.

name
Type: System.String
The name of the dictionary.

indent (Optional)
Type: System.Boolean
true to indent

Type Parameters

TKey
The type of the key
TValue
The type of the value

See Also

TrackingHelper Class

TrackingHelper Members

Microsoft.Activities.Extensions.Tracking Namespace

TrackingHelper.TraceInstance Method

TrackingHelper Class See Also Send Feedback

Overload List

	Name	Description
	TraceInstance(StringBuilder, TrackingOptions, Guid, IDictionary(String, String), DateTime)	Traces additional data about a tracking record
	TraceInstance(StringBuilder, TrackingOptions, Guid, IDictionary(String, String), IDictionary(String, Object), IDictionary(String, Object), IDictionary(String, Object), DateTime, Action)	Traces additional data about a tracking record

See Also

TrackingHelper Class

TrackingHelper Members

Microsoft.Activities.Extensions.Tracking Namespace

TrackingHelper.TraceInstance Method (StringBuilder, TrackingOptions, Guid, IDictionary(String, String), DateTime)

Traces additional data about a tracking record

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void TraceInstance(
        StringBuilder stringBuilder,
        TrackingOptions options,
        Guid instanceId,
        IDictionary<string, string> annotations,
        DateTime eventTime
)
```

Visual Basic

```
Public Shared Sub TraceInstance ( _
        stringBuilder As StringBuilder, _
        options As TrackingOptions, _
        instanceId As Guid, _
        annotations As IDictionary(Of String, String
        eventTime As DateTime _
)
```

Visual C++

```
public:
static void TraceInstance(
        StringBuilder^ stringBuilder,
        TrackingOptions options,
        Guid instanceId,
        IDictionary<String^, String^>^ annotations,
        DateTime eventTime
)
```

Parameters

stringBuilder
Type: System.Text.StringBuilder
The string builder.

options
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
A TrackingOptions value which specifies data to include in the trace

instanceId
Type: System.Guid
The instance ID of the tracking record

annotations
Type: System.Collections.Generic.IDictionary(String, String)
The annotations dictionary

eventTime
Type: System.DateTime
The event time

See Also

TrackingHelper Class
TrackingHelper Members
TraceInstance Overload
Microsoft.Activities.Extensions.Tracking Namespace

TrackingHelper.TraceInstance Method (StringBuilder, TrackingOptions, Guid, IDictionary(String, String), IDictionary(String, Object), IDictionary(String, Object), IDictionary(String, Object), DateTime, Action)

Traces additional data about a tracking record

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void TraceInstance(
        StringBuilder stringBuilder,
        TrackingOptions options,
        Guid instanceId,
        IDictionary<string, string> annotations,
        IDictionary<string, Object> arguments,
        IDictionary<string, Object> variables,
        IDictionary<string, Object> data,
        DateTime eventTime,
        Action traceCallback = null
)
```

Visual Basic

```
Public Shared Sub TraceInstance ( _
        stringBuilder As StringBuilder, _
        options As TrackingOptions, _
        instanceId As Guid, _
        annotations As IDictionary(Of String, String
        arguments As IDictionary(Of String, Object),
        variables As IDictionary(Of String, Object),
        data As IDictionary(Of String, Object), _
        eventTime As DateTime, _
        Optional traceCallback As Action = Nothing _
)
```

Visual C++

```
public:
static void TraceInstance(
        StringBuilder^ stringBuilder,
        TrackingOptions options,
```

```
        Guid instanceId,
        IDictionary<String^, String^>^ annotations,
        IDictionary<String^, Object^>^ arguments,
        IDictionary<String^, Object^>^ variables,
        IDictionary<String^, Object^>^ data,
        DateTime eventTime,
        Action^ traceCallback = nullptr
)
```

Parameters

stringBuilder
Type: System.Text.StringBuilder
The stringBuilder.

options
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
A TrackingOptions value which specifies data to include in the trace

instanceId
Type: System.Guid
The instance ID of the tracking record

annotations
Type: System.Collections.Generic.IDictionary(String, String)
The annotations dictionary

arguments
Type: System.Collections.Generic.IDictionary(String, Object)
The arguments dictionary

variables
Type: System.Collections.Generic.IDictionary(String, Object)
The variables dictionary

data
Type: System.Collections.Generic.IDictionary(String, Object)
The data dictionary

eventTime
Type: System.DateTime

The event time

traceCallback (Optional)
Type: System.Action
Callback which allows records to add elements to the indented trace

See Also

TrackingHelper Class
TrackingHelper Members
TraceInstance Overload
Microsoft.Activities.Extensions.Tracking Namespace

TrackingHelper.WriteTrace Method

Overload List

	Name	Description
	WriteTrace(StringBuilder, TraceSource)	The write trace.
	WriteTrace(TrackingRecord, TrackingOptions, TraceSource)	The write trace.

