## Namespaces

<table>
<thead>
<tr>
<th>Namespace</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MNG.Profiler</td>
<td></td>
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<tr>
<td>MNG.Profiler.Collections</td>
<td></td>
</tr>
<tr>
<td>MNG.Profiler.Controllers</td>
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<tr>
<td>MNG.Profiler.Data</td>
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<td>MNG.Profiler.Data.ADO</td>
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<tr>
<td>MNG.Profiler.Data.Core</td>
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<td>MNG.Profiler.Data.Core.Domain</td>
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<td>MNG.Profiler.Data.Core.Repositories</td>
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<td>MNG.Profiler.Data.Exceptions</td>
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<tr>
<td>MNG.Profiler.Exceptions</td>
<td></td>
</tr>
<tr>
<td>PostSharp.ImplementationDetails_113ed052</td>
<td></td>
</tr>
</tbody>
</table>
MNG.Profiler Namespace

**Classes**

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="ERunStatus" /></td>
<td>Describes the different run states an application lifecycle goes through.</td>
</tr>
<tr>
<td><img src="image" alt="ProfileAttribute" /></td>
<td>Attribute that allows users log the amount of time a method took to execute.</td>
</tr>
</tbody>
</table>

**Enumerations**

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="ProfileAttribute.DuplicateOptions" /></td>
<td></td>
</tr>
</tbody>
</table>

**See Also**

Reference

MNG.Profiler Assembly

Send Feedback
MNG.Direct Documentation

MEMBERS       COLLAPSE ALL
LANGUAGE FILTER: ALL

MNG.Profiler Namespace : ERunStatus Class

ERunStatus Class

Describes the different run states an application lifecycle goes through.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public MustInherit NotInheritable Class ERunStatus

'Usage

Dim instance As ERunStatus

public static class ERunStatus

public ref class ERunStatus abstract sealed

Inheritance Hierarchy

System.Object

MNG.Profiler.ERunStatus
The following tables list the members exposed by `ERunStatus`.

### Public Fields

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closed</td>
<td>When the application finished running and closed successfully.</td>
</tr>
<tr>
<td>Closing</td>
<td>When the application is about to close and is unloading resources.</td>
</tr>
<tr>
<td>FirstChanceException</td>
<td>When the application encountered a first chance exception.</td>
</tr>
<tr>
<td>Running</td>
<td>When the application finished loading and is now running normally.</td>
</tr>
<tr>
<td>Starting</td>
<td>When the application started and is loading resources.</td>
</tr>
<tr>
<td>UnhandledException</td>
<td>When the application encountered an unhandled exception.</td>
</tr>
</tbody>
</table>

### See Also

Reference

- `ERunStatus Class`
- `MNG.Profiler Namespace`
ERunStatus Class Fields

For a list of all members of this type, see ERunStatus members.

公共字段

<table>
<thead>
<tr>
<th>名称</th>
<th>描述</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closed</td>
<td>当应用程序完成运行并成功关闭时。</td>
</tr>
<tr>
<td>Closing</td>
<td>当应用程序即将关闭并卸载资源时。</td>
</tr>
<tr>
<td>FirstChanceException</td>
<td>当应用程序遇到一个第一次机会异常时。</td>
</tr>
<tr>
<td>Running</td>
<td>当应用程序完成加载并正常运行时。</td>
</tr>
<tr>
<td>Starting</td>
<td>当应用程序启动并加载资源时。</td>
</tr>
<tr>
<td>UnhandledException</td>
<td>当应用程序遇到一个未处理的异常时。</td>
</tr>
</tbody>
</table>

相关阅读

ERunStatus Class
MNG.Profiler Namespace
Closed Field

When the application finished running and closed successfully.

**Syntax**

- **Visual Basic**
  ```vbnet
  Public Const Closed As String
  ```

- **C#**
  ```csharp
  public const string Closed
  ```

- **C++/CLI**
  ```cpp
  public: const String^ Closed
  ```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with additional steps).
Closing Field

When the application is about to close and is unloading resources.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Const Closing As String

'Usage

Dim value As String

value = ERunStatus.Closing

public const string Closing

public:
const String^ Closing

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1).
FirstChanceException Field

When the application encountered a first chance exception.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Const FirstChanceException As String

'Usage

Dim value As String

value = ERunStatus.FirstChanceException

public const string FirstChanceException

public:

const String^ FirstChanceException

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with .NET Framework 4.5).
FirstChanceException Field

When the application encountered a first chance exception.

Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

'Declaration

```
Public Const FirstChanceException As String
```

'Usage

```
Dim value As String
value = ERunStatus.FirstChanceException
```

```
public const string FirstChanceException
```

```
public:
    const String^ FirstChanceException
```

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with additional license).
Running Field

When the application finished loading and is now running normally.

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

```csharp
'Declaration

Public Const Running As String

'Usage

Dim value As String
value = ERunStatus.Running

public const string Running

public:
const String^ Running
```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with Server Core only).
Starting Field

When the application started and is loading resources.

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

```vbnet
'Declaration

Public Const Starting As String

'Usage

Dim value As String

value = ERunStatus.Starting

public const string Starting

public:
    const String^ Starting
```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with limitations).
UnhandledException Field

When the application encountered an unhandled exception.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Const UnhandledException As String

'Usage

Dim value As String

value = ERunStatus.UnhandledException

public const string UnhandledException

public:
const String^ UnhandledException

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with .NET Framework 3.5 SP1 or later).
UnhandledException Field

/then the application encountered an unhandled exception.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Const UnhandledException As String

'Usage

Dim value As String

value = ERunStatus.UnhandledException

public const string UnhandledException

public:
    const String^ UnhandledException

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with restrictions)
ProfileAttribute Class

Attribute that allows users to log the amount of time a method took to execute.