See Also

TrackingHelper Class

TrackingHelper Members

Microsoft.Activities.Extensions.Tracking Namespace

TrackingHelper.WriteTrace Method (StringBuilder, TraceSource)

The write trace.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void WriteTrace(
        StringBuilder stringBuilder,
        TraceSource source
)
```

Visual Basic

```
Public Shared Sub WriteTrace ( _
        stringBuilder As StringBuilder, _
        source As TraceSource _
)
```

Visual C++

```
public:
static void WriteTrace(
        StringBuilder^ stringBuilder,
        TraceSource^ source
)
```

Parameters

stringBuilder
Type: System.Text.StringBuilder
The string builder.

source
Type: System.Diagnostics.TraceSource
The source.

See Also

TrackingHelper Class
TrackingHelper Members
WriteTrace Overload
Microsoft.Activities.Extensions.Tracking Namespace

TrackingHelper.WriteTrace Method (TrackingRecord, TrackingOptions, TraceSource)

The write trace.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void WriteTrace(
        TrackingRecord record,
        TrackingOptions options,
        TraceSource source
)
```

Visual Basic

```
Public Shared Sub WriteTrace ( _
        record As TrackingRecord, _
        options As TrackingOptions, _
        source As TraceSource _
)
```

Visual C++

```
public:
static void WriteTrace(
        TrackingRecord^ record,
        TrackingOptions options,
        TraceSource^ source
)
```

Parameters

record
Type: System.Activities.Tracking.TrackingRecord
The record.

options
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The options.

source
Type: System.Diagnostics.TraceSource
The source.

See Also

TrackingHelper Class
TrackingHelper Members
WriteTrace Overload
Microsoft.Activities.Extensions.Tracking Namespace

TrackingOptions Enumeration

See Also Send Feedback

Determines which elements of the tracking record will be included in the trace

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
[FlagsAttribute]
public enum TrackingOptions
```

Visual Basic

```
<FlagsAttribute> _
Public Enumeration TrackingOptions
```

Visual C++

```
[FlagsAttribute]
public enum class TrackingOptions
```

Members

	Member name	Value	Description
	InstanceId	1	Traces the instance ID
	Variables	2	Traces the variables
	Arguments	4	Traces the arguments
	Annotations	8	Traces the annotations
	Default	143	The default tracing options
	Data	32	Traces the data of custom tracking records
	Time	64	Traces the time
	RecordNumber	128	Traces Record Number
	All	111	Combines all tracking options

Remarks

The Default value will apply the TrackingOptions.Default value. To set the option for all traces set this value.

See Also

Microsoft.Activities.Extensions.Tracking Namespace

TrackingRecordExtensions Class

Members See Also Send Feedback

The tracking record extensions.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class TrackingRecordExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class TrackingRecordExtensions
```

Visual C++

```
[ExtensionAttribute]
public ref class TrackingRecordExtensions abstract s
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.Tracking.TrackingRecordExtensions

See Also

TrackingRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

TrackingRecordExtensions Members

The TrackingRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Traces a tracking record
	Trace	Traces a tracking record

Properties

	Name	Description
	Options	Gets or sets Options.

See Also

TrackingRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

TrackingRecordExtensions Methods

The TrackingRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Traces a tracking record
	Trace	Traces a tracking record

See Also

TrackingRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

TrackingRecordExtensions.ToFormattedString Method

Traces a tracking record

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToFormattedString(
        this TrackingRecord record,
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToFormattedString ( _
        record As TrackingRecord, _
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToFormattedString(
        TrackingRecord^ record,
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

record
Type: System.Activities.Tracking.TrackingRecord
The record to trace

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

Return Value

The formatted string.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type TrackingRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

Remarks

The default ToString() method of tracking records produces difficult to read text The extensions provide formatted indented text designed to make it more readable

See Also

TrackingRecordExtensions Class

TrackingRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

TrackingRecordExtensions.Trace Method

Traces a tracking record

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this TrackingRecord record,
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        record As TrackingRecord, _
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        TrackingRecord^ record,
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

record
Type: System.Activities.Tracking.TrackingRecord
The record to trace

options (Optional)

Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

source (Optional)
Type: System.Diagnostics.TraceSource
The source.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type TrackingRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

Remarks

The default ToString() method of tracking records produces difficult to read text The extensions provide formatted indented text designed to make it more readable

See Also

TrackingRecordExtensions Class

TrackingRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

TrackingRecordExtensions Properties

The TrackingRecordExtensions type exposes the following members.

Properties

	Name	Description
	Options	Gets or sets Options.

See Also

TrackingRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

TrackingRecordExtensions.Options Property

Gets or sets Options.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static TrackingOptions Options { get; set; }
```

Visual Basic

```
Public Shared Property Options As TrackingOptions
        Get
        Set
```

Visual C++

```
public:
static property TrackingOptions Options {
        TrackingOptions get ();
        void set (TrackingOptions value);
}
```

See Also

TrackingRecordExtensions Class

TrackingRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant Class

A tracking particpant that includes typed overloads of the Track method

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public class TypedTrackingParticipant : TrackingPart
```

Visual Basic

```
Public Class TypedTrackingParticipant _
        Inherits TrackingParticipant
```

Visual C++

```
public ref class TypedTrackingParticipant : public T
```

Inheritance Hierarchy

System.Object
  System.Activities.Tracking.TrackingParticipant
    Microsoft.Activities.Extensions.Tracking.TypedTrackingParticipant

See Also

TypedTrackingParticipant Members

Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant Members

The TypedTrackingParticipant type exposes the following members.

Constructors

	Name	Description
	TypedTrackingParticipant	Initializes a new instance of the TypedTrackingParticipant class

Methods

	Name	Description
	BeginTrack	When implemented begins asynchronou tracking record. (Inherited from Tra
	EndTrack	When implemented represents the end c tracking operation. (Inherited from Tra
	Equals	Determines whethe equal to the current (Inherited from Obj
	Finalize	Allows an Object t resources and perfo operations before th by garbage collecti (Inherited from Obj
	GetHashCode	Serves as a hash fu type. (Inherited from Obj
	GetType	Gets the Type of th (Inherited from Obj
	MemberwiseClone	Creates a shallow c Object. (Inherited from Obj
	ToString	Returns a String tha Object. (Inherited from Obj
	Track(ActivityScheduledRecord, TimeSpan)	When implemented to synchronously p record.
	Track(ActivityStateRecord, TimeSpan)	When implemented to synchronously p record.

	Track(BookmarkResumptionRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(CancelRequestedRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(CustomTrackingRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(FaultPropagationRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(TrackingRecord, TimeSpan)	When implemented to synchronously pr record. (Overrides TrackingParticipan TimeSpan).)
	Track(WorkflowInstanceAbortedRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(WorkflowInstanceRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(WorkflowInstanceSuspendedRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(WorkflowInstanceTerminatedRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(WorkflowInstanceUnhandledExceptionRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(ReceiveMessageRecord, TimeSpan)	When implemented to synchronously pr record.

	Track(SendMessageRecord, TimeSpan)	When implemented to synchronously pr record.

Properties

	Name	Description
	TrackingProfile	The tracking profile object used by the tracking participant. Before adding the tracking participant to the workflow extensions, the tracking profile is set on the participant. (Inherited from TrackingParticipant.)

See Also

TypedTrackingParticipant Class

Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant Constructor

Initializes a new instance of the TypedTrackingParticipant class

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public TypedTrackingParticipant()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:
TypedTrackingParticipant()
```

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant Methods

The TypedTrackingParticipant type exposes the following members.

Methods

	Name	Description
	BeginTrack	When implemented begins asynchronou tracking record. (Inherited from Tra
	EndTrack	When implemented represents the end c tracking operation. (Inherited from Tra
	Equals	Determines whethe equal to the current (Inherited from Obj
	Finalize	Allows an Object t resources and perfo operations before th by garbage collecti (Inherited from Obj
	GetHashCode	Serves as a hash fu type. (Inherited from Obj
	GetType	Gets the Type of th (Inherited from Obj
	MemberwiseClone	Creates a shallow c Object. (Inherited from Obj
	ToString	Returns a String tha Object. (Inherited from Obj
	Track(ActivityScheduledRecord, TimeSpan)	When implemented to synchronously p record.
	Track(ActivityStateRecord, TimeSpan)	When implemented to synchronously p record.

	Track(BookmarkResumptionRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(CancelRequestedRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(CustomTrackingRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(FaultPropagationRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(TrackingRecord, TimeSpan)	When implemented to synchronously pr record. (Overrides TrackingParticipan TimeSpan).)
	Track(WorkflowInstanceAbortedRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(WorkflowInstanceRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(WorkflowInstanceSuspendedRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(WorkflowInstanceTerminatedRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(WorkflowInstanceUnhandledExceptionRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(ReceiveMessageRecord, TimeSpan)	When implemented to synchronously pr record.