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

```vbnet
'Declaration


'Usage

Dim instance As ProfileAttribute

[PostSharp.Serialization.Serializer(MNG.Profiler.ProfileAttribute+Serializer)]
```
ProfileAttribute Class Members

The following tables list the members exposed by ProfileAttribute.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProfileAttribute Constructor</td>
<td>Overloaded.</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApplyToStateMachine</td>
<td>(Inherited from PostSharp.Aspects.OnMethod BoundaryAspect)</td>
</tr>
<tr>
<td>AspectPriority</td>
<td>(Inherited from PostSharp.Aspects.Aspect)</td>
</tr>
<tr>
<td>AttributeExclude</td>
<td>(Inherited from PostSharp.Extensibility.MulticastAttribute)</td>
</tr>
<tr>
<td>AttributeId</td>
<td>(Inherited from PostSharp.Extensibility.MulticastAttribute)</td>
</tr>
</tbody>
</table>
ProfileAttribute Constructor

- **Overload List**

<table>
<thead>
<tr>
<th>Overload</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProfileAttribute Constructor()</td>
</tr>
<tr>
<td>ProfileAttribute Constructor(PortableFormatterConstructorContext)</td>
</tr>
</tbody>
</table>

- **Requirements**

  **Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

- **See Also**

  Reference
  
  ProfileAttribute Class
  ProfileAttribute Members

Send Feedback
Attribute Constructor

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProfileAttribute()</td>
</tr>
<tr>
<td>ProfileAttribute(PortableFormatterConstructorContext)</td>
</tr>
</tbody>
</table>

**Requirements:**

*Platforms:*
- Windows 7, Windows Vista SP1 or later,
- Windows SP3, Windows Server 2008 (Server Core not supported),
- Windows Server 2008 R2 (Server Core supported with SP1 or later),
- Windows Server 2003 SP2

See Also

Note

Profile Attribute Class
Profile Attribute Members
ProfileAttribute Constructor()

Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

'Declaration

Public Function New()

'Usage

Dim instance As New ProfileAttribute()

public ProfileAttribute()

public:
ProfileAttribute();

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also
ProfileAttribute Constructor()

- Windows 7, Windows Vista SP1 or later,
- Windows XP SP3, Windows Server 2008 (Server Core not supported),
- Windows Server 2008 R2 (Server Core supported with SP1 or later),
- Windows Server 2003 SP2
ProfileAttribute Constructor(PortableFormatterConstructorContext)

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

<CompilerGeneratedAttribute()> Protected Function New( _
    ByVal context As PostSharp.Serialization.PortableFormatterConstructorContext _
)  

'Usage

Dim context As PostSharp.Serialization.PortableFormatterConstructorContext

Dim instance As New ProfileAttribute(context)

[CompilerGenerated()]
protected ProfileAttribute(
    PostSharp.Serialization.PortableFormatterConstructorContext context
)
ProfileAttribute Constructor

ProfileAttribute Constructor(PortableFormatterConstructorContext)
'uctor
ProfileAttribute Class Methods

For a list of all members of this type, see ProfileAttribute members.

## Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🔄 CompileTimeInitialize</td>
<td>(Inherited from PostSharp.Aspects.MethodLevelAspect)</td>
</tr>
<tr>
<td>🔄 CompileTimeValidate</td>
<td>Overloaded. (Inherited from PostSharp.Aspects.MethodLevelAspect)</td>
</tr>
<tr>
<td>🔄 Equals</td>
<td>(Inherited from System.Attribute)</td>
</tr>
<tr>
<td>🔄 GetAspectConfiguration</td>
<td>(Inherited from PostSharp.Aspects.Aspect)</td>
</tr>
<tr>
<td>🔄 GetHashCode</td>
<td>(Inherited from System.Attribute)</td>
</tr>
<tr>
<td>🔄 IsDefaultAttribute</td>
<td>(Inherited from System.Attribute)</td>
</tr>
<tr>
<td>🔄 Match</td>
<td>(Inherited from System.Attribute)</td>
</tr>
<tr>
<td>🔄 OnEntry</td>
<td>Overridden. Handler: Called at the beginning of the method.</td>
</tr>
<tr>
<td>🔄 OnException</td>
<td>(Inherited from PostSharp.Aspects.OnMethodBoundaryAspect)</td>
</tr>
<tr>
<td>🔄 OnExit</td>
<td>Overridden. Handler: Called at the end of the method. Stops profiling the method and logs the results.</td>
</tr>
<tr>
<td>🔄 OnResume</td>
<td>Overridden. Handler: Called</td>
</tr>
</tbody>
</table>
OnEntry Method

Handler: Called at the beginning of the method.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

<PostSharp.Aspects.Internals.MethodExecutionAdviceOptimization
Attribute(MethodExecutionAdviceOptimizations.IgnoreGetMethod 0
-  MethodExecutionAdviceOptimizations.IgnoreSetFlowBehavior 0
-  MethodExecutionAdviceOptimizations.IgnoreGetArguments Or
-  MethodExecutionAdviceOptimizations.IgnoreSetArguments Or
-  MethodExecutionAdviceOptimizations.IgnoreGetInstance Or _
-  MethodExecutionAdviceOptimizations.IgnoreSetInstance Or _
-  MethodExecutionAdviceOptimizations.IgnoreGetException Or
-  MethodExecutionAdviceOptimizations.IgnoreGetReturnValue Or
-  MethodExecutionAdviceOptimizations.IgnoreSetReturnValue Or
-  MethodExecutionAdviceOptimizations.IgnoreGetMethodExecutionTag Or _
-  MethodExecutionAdviceOptimizations.IgnoreGetReturnValue Or
-  MethodExecutionAdviceOptimizations.IgnoreSetReturnValue Or
-  MethodExecutionAdviceOptimizations.IgnoreGetMethodExecutionTag Or
OnExit Method