	Track(SendMessageRecord, TimeSpan)	When implemented to synchronously pr record.

See Also

TypedTrackingParticipant Class

Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method

Overload List

	Name	Description
	Track(ActivityScheduledRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(ActivityStateRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(BookmarkResumptionRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(CancelRequestedRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(CustomTrackingRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(FaultPropagationRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(TrackingRecord, TimeSpan)	When implemented to synchronously pr record. (Overrides TrackingParticipan TimeSpan).)
	Track(WorkflowInstanceAbortedRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(WorkflowInstanceRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(WorkflowInstanceSuspendedRecord, TimeSpan)	When implemented to synchronously pr record.

	Track(WorkflowInstanceTerminatedRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(WorkflowInstanceUnhandledExceptionRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(ReceiveMessageRecord, TimeSpan)	When implemented to synchronously pr record.
	Track(SendMessageRecord, TimeSpan)	When implemented to synchronously pr record.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method (ActivityScheduledRecord, TimeSpan)

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected virtual void Track(
        ActivityScheduledRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overridable Sub Track ( _
        record As ActivityScheduledRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        ActivityScheduledRecord^ record,
        TimeSpan timeout
)
```

Parameters

record
Type: System.Activities.Tracking.ActivityScheduledRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Track Overload
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method (ActivityStateRecord, TimeSpan)

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected virtual void Track(
        ActivityStateRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overridable Sub Track ( _
        record As ActivityStateRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        ActivityStateRecord^ record,
        TimeSpan timeout
)
```

Parameters

record
Type: System.Activities.Tracking.ActivityStateRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Track Overload
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method (BookmarkResumptionRecord, TimeSpan)

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected virtual void Track(
        BookmarkResumptionRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overridable Sub Track ( _
        record As BookmarkResumptionRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        BookmarkResumptionRecord^ record,
        TimeSpan timeout
)
```

Parameters

record
Type: System.Activities.Tracking.BookmarkResumptionRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Track Overload
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method (CancelRequestedRecord, TimeSpan)

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected virtual void Track(
        CancelRequestedRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overridable Sub Track ( _
        record As CancelRequestedRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        CancelRequestedRecord^ record,
        TimeSpan timeout
)
```

Parameters

record
Type: System.Activities.Tracking.CancelRequestedRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Track Overload
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method (CustomTrackingRecord, TimeSpan)

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected virtual void Track(
        CustomTrackingRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overridable Sub Track ( _
        record As CustomTrackingRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        CustomTrackingRecord^ record,
        TimeSpan timeout
)
```

Parameters

record
Type: System.Activities.Tracking.CustomTrackingRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Track Overload
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method (FaultPropagationRecord, TimeSpan)

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected virtual void Track(
        FaultPropagationRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overridable Sub Track ( _
        record As FaultPropagationRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        FaultPropagationRecord^ record,
        TimeSpan timeout
)
```

Parameters

record
Type: System.Activities.Tracking.FaultPropagationRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Track Overload
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method (TrackingRecord, TimeSpan)

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected override void Track(
        TrackingRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overrides Sub Track ( _
        record As TrackingRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        TrackingRecord^ record,
        TimeSpan timeout
) override
```

Parameters

record
Type: System.Activities.Tracking.TrackingRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Track Overload
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method (WorkflowInstanceAbortedRecord, TimeSpan)

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected virtual void Track(
        WorkflowInstanceAbortedRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overridable Sub Track ( _
        record As WorkflowInstanceAbortedRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        WorkflowInstanceAbortedRecord^ record,
        TimeSpan timeout
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceAbortedRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Track Overload
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method (WorkflowInstanceRecord, TimeSpan)

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected virtual void Track(
        WorkflowInstanceRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overridable Sub Track ( _
        record As WorkflowInstanceRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        WorkflowInstanceRecord^ record,
        TimeSpan timeout
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Track Overload
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method (WorkflowInstanceSuspendedRecord, TimeSpan)

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected virtual void Track(
        WorkflowInstanceSuspendedRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overridable Sub Track ( _
        record As WorkflowInstanceSuspendedRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        WorkflowInstanceSuspendedRecord^ record,
        TimeSpan timeout
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceSuspendedRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Track Overload
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method (WorkflowInstanceTerminatedRecord, TimeSpan)

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected virtual void Track(
        WorkflowInstanceTerminatedRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overridable Sub Track ( _
        record As WorkflowInstanceTerminatedRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        WorkflowInstanceTerminatedRecord^ record,
        TimeSpan timeout
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceTerminatedRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Track Overload
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method (WorkflowInstanceUnhandledExceptionRecord, TimeSpan)

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected virtual void Track(
        WorkflowInstanceUnhandledExceptionRecord rec
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overridable Sub Track ( _
        record As WorkflowInstanceUnhandledExceptionR
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        WorkflowInstanceUnhandledExceptionRecord^ re
        TimeSpan timeout
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceUnhandledExceptionRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Track Overload
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method (ReceiveMessageRecord, TimeSpan)

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected virtual void Track(
        ReceiveMessageRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overridable Sub Track ( _
        record As ReceiveMessageRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        ReceiveMessageRecord^ record,
        TimeSpan timeout
)
```