Handler: Called at the end of the method. Stops profiling the method and logs the results.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration


Or _
    MethodExecutionAdviceOptimizations.IgnoreGetArguments Or

_    MethodExecutionAdviceOptimizations.IgnoreSetArguments Or

_    MethodExecutionAdviceOptimizations.IgnoreGetInstance Or _
    MethodExecutionAdviceOptimizations.IgnoreSetInstance Or _
    MethodExecutionAdviceOptimizations.IgnoreGetException Or

_    MethodExecutionAdviceOptimizations.IgnoreGetReturnValue Or

_    MethodExecutionAdviceOptimizations.IgnoreSetReturnValue Or

_    MethodExecutionAdviceOptimizations.IgnoreSetMethodExecutionTag Or _
    MethodExecutionAdviceOptimizations.IgnoreGetYieldValue Or

_    MethodExecutionAdviceOptimizations.IgnoreSetYieldValue Or

_    MethodExecutionAdviceOptimizations.IgnoreGetDeclarationIden

...
OnResume Method

Handler: Called whenever the state machine resumes. Calculates the amount of time the current thread was spent waiting for its turn with the CPU. This time spent blocked is the synchronous time.

Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

```
'Declaration

   MethodExecutionAdviceOptimizations.IgnoreSetFlowBehavior Or
   MethodExecutionAdviceOptimizations.IgnoreGetArguments Or
   MethodExecutionAdviceOptimizations.IgnoreSetArguments Or
   MethodExecutionAdviceOptimizations.IgnoreGetInstance Or
   MethodExecutionAdviceOptimizations.IgnoreSetInstance Or
   MethodExecutionAdviceOptimizations.IgnoreGetException Or
   MethodExecutionAdviceOptimizations.IgnoreGetReturnValue Or
   MethodExecutionAdviceOptimizations.IgnoreSetReturnValue Or
   MethodExecutionAdviceOptimizations.IgnoreSetMethodExecutionTag Or
   MethodExecutionAdviceOptimizations.IgnoreGetYieldValue Or
   MethodExecutionAdviceOptimizations.IgnoreGetStaticMethodExecutionTag Or
   MethodExecutionAdviceOptimizations.IgnoreSetStaticMethodExecutionTag)>
```
OnYield Method

Handler: Called whenever the state machine yields. Starts tracking the amount of time the current thread is waiting for its turn with the CPU. This time spent blocked is the synchronous time.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

ProfileAttribute.DuplicateOptions Enumeration

### Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

#### 'Declaration

```vbnet
<FlagsAttribute()>
Public Enum ProfileAttribute.DuplicateOptions
    Inherits System.Enum
```

#### 'Usage

```vbnet
Dim instance As ProfileAttribute.DuplicateOptions
```

#### [Flags()]

```csharp
public enum ProfileAttribute.DuplicateOptions : System.Enum
```

#### [Flags()]

```csharp
public enum class ProfileAttribute.DuplicateOptions : public System.Enum
```

### Members

<table>
<thead>
<tr>
<th>Member</th>
<th>Description</th>
</tr>
</thead>
</table>
ProfileAttribute.DuplicateOptions Enumeration

**Syntax**

- Visual Basic
- C#
- C++/CLI

**Declaration**

```vbnet
<FlagsAttribute()>
Public Enum ProfileAttribute.DuplicateOptions
  Inherits System.Enum
```

**Usage**

```vbnet
Dim instance As ProfileAttribute.DuplicateOptions
```

```csharp
[Flags()]
public enum ProfileAttribute.DuplicateOptions : System.Enum
```

```cpp
[Flags()]
public enum class ProfileAttribute.DuplicateOptions : public System.Enum
```

**Members**

<table>
<thead>
<tr>
<th>Member</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# MNG.Profiler.Collections Namespace

## Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="signalconcurrentqueue.png" alt="Image" /> SignalConcurrentQueue&lt;T&gt;</td>
<td>Concurrent queue that allows for events.</td>
</tr>
<tr>
<td><img src="signalconcurrentqueueeventargs.png" alt="Image" /> SignalConcurrentQueueEventArgs</td>
<td>List arguments for SignalConcurrentQueueHandler.</td>
</tr>
</tbody>
</table>

## Delegates

<table>
<thead>
<tr>
<th>Delegate</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="signalconcurrentqueuehandler.png" alt="Image" /> SignalConcurrentQueueHandler</td>
<td>SignalConcurrentQueue handler for enqueue and dequeue events.</td>
</tr>
</tbody>
</table>

## See Also

- Reference
  - MNG.Profiler Assembly

---

Send Feedback
SignalConcurrentQueue<T> Class

Concurrent queue that allows for events.

**Syntax**

- **Visual Basic**
  ```vbnet
  Public Class SignalConcurrentQueue(Of T)
  End Class
  ```

- **C#**
  ```csharp
  public class SignalConcurrentQueue<T>
  ```

- **C++/CLI**
  ```cpp
  public ref class SignalConcurrentQueue
  ```

**Type Parameters**

`T`
SignalConcurrentQueue<T> Class

Concurrent queue that allows for events.