Parameters

record
Type: System.ServiceModel.Activities.Tracking.ReceiveMessageRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Track Overload
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant.Track Method (SendMessageRecord, TimeSpan)

When implemented in a derived class, used to synchronously process the tracking record.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
protected virtual void Track(
        SendMessageRecord record,
        TimeSpan timeout
)
```

Visual Basic

```
Protected Overridable Sub Track ( _
        record As SendMessageRecord, _
        timeout As TimeSpan _
)
```

Visual C++

```
protected:
virtual void Track(
        SendMessageRecord^ record,
        TimeSpan timeout
)
```

Parameters

record
Type: System.ServiceModel.Activities.Tracking.SendMessageRecord
The generated tracking record.

timeout
Type: System.TimeSpan
The time period after which the provider aborts the attempt.

See Also

TypedTrackingParticipant Class
TypedTrackingParticipant Members
Track Overload
Microsoft.Activities.Extensions.Tracking Namespace

TypedTrackingParticipant Properties

The TypedTrackingParticipant type exposes the following members.

Properties

	Name	Description
	TrackingProfile	The tracking profile object used by the tracking participant. Before adding the tracking participant to the workflow extensions, the tracking profile is set on the participant. (Inherited from TrackingParticipant.)

See Also

TypedTrackingParticipant Class

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceAbortedRecordExtensions Class

Members See Also Send Feedback

The workflow instance aborted record extensions.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class WorkflowInstanceAbortedRecordExt
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class WorkflowInstanceAbortedR
```

Visual C++

```
[ExtensionAttribute]
public ref class WorkflowInstanceAbortedRecordExtens
```

Inheritance Hierarchy

System.Object

Microsoft.Activities.Extensions.Tracking.WorkflowInstanceAbortedReco

See Also

WorkflowInstanceAbortedRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceAbortedRecordExtensions Members

The WorkflowInstanceAbortedRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	The trace method.

See Also

WorkflowInstanceAbortedRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceAbortedRecordExtensions Methods

The WorkflowInstanceAbortedRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	The trace method.

See Also

WorkflowInstanceAbortedRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceAbortedRecordExtensions.ToFormattedString Method

Returns the record as a formatted string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToFormattedString(
        this WorkflowInstanceAbortedRecord record,
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToFormattedString ( _
        record As WorkflowInstanceAbortedRecord, _
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToFormattedString(
        WorkflowInstanceAbortedRecord^ record,
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceAbortedRecord
The record to trace.

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

Return Value

The formatted tracking record

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowInstanceAbortedRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowInstanceAbortedRecordExtensions Class
WorkflowInstanceAbortedRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceAbortedRecordExtensions.Trace Method

The trace method.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this WorkflowInstanceAbortedRecord record,
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        record As WorkflowInstanceAbortedRecord, _
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        WorkflowInstanceAbortedRecord^ record,
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceAbortedRecord
The record to trace.

options (Optional)

Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

source (Optional)
Type: System.Diagnostics.TraceSource
The source.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowInstanceAbortedRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowInstanceAbortedRecordExtensions Class
WorkflowInstanceAbortedRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceRecordExtensions Class

Members See Also Send Feedback

Extension methods for WorkflowInstanceRecord

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class WorkflowInstanceRecordExtensions
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class WorkflowInstanceRecordEx
```

Visual C++

```
[ExtensionAttribute]
public ref class WorkflowInstanceRecordExtensions ab
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.Tracking.WorkflowInstanceRecordExten

See Also

WorkflowInstanceRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceRecordExtensions Members

The WorkflowInstanceRecordExtensions type exposes the following members.

Methods

	Name	Description
	GetState	Converts the string Record state into a WorkflowInstanceRecordState
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

WorkflowInstanceRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceRecordExtensions Methods

The WorkflowInstanceRecordExtensions type exposes the following members.