- **Syntax**

  - **Visual Basic**
  - **C#**
  - **C++/CLI**

    `Declaration`

    ```
    Public Class SignalConcurrentQueue(Of T)
    ```

    `Usage`

    ```
    Dim instance As SignalConcurrentQueue(Of T)
    ```

    ```
    public class SignalConcurrentQueue<T>
    ```

    ```
    generic<typename T>
    public ref class SignalConcurrentQueue
    ```

- **Type Parameters**

  - `T`
SignalConcurrentQueue<T> Class Members

The following tables list the members exposed by SignalConcurrentQueue<T>.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>SignalConcurrentQueue&lt;T&gt; Constructor</code></td>
<td></td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>Count</code></td>
<td>Returns the number of items in the queue.</td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>Enqueue</code></td>
<td>Adds an item to the end of the queue.</td>
</tr>
<tr>
<td><code>TryDequeue</code></td>
<td>Attempts to pull an item from the front of the queue.</td>
</tr>
</tbody>
</table>

Protected Methods
SignalConcurrentQueue<T> Class Members

The following tables list the members exposed by SignalConcurrentQueue<T>.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SignalConcurrentQueue&lt;T&gt; Constructor</td>
<td></td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>Returns the number of items in the queue.</td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enqueue</td>
<td>Adds an item to the end of the queue.</td>
</tr>
<tr>
<td>TryDequeue</td>
<td>Attempts to pull an item from the front of the queue.</td>
</tr>
</tbody>
</table>
SignalConcurrentQueue<T> Constructor

Syntax

- **Visual Basic**
  ```vbs
  Public Function New() As SignalConcurrentQueue(Of T)
  ```

- **C#**
  ```csharp
  public SignalConcurrentQueue<T>()
  ```

- **C++/CLI**
  ```cpp
  public: SignalConcurrentQueue<T>();
  ```

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
SignalConcurrentQueue<T> Class

SignalConcurrentQueue(Of T)()

Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with...
SignalConcurrentQueue<T> Class Methods

For a list of all members of this type, see SignalConcurrentQueue<T> members.

Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enqueue</td>
<td>Adds an item to the end of the queue.</td>
</tr>
<tr>
<td>TryDequeue</td>
<td>Attempts to pull an item from the front of the queue.</td>
</tr>
</tbody>
</table>

Protected Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OnEnqueued</td>
<td>Fires all handlers registered to the Enqueued event.</td>
</tr>
<tr>
<td>OnTriedDequeue</td>
<td>Fires all handlers registered to the TriedDequeue event.</td>
</tr>
</tbody>
</table>

See Also

Reference

SignalConcurrentQueue<T> Class
MNG.Profiler.Collections Namespace
SignalConcurrentQueue<T> Class Methods

For a list of all members of this type, see SignalConcurrentQueue<T> members.

Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enqueue</td>
<td>Adds an item to the end of the queue.</td>
</tr>
<tr>
<td>TryDequeue</td>
<td>Attempts to pull an item from the front of the queue.</td>
</tr>
</tbody>
</table>

Protected Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OnEnqueued</td>
<td>Fires all handlers registered to the Enqueued event.</td>
</tr>
<tr>
<td>OnTriedDequeue</td>
<td>Fires all handlers registered to the TriedDequeue event.</td>
</tr>
</tbody>
</table>

See Also

Reference

SignalConcurrentQueue<T> Class
MNG.Profiler.Collections Namespace
Enqueue Method

Adds an item to the end of the queue.

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

**Declaration**

```vbnet
Public Overridable Sub Enqueue( _
    ByVal item As T _
)
```

**Usage**

```vbnet
Dim instance As SignalConcurrentQueue(Of T)
Dim item As T

instance.Enqueue(item)
```

```csharp
public virtual void Enqueue( 
    T item
)
```

```c++
public:
virtual void Enqueue( 
    T^ item
)
```
Method

end of the queue.

```csharp
le Sub Enqueue(_
    T _

SignalConcurrentQueue(Of T)

$item

oid Enqueue(

ueue(
```
OnEnqueued Method

Fires all handlers registered to the `Enqueued` event.

## Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

```vbnet
'Declaration

Protected Overridable Sub OnEnqueued(_
    ByVal newItem As T_
  )

'Usage

Dim instance As SignalConcurrentQueue(Of T)
Dim newItem As T

instance.OnEnqueued(newItem)

protected virtual void OnEnqueued(
    T newItem
  )

protected:
virtual void OnEnqueued(
    T^ newItem
  )
```
SignalConcurrentQueue<T> Class

**OnEnqueued Method**

Fires all handlers registered to the `Enqueued` event.

```csharp
Sub OnEnqueued( _
T _
signalConcurrentQueue(Of T)
newItem)
OnEnqueued(  )
```

```csharp
id OnEnqueued(  
```
OnTriedDequeue Method

Fires all handlers registered to the TriedDequeue event.

**Syntax**

- Visual Basic
- C#
- C++/CLI

**Declaration**

```vbnet
Protected Overridable Sub OnTriedDequeue( _
    ByVal newItem As T, _
    ByVal success As Boolean _
)
```

**Usage**

```vbnet
dim instance as SignalConcurrentQueue(Of T)
dim newItem as T
dim success as Boolean

instance.OnTriedDequeue(newItem, success)
```

```csharp
protected virtual void OnTriedDequeue(
    T newItem,
    bool success
)
```

```csharp
protected:
virtual void OnTriedDequeue(
)
```
SignalConcurrentQueue<T> Class

OnTriedDequeue Method

to the TriedDequeue event.

OnTriedDequeue(instance, newItem, success)
TryDequeue Method

Attempts to pull an item from the front of the queue.

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

**'Declaration**

```vbnet
Public Overridable Function TryDequeue( _
   ByVal item As T _
) As Boolean
```

**'Usage**

```vbnet
Dim instance As SignalConcurrentQueue(Of T)
Dim item As T
Dim value As Boolean

value = instance.TryDequeue(item)
```

```csharp
public virtual bool TryDequeue(
   out T item
)
```

```cpp
public:
virtual bool TryDequeue(
   [Out] T^ item
)
```
SignalConcurrentQueue<T> Class

TryDequeue Method

Attempts to pull an item from the front of the queue.