Methods

	Name	Description
	GetState	Converts the string Record state into a WorkflowInstanceRecordState
	ToFormattedString	Returns the record as a formatted string
	Trace	Provides a human readable trace

See Also

WorkflowInstanceRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceRecordExtensions.GetState Method

Converts the string Record state into a WorkflowInstanceRecordState

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowInstanceRecordState GetState(
        this WorkflowInstanceRecord record
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function GetState ( _
        record As WorkflowInstanceRecord _
) As WorkflowInstanceRecordState
```

Visual C++

```
public:
[ExtensionAttribute]
static WorkflowInstanceRecordState GetState(
        WorkflowInstanceRecord^ record
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceRecord
The WorklfowInstanceRecord

Return Value

a WorkflowInstanceRecordState

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any

object of type WorkflowInstanceRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowInstanceRecordExtensions Class
WorkflowInstanceRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceRecordExtensions.ToFormattedString Method

Returns the record as a formatted string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToFormattedString(
        this WorkflowInstanceRecord record,
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToFormattedString ( _
        record As WorkflowInstanceRecord, _
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToFormattedString(
        WorkflowInstanceRecord^ record,
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceRecord
The record to trace.

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

Return Value

The formatted tracking record

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowInstanceRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowInstanceRecordExtensions Class
WorkflowInstanceRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceRecordExtensions.Trace Method

Provides a human readable trace

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this WorkflowInstanceRecord record,
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        record As WorkflowInstanceRecord, _
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        WorkflowInstanceRecord^ record,
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceRecord
The record.

options (Optional)

Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

source (Optional)
Type: System.Diagnostics.TraceSource
The source.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowInstanceRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowInstanceRecordExtensions Class
WorkflowInstanceRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceRecordState Enumeration

See Also Send Feedback

The workflow instance states.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public enum WorkflowInstanceRecordState
```

Visual Basic

```
Public Enumeration WorkflowInstanceRecordState
```

Visual C++

```
public enum class WorkflowInstanceRecordState
```

Members

	Member name	Value	Description
	Aborted	0	The aborted.
	Canceled	1	The canceled.
	Completed	2	The completed.
	Deleted	3	The deleted.
	Idle	4	The idle.
	Persisted	5	The persisted.
	Resumed	6	The resumed.
	Started	7	The started.
	Suspended	8	The suspended.
	Terminated	9	The terminated.
	UnhandledException	10	The unhandled exception.
	Unloaded	11	The unloaded.
	Unsuspended	12	The unsuspended.

See Also

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceSuspendedRecordExtensions Class

The workflow instance suspended record extensions.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class WorkflowInstanceSuspendedRecordEx
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class WorkflowInstanceSuspende
```

Visual C++

```
[ExtensionAttribute]
public ref class WorkflowInstanceSuspendedRecordExte
```

Inheritance Hierarchy

System.Object

Microsoft.Activities.Extensions.Tracking.WorkflowInstanceSuspendedRe

See Also

WorkflowInstanceSuspendedRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceSuspendedRecordExtensions Members

The WorkflowInstanceSuspendedRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	The trace method.

See Also

WorkflowInstanceSuspendedRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceSuspendedRecordExtensions Methods

The WorkflowInstanceSuspendedRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	The trace method.

See Also

WorkflowInstanceSuspendedRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceSuspendedRecordExtensions.ToFormattedString Method

Returns the record as a formatted string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToFormattedString(
        this WorkflowInstanceSuspendedRecord record,
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToFormattedString ( _
        record As WorkflowInstanceSuspendedRecord, _
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToFormattedString(
        WorkflowInstanceSuspendedRecord^ record,
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceSuspendedRecord
The record to trace.

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

Return Value

The formatted tracking record

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowInstanceSuspendedRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowInstanceSuspendedRecordExtensions Class
WorkflowInstanceSuspendedRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceSuspendedRecordExtensions.Trace Method

The trace method.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this WorkflowInstanceSuspendedRecord record,
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        record As WorkflowInstanceSuspendedRecord, _
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        WorkflowInstanceSuspendedRecord^ record,
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceSuspendedRecord
The record to trace.

options (Optional)

Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

source (Optional)
Type: System.Diagnostics.TraceSource
The source.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowInstanceSuspendedRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowInstanceSuspendedRecordExtensions Class
WorkflowInstanceSuspendedRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceTerminatedRecordExtensions Class

Members See Also Send Feedback

The workflow instance terminated record extensions.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class WorkflowInstanceTerminatedRecordE
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class WorkflowInstanceTerminate
```

Visual C++

```
[ExtensionAttribute]
public ref class WorkflowInstanceTerminatedRecordExte
```

Inheritance Hierarchy

System.Object

Microsoft.Activities.Extensions.Tracking.WorkflowInstanceTerminatedR

See Also

WorkflowInstanceTerminatedRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceTerminatedRecordExtensions Members

The WorkflowInstanceTerminatedRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	The trace method.

See Also

WorkflowInstanceTerminatedRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceTerminatedRecordExtensions Methods

The WorkflowInstanceTerminatedRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	The trace method.

See Also

WorkflowInstanceTerminatedRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceTerminatedRecordExtensions.ToFormattedString Method

Returns the record as a formatted string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToFormattedString(
        this WorkflowInstanceTerminatedRecord record,
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToFormattedString ( _
        record As WorkflowInstanceTerminatedRecord, _
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToFormattedString(
        WorkflowInstanceTerminatedRecord^ record,
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceTerminatedRecord
The record to trace.

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

Return Value

The formatted tracking record

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowInstanceTerminatedRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowInstanceTerminatedRecordExtensions Class
WorkflowInstanceTerminatedRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceTerminatedRecordExtensions.Trace Method

The trace method.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this WorkflowInstanceTerminatedRecord record,
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        record As WorkflowInstanceTerminatedRecord, _
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        WorkflowInstanceTerminatedRecord^ record,
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceTerminatedRecord
The record to trace.

options (Optional)

Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

source (Optional)
Type: System.Diagnostics.TraceSource
The source.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowInstanceTerminatedRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowInstanceTerminatedRecordExtensions Class
WorkflowInstanceTerminatedRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceUnhandledExceptionRecordExtensions Class

The workflow instance UnhandledException record extensions.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class WorkflowInstanceUnhandledExceptio
```

Visual Basic

```
<ExtensionAttribute> _
Public NotInheritable Class WorkflowInstanceUnhandle
```

Visual C++

```
[ExtensionAttribute]
public ref class WorkflowInstanceUnhandledExceptionR
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.Tracking.WorkflowInstanceUnhandledEx

See Also

WorkflowInstanceUnhandledExceptionRecordExtensions Members

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceUnhandledExceptionRecordExtensions Members

The WorkflowInstanceUnhandledExceptionRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	The trace method.

See Also

WorkflowInstanceUnhandledExceptionRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceUnhandledExceptionRecordExtensions Methods

The WorkflowInstanceUnhandledExceptionRecordExtensions type exposes the following members.

Methods

	Name	Description
	ToFormattedString	Returns the record as a formatted string
	Trace	The trace method.

See Also

WorkflowInstanceUnhandledExceptionRecordExtensions Class

Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceUnhandledExceptionRecordExtensions.ToFormattedString Method

Returns the record as a formatted string

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static string ToFormattedString(
        this WorkflowInstanceUnhandledExceptionRecor
        TrackingOptions options = TrackingOptions.De
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Function ToFormattedString ( _
        record As WorkflowInstanceUnhandledExceptionI
        Optional options As TrackingOptions = Tracki
) As String
```

Visual C++

```
public:
[ExtensionAttribute]
static String^ ToFormattedString(
        WorkflowInstanceUnhandledExceptionRecord^ re
        TrackingOptions options = TrackingOptions::D
)
```

Parameters

record
Type: System.Activities.Tracking.WorkflowInstanceUnhandledExceptionRecord
The record to trace.

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the

TrackingOptions.Default value

Return Value

The formatted tracking record

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowInstanceUnhandledExceptionRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowInstanceUnhandledExceptionRecordExtensions Class
WorkflowInstanceUnhandledExceptionRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

WorkflowInstanceUnhandledExceptionRecordExtensions.Trace Method

The trace method.

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static void Trace(
        this WorkflowInstanceUnhandledExceptionRecor
        TrackingOptions options = TrackingOptions.De
        TraceSource source = null
)
```

Visual Basic

```
<ExtensionAttribute> _
Public Shared Sub Trace ( _
        record As WorkflowInstanceUnhandledExceptionR
        Optional options As TrackingOptions = Tracki
        Optional source As TraceSource = Nothing _
)
```

Visual C++

```
public:
[ExtensionAttribute]
static void Trace(
        WorkflowInstanceUnhandledExceptionRecord^ re
        TrackingOptions options = TrackingOptions::D
        TraceSource^ source = nullptr
)
```

Parameters

record
Type:
System.Activities.Tracking.WorkflowInstanceUnhandledExceptionRecord
The record to trace.

options (Optional)
Type: Microsoft.Activities.Extensions.Tracking.TrackingOptions
The tracking options to use, if not provided will use the TrackingOptions.Default value

source (Optional)
Type: System.Diagnostics.TraceSource
The source.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type WorkflowInstanceUnhandledExceptionRecord. When you use instance method syntax to call this method, omit the first parameter. For more information, see Extension Methods (Visual Basic) or Extension Methods (C# Programming Guide).

See Also

WorkflowInstanceUnhandledExceptionRecordExtensions Class
WorkflowInstanceUnhandledExceptionRecordExtensions Members
Microsoft.Activities.Extensions.Tracking Namespace

WorkflowXamlFileType Enumeration

See Also Send Feedback

Types of XAML artifacts for Workflow

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public enum WorkflowXamlFileType
```