Function TryDequeue( _

SignalConcurrentQueue(Of T) queue

TryDequeue(item)

TryDequeue(}
SignalConcurrentQueue<T>
Class Properties

For a list of all members of this type, see SignalConcurrentQueue<T> members.

- **Public Properties**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>Returns the number of items in the queue.</td>
</tr>
</tbody>
</table>

**See Also**

Reference

- SignalConcurrentQueue<T> Class
- MNG.Profiler.Collections Namespace

Send Feedback
SignalConcurrentQueue<T> Class Properties

For a list of all members of this type, see SignalConcurrentQueue<T> members.

- **Public Properties**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>Returns the number of items in the queue.</td>
</tr>
</tbody>
</table>

- **See Also**

  Reference

  SignalConcurrentQueue<T> Class  
  MNG.Profiler.Collections Namespace
Count Property

Returns the number of items in the queue.

**Syntax**

- Visual Basic
- C#
- C++/CLI

**Declarations**

```vbnet
Public Readonly Property Count As Integer
```

**Usage**

```vbnet
Dim instance As SignalConcurrentQueue(Of T)
Dim value As Integer

value = instance.Count
```

```csharp
public int Count {get;}

public:
property int Count {
    int get();
}
```

**Requirements**
**Property**

er of items in the queue.

```csharp
public int Count
{
    get;
}
```
SignalConcurrentQueue<T>
Class Events

For a list of all members of this type, see SignalConcurrentQueue<T> members.

### Public Events

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enqueued</td>
<td>Event that occurs whenever the user enqueues and item.</td>
</tr>
<tr>
<td>TriedDequeue</td>
<td>Event that occurs whenever the user attempts to dequeue an item, regardless if it happened successfully or not.</td>
</tr>
</tbody>
</table>

### See Also

Reference

SignalConcurrentQueue<T> Class
MNG.Profiler.Collections Namespace
SignalConcurrentQueue<T> Class Events

For a list of all members of this type, see SignalConcurrentQueue<T> members.

- **Public Events**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✨ Enqueued</td>
<td>Event that occurs whenever the user enqueues and item.</td>
</tr>
<tr>
<td>✨ TriedDequeue</td>
<td>Event that occurs whenever the user attempts to dequeue an item, regardless if it happened successfully or not.</td>
</tr>
</tbody>
</table>

- **See Also**

Reference

SignalConcurrentQueue<T> Class
MNG.Profiler.Collections Namespace
Enqueued Event

Event that occurs whenever the user enqueues an item.

### Syntax

#### Visual Basic

```vbnet
Public Event Enqueued As Signal Concurrent Queue Handler
```

#### C#

```csharp
public event Signal Concurrent Queue Handler Enqueued
```

#### C++/CLI

```cpp
public:
    event Signal Concurrent Queue Handler^ Enqueued
```

### Event Data

The event handler receives an argument of type `Signal Concurrent Queue Event Args` containing data related to this event.
Event

Whenever the user enqueues an item.

```csharp
Enqueued As SignalConcurrentQueueHandler
SignalConcurrentQueue(Of T) SignalConcurrentQueueHandler
Enqueued, handler
```

The event handler receives an argument of type `SignalConcurrentQueueEventArgs` containing data related to this event.
TriedDequeue Event

Event that occurs whenever the user attempts to dequeue an item, regardless if it happened successfully or not.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Event TriedDequeue As SignalConcurrentQueueHandler

'Usage

Dim instance As SignalConcurrentQueue(Of T)
Dim handler As SignalConcurrentQueueHandler

AddHandler instance.TriedDequeue, handler

Public event SignalConcurrentQueueHandler TriedDequeue

public:

event SignalConcurrentQueueHandler^ TriedDequeue

Event Data

The event handler receives an argument of type
SignalConcurrentQueue<T> Class

TriedDequeue Event

ever the user attempts to dequeue an item, succeeded successfully or not.

SignalConcurrentQueue As SignalConcurrentQueueHandler

SignalConcurrentQueue(Of T) SignalConcurrentQueueHandler

.TriedDequeue, handler

ConcurrentQueueHandler TriedDequeue

ConcurrentQueueHandler^ TriedDequeue

receives an argument of type
SignalConcurrentQueueEventArgs Class

List arguments for SignalConcurrentQueueHandler.

Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

'\Declaration

```vbnet
Public NotInheritable Class SignalConcurrentQueueEventArgs
    Inherits System.EventArgs
End Class
```

'\Usage

```vbnet
Dim instance As SignalConcurrentQueueEventArgs
```

```csharp
public sealed class SignalConcurrentQueueEventArgs : System.EventArgs
```

```cpp
public ref class SignalConcurrentQueueEventArgs sealed : public System.EventArgs
```

Inheritance Hierarchy
MNG.Profiler.Collections Namespace: SignalConcurrentQueueEventArgs Class

Arguments for SignalConcurrentQueueHandler.

**Syntax**

**Visual Basic**
```vbnet
# ...
++/CLI
```

**Declaration**

```vbnet
Public NotInheritable Class SignalConcurrentQueueEventArgs
    Inherits System.EventArgs
End Class
```

**Usage**

```vbnet
Dim instance As SignalConcurrentQueueEventArgs
```

```vbnet
Public sealed class SignalConcurrentQueueEventArgs : System.EventArgs
```

```vbnet
Public ref class SignalConcurrentQueueEventArgs sealed : public System.EventArgs
```

**Inheritance Hierarchy**
SignalConcurrentQueueEventArgs Class Members

The following tables list the members exposed by `SignalConcurrentQueueEventArgs`.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🔄 <code>SignalConcurrentQueueEventArgs Constructor</code></td>
<td>Create an instance of the signal concurrent queue event arguments.</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>📊 <code>Item</code></td>
<td>Object that has been enqueued or dequeued.</td>
</tr>
<tr>
<td>🎫 <code>Success</code></td>
<td>Indicate whether the operation the event was raised for succeeded or not.</td>
</tr>
</tbody>
</table>
SignalConcurrentQueueEventArgs Class Members

The following tables list the members exposed by `SignalConcurrentQueueEventArgs`.

**Public Constructors**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>SignalConcurrentQueueEventArgs Constructor</code></td>
<td>Create an instance of the signal concurrent queue event arguments.</td>
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</tbody>
</table>

**Public Properties**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item</td>
<td>Object that has been enqueued or dequeued.</td>
</tr>
<tr>
<td>Success</td>
<td>Indicate whether the operation the event was raised for succeeded or not.</td>
</tr>
</tbody>
</table>
SignalConcurrentQueueEventArgs Constructor

Create an instance of the signal concurrent queue event arguments.

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

```vbnet
'Declaration

Public Function New( _
    ByVal item As Object, _
    Optional ByVal success As Boolean _
)"

'Usage

Dim item As Object
Dim success As Boolean

Dim instance As New SignalConcurrentQueueEventArgs(item, success)
```

```csharp
public SignalConcurrentQueueEventArgs(
    object item,
    bool success
)
```
Create an instance of the signal concurrent queue event arguments.
## SignalConcurrentQueueEventArgs Class Properties

For a list of all members of this type, see SignalConcurrentQueueEventArgs members.

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item</td>
<td>Object that has been enqueued or dequeued.</td>
</tr>
<tr>
<td>Success</td>
<td>Indicate whether the operation the event was raised for succeeded or not.</td>
</tr>
</tbody>
</table>

### See Also

Reference

- SignalConcurrentQueueEventArgs Class
- MNG.Profiler.Collections Namespace

Send Feedback
SignalConcurrentQueueEventArgs Class

List of all members of this type, see SignalConcurrentQueueEventArgs members.

Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item</td>
<td>Object that has been enqueued or dequeued.</td>
</tr>
<tr>
<td>Success</td>
<td>Indicate whether the operation the event was raised for succeeded or not.</td>
</tr>
</tbody>
</table>

See Also

Reference

SignalConcurrentQueueEventArgs Class

Profiler.Collections Namespace
Item Property
(SignalConcurrentQueueEventArgs)

Object that has been enqueued or dequeued.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public ReadOnly Property Item As Object

'Usage

Dim instance As SignalConcurrentQueueEventArgs
Dim value As Object

value = instance.Item

public object Item {get;}

public:
property Object^ Item {
    Object^ get();
}
Property Item As Object

 SIGNALCONCURRENTQUEUEEVENTARGS :  

 Property Item { 
  get;  
  }
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Fully Generated Property Pages

- `ApplyToStateMachine Property`  
- `AspectPriority Property`  
- `AttributeExclude Property`  
- `AttributeId Property`  
- `AttributeInheritance Property`  
- `AttributePriority Property`  
- `AttributeReplace Property`  
- `AttributeTargetAssemblies Property`  
- `AttributeTargetElements Property`  
- `AttributeTargetExternalMemberAttributes Property`  
- `AttributeTargetExternalTypeAttributes Property`  
- `AttributeTargetMemberAttributes Property`  
- `AttributeTargetMembers Property`  
- `AttributeTargetParameterAttributes Property`  
- `AttributeTargetParameters Property`  
- `AttributeTargetTypeAttributes Property`  
- `AttributeTargetTypes Property`  
- `SerializerType Property`  
- `Count Property`  
- `Item Property (SignalConcurrentQueueEventArgs)`
SignalConcurrentQueueHandler Delegate

SignalConcurrentQueue handler for enqueue and dequeue events.

## Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

### 'Declaration

```vbnet
Public Delegate Sub SignalConcurrentQueueHandler( _
    ByVal sender As Object, _
    ByVal e As SignalConcurrentQueueEventArgs _
)
```

### 'Usage

```vbnet
Dim instance As New SignalConcurrentQueueHandler(AddressOf HandlerMethod)
```

```csharp
public delegate void SignalConcurrentQueueHandler(
    object sender,
    SignalConcurrentQueueEventArgs e
)
```

```csharp
public delegate void SignalConcurrentQueueHandler(
    Object^ sender, 
    SignalConcurrentQueueEventArgs^ e
)
```
SignalConcurrentQueueHandler Delegate

**ConcurrentQueue** handler for enqueue and dequeue events.

**Syntax**

**Visual Basic**
```vbnet
Public Delegate Sub SignalConcurrentQueueHandler( _
    ByVal sender As Object, _
    ByVal e As SignalConcurrentQueueEventArgs _
)
```

**C#**
```csharp
public delegate void SignalConcurrentQueueHandler(
    object sender, 
    SignalConcurrentQueueEventArgs e
)
```

**C++/CLI**
```cpp
public delegate void SignalConcurrentQueueHandler(
    Object^ sender, 
    SignalConcurrentQueueEventArgs^ e
)
```
MNG.Profiler.Controllers Namespace

*Classes*

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProfileController</td>
<td>Allows the profiler to log profile data to a data source.</td>
</tr>
</tbody>
</table>

*See Also*

Reference

MNG.Profiler Assembly
ProfileController Class

Allows the profiler to log profile data to a data source.

### Object Model

```
ProfileController
  Instance (ProfileController)
```

### Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

#### Declaration

```vbnet
Public Class ProfileController
```

#### Usage

```vbnet
Dim instance As ProfileController
```

```csharp
public class ProfileController
```

```csharp
public ref class ProfileController
```
ProfileController Class Members

The following tables list the members exposed by ProfileController.