Visual Basic

```
Public Enumeration WorkflowXamlFileType
```

Visual C++

```
public enum class WorkflowXamlFileType
```

Members

	Member name	Value	Description
	Unknown	0	The XAML file is unknown
	Activity	1	The XAML file is an activity
	WorkflowService	2	The XAML file is a WorkflowService

See Also

Microsoft.Activities.Extensions.Tracking Namespace

XamlHelper Class

Helpers for dealing with XAML and XAMLX files

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static class XamlHelper
```

Visual Basic

```
Public NotInheritable Class XamlHelper
```

Visual C++

```
public ref class XamlHelper abstract sealed
```

Inheritance Hierarchy

System.Object
Microsoft.Activities.Extensions.Tracking.XamlHelper

See Also

XamlHelper Members

Microsoft.Activities.Extensions.Tracking Namespace

XamlHelper Members

The XamlHelper type exposes the following members.

Methods

	Name	Description
	Load(String)	Loads a XAML or XAMLX file
	Load(String, Assembly)	Loads a XAML or XAMLX file
	LoadWorkflowService	Loads a WorkflowService

See Also

XamlHelper Class

Microsoft.Activities.Extensions.Tracking Namespace

XamlHelper Methods

The XamlHelper type exposes the following members.

Methods

	Name	Description
	Load(String)	Loads a XAML or XAMLX file
	Load(String, Assembly)	Loads a XAML or XAMLX file
	LoadWorkflowService	Loads a WorkflowService

See Also

XamlHelper Class

Microsoft.Activities.Extensions.Tracking Namespace

XamlHelper.Load Method

XamlHelper Class See Also Send Feedback

Overload List

	Name	Description
	Load(String)	Loads a XAML or XAMLX file
	Load(String, Assembly)	Loads a XAML or XAMLX file

See Also

XamlHelper Class

XamlHelper Members

Microsoft.Activities.Extensions.Tracking Namespace

XamlHelper.Load Method (String)

Loads a XAML or XAMLX file

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Activity Load(
        string xamlFile
)
```

Visual Basic

```
Public Shared Function Load ( _
        xamlFile As String _
) As Activity
```

Visual C++

```
public:
static Activity^ Load(
        String^ xamlFile
)
```

Parameters

xamlFile
Type: System.String
The xaml file.

Return Value

The activity or root activity of a WorkflowService

See Also

XamlHelper Class

XamlHelper Members

Load Overload

Microsoft.Activities.Extensions.Tracking Namespace

XamlHelper.Load Method (String, Assembly)

Loads a XAML or XAMLX file

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static Activity Load(
        string xamlFile,
        Assembly localAssembly
)
```

Visual Basic

```
Public Shared Function Load ( _
        xamlFile As String, _
        localAssembly As Assembly _
) As Activity
```

Visual C++

```
public:
static Activity^ Load(
        String^ xamlFile,
        Assembly^ localAssembly
)
```

Parameters

xamlFile
Type: System.String
The xaml file.

localAssembly
Type: System.Reflection.Assembly
The local assembly.

Return Value

The activity or root activity of a WorkflowService

See Also

XamlHelper Class

XamlHelper Members

Load Overload

Microsoft.Activities.Extensions.Tracking Namespace

XamlHelper.LoadWorkflowService Method

Loads a WorkflowService

Namespace: Microsoft.Activities.Extensions.Tracking
Assembly: Microsoft.Activities.Extensions (in Microsoft.Activities.Extensions.dll) Version: 2.0.6.9 (2.0.6.9)

Syntax

C#

```
public static WorkflowService LoadWorkflowService(
        string xamlxFile
)
```

Visual Basic

```
Public Shared Function LoadWorkflowService ( _
        xamlxFile As String _
) As WorkflowService
```

Visual C++

```
public:
static WorkflowService^ LoadWorkflowService(
        String^ xamlxFile
)
```

Parameters

xamlxFile
Type: System.String
The xaml file.

Return Value

A WorkflowService

See Also

XamlHelper Class

XamlHelper Members

Microsoft.Activities.Extensions.Tracking Namespace