▲ Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProfileController Constructor</td>
<td>Creates an instance of the controller.</td>
</tr>
</tbody>
</table>

▲ Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instance</td>
<td>Grabs singleton instance of the profile controller.</td>
</tr>
</tbody>
</table>

▲ Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LogEvent</td>
<td>Logs a user described performance event.</td>
</tr>
</tbody>
</table>

▲ See Also

Reference
ProfileController Constructor

Creates an instance of the controller.

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

### 'Declaration

```
Public Function New()
```

### 'Usage

```
Dim instance As New ProfileController()
```

```
public ProfileController()
```

```
public:
ProfileController();
```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
ProfileController Constructor

The constructor of the controller.

```csharp
New()

New ProfileController()

controller();
```

Requirements:

- Windows 7, Windows Vista SP1 or later,
- Windows Server 2008 (Server Core not supported),
- Windows Server 2008 R2 (Server Core not supported),
- Windows Server 2003 SP2
ProfileController Class Methods

For a list of all members of this type, see ProfileController members.

- **Public Methods**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌟 LogEvent</td>
<td>Logs a user described performance event.</td>
</tr>
</tbody>
</table>

See Also

Reference

- ProfileController Class
- MNG.Profiler.Controllers Namespace

Send Feedback
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Fully Generated Method Pages

- CompileTimeInitialize Method
- CompileTimeValidate Method
- CreateAspectConfiguration Method
- GetAspectConfiguration Method
- OnEntry Method
- OnException Method
- OnExit Method
- OnResume Method
- OnSuccess Method
- OnYield Method
- RuntimeInitialize Method
- SetAspectConfiguration Method
- CompileTimeValidate(MethodBase) Method
- CompileTimeValidate(Object) Method
- SetAspectConfiguration(AspectConfiguration,MethodBase) Method
- SetAspectConfiguration(AspectConfiguration,Object) Method
- Enqueue Method
- OnEnqueued Method
- OnTriedDequeue Method
- TryDequeue Method
ProfileController Class Properties

For a list of all members of this type, see ProfileController members.

▶ Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instance</td>
<td>Grabs singleton instance of the profile controller.</td>
</tr>
</tbody>
</table>

▶ See Also

Reference

ProfileController Class
MNG.Profiler.Controllers Namespace

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- `AttributeTargetExternalTypeAttributes Property`
- `AttributeTargetMemberAttributes Property`
- `AttributeTargetMembers Property`
- `AttributeTargetParameterAttributes Property`
- `AttributeTargetParameters Property`
- `AttributeTargetTypeAttributes Property`
- `AttributeTargetTypes Property`
- `SerializerType Property`
- `Count Property`
- `Item Property (SignalConcurrentQueueEventArgs)`
MNG.Profiler.Data Namespace

Enumerations

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDataProviderType</td>
<td>Indicates the type of data source is being used.</td>
</tr>
</tbody>
</table>

See Also

Reference

MNG.Profiler Assembly
MNG.Profiler.Data Namespace: EDataProviderType Enumeration

EDataProviderType Enumeration

 Indicates the type of data source is being used.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

<FlagsAttribute()>
Public Enum EDataProviderType
    Inherits System.Enum

'Usage

Dim instance As EDataProviderType

[Flags()]
public enum EDataProviderType : System_ENUM

[Flags()]
public enum class EDataProviderType : public System_ENUM

Members

<table>
<thead>
<tr>
<th>Member</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADO</td>
<td>ADO_NET</td>
</tr>
</tbody>
</table>
MNG.Profiler.Data.ADO
Namespace

### Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>dbContext</strong></td>
<td>Database context for accessing and executing commands with an ADO.NET connection.</td>
</tr>
<tr>
<td><strong>UnitOfWork</strong></td>
<td>Allows a user to access and perform tasks on a data source.</td>
</tr>
</tbody>
</table>

### See Also

Reference

MNG.Profiler Assembly

Send Feedback
DBContext Class

Database context for accessing and executing commands with an ADO.NET connection.

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

'**Declaration**

```vbnet
Public NotInheritable Class DBContext

**Usage**
```

```csharp
Dim instance As DBContext
```

```c++
public sealed class DBContext
```

```c++
public ref class DBContext sealed
```

**Inheritance Hierarchy**

- **System.Object**
  - **MNG.Profiler.Data.ADO.DBContext**
DBContext Class Members

The following tables list the members exposed by DBContext.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DBContext Constructor</td>
<td>Creates an instance of this ADO.NET database context and attempts to access the database via connection string.</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApplicationName</td>
<td>Gets or sets the application name that will be associated with the DB connection.</td>
</tr>
<tr>
<td>ConnectionString</td>
<td>Grabs the connection string established in App.config. Allows overriding of the application name and connection timeout.</td>
</tr>
<tr>
<td>ConnectionTimeout</td>
<td>Gets or sets the connection timeout. Allows for overriding the default value in the connection string.</td>
</tr>
</tbody>
</table>
DBContext Constructor

Creates an instance of this ADO.NET database context and attempts to access the database via connection string.

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

'**Declaration**

```vbnet
Public Function New( _
    Optional ByVal applicationName As String, _
    Optional ByVal connectionTimeout As Nullable(Of Integer) _
) _
```

'**Usage**

```vbnet
Dim applicationName As String
Dim connectionTimeout As Nullable(Of Integer)

Dim instance As New DBContext(applicationName, connectionTimeout)
```

```csharp
public DBContext(
    string applicationName,
    Nullable<int> connectionTimeout
)
```

```cpp
public:
```
Context Constructor

This constructor creates an instance of this ADO.NET database context and attempts to access the database via connection string.

Visual Basic

```vbnet
Public Function New(
    Optional ByVal applicationName As String,
    Optional ByVal connectionTimeout As Nullable(Of Integer)) As New DBContext(applicatio
```
MNG.Profiler.Data.ADO Namespace : DBContext Class

DBContext Class Methods

For a list of all members of this type, see DBContext members.

▲ Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CreateCommand</td>
<td>Creates a command that can be set and executed against the database.</td>
</tr>
<tr>
<td>Dispose</td>
<td>Disposes of open/living constructs before relinquishing the context to the GC.</td>
</tr>
<tr>
<td>SaveChanges</td>
<td>Save changes made to the data.</td>
</tr>
</tbody>
</table>

▲ See Also

Reference

DBContext Class
MNG.Profiler.Data.ADO Namespace

Send Feedback
Fully Generated Method Pages

CompileTimeInitialize Method
CompileTimeValidate Method
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GetAspectConfiguration Method
OnEntry Method
OnException Method
OnExit Method
OnResume Method
OnSuccess Method
OnYield Method
RuntimeInitialize Method
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- SetAspectConfiguration Method
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- SetAspectConfiguration(AspectConfiguration,MethodBase) Method
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- Enqueue Method
- OnEnqueued Method
- OnTriedDequeue Method
- TryDequeue Method
DBContext Class Properties

For a list of all members of this type, see DBContext members.

Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApplicationName</td>
<td>Gets or sets the application name that will be associated with the DB connection.</td>
</tr>
<tr>
<td>ConnectionString</td>
<td>Grabs the connection string established in App.config. Allows overriding of the application name and connection timeout.</td>
</tr>
<tr>
<td>ConnectionTimeout</td>
<td>Gets or sets the connection timeout. Allows for overriding the default value in the connection string.</td>
</tr>
</tbody>
</table>

See Also

Reference

DBContext Class
MNG.Profiler.Data.ADO Namespace
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- AspectPriority Property
- AttributeExclude Property
- AttributeId Property
- AttributeInheritance Property
- AttributePriority Property
- AttributeReplace Property
- AttributeTargetAssemblies Property
- AttributeTargetElements Property
- AttributeTargetExternalMemberAttributes Property
- AttributeTargetExternalTypeAttributes Property
- AttributeTargetMemberAttributes Property
- AttributeTargetMembers Property
- AttributeTargetParameterAttributes Property
- AttributeTargetParameters Property
- AttributeTargetTypeAttributes Property
- AttributeTargetTypes Property
- SerializerType Property
- Count Property
- Item Property (SignalConcurrentQueueEventArgs)
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- `AttributeInheritance Property`  
- `AttributePriority Property`  
- `AttributeReplace Property`  
- `AttributeTargetAssemblies Property`  
- `AttributeTargetElements Property`  
- `AttributeTargetExternalMemberAttributes Property`  
- `AttributeTargetExternalTypeAttributes Property`  
- `AttributeTargetMembers Property`  
- `AttributeTargetParameterAttributes Property`  
- `AttributeTargetParameters Property`  
- `AttributeTargetTypeAttributes Property`  
- `AttributeTargetTypes Property`  
- `SerializerType Property`  
- `Count Property`  
- `Item Property` (SignalConcurrentQueueEventArgs)
Fully Generated Property Pages

- **ApplyToStateMachine Property**
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- **AttributeTargetParameters Property**
- **AttributeTargetTypeAttributes Property**
- **AttributeTargetTypes Property**
- **SerializerType Property**
- **Count Property**
- **Item Property (SignalConcurrentQueueEventArgs)**
MNG.Direct Documentation

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MNG.Profiler.Data.ADO Namespace : UnitOfWork Class

UnitOfWork Class

Allows a user to access and perform tasks on a data source.

Object Model

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Class UnitOfWork
    Implements MNG.Profiler.Data.Core.IUnitOfWork

'Usage

Dim instance As UnitOfWork

public class UnitOfWork : MNG.Profiler.Data.Core.IUnitOfWork

public ref class UnitOfWork : public MNG.Profiler.Data.Core.IUnitOfWork
UnitOfWork Class Members

The following tables list the members exposed by `UnitOfWork`.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="UnitOfWork Constructor" /></td>
<td>Overloaded.</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="ApplicationInstances" /></td>
<td>Repository of application instances.</td>
</tr>
<tr>
<td><img src="image" alt="PerformanceEvents" /></td>
<td>Repository of performance events.</td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Complete" /></td>
<td>Conclude any work done with the data and apply the changes.</td>
</tr>
<tr>
<td><img src="image" alt="Dispose" /></td>
<td>Overloaded. Disposes of the open/living constructs of this implementation.</td>
</tr>
</tbody>
</table>
UnitOfWork Constructor

Overload List

<table>
<thead>
<tr>
<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UnitOfWork Constructor()</td>
<td>Creates an object the user can use to perform a task on data.</td>
</tr>
<tr>
<td>UnitOfWork Constructor(DBContext)</td>
<td>Creates a unit of work with a user-specified context. The user can use the context to interact with the underlying data.</td>
</tr>
</tbody>
</table>

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

UnitOfWork Class
UnitOfWork Members
UnitOfWork Constructor

<table>
<thead>
<tr>
<th>Overload</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>UnitOfWork()</code></td>
<td>Creates an object the user can use to perform a task on data.</td>
</tr>
<tr>
<td><code>UnitOfWork(DBContext)</code></td>
<td>Creates a unit of work with a user-specified context. The user can use the context to interact with the underlying data.</td>
</tr>
</tbody>
</table>

Requirements

**Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

Also

- `UnitOfWork` Class
- `UnitOfWork` Members
- `UnitOfWork` Requirements
- `UnitOfWork` See Also
UnitOfWork Constructor()

Creates an object the user can use to perform a task on data.

▲ Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Function New()

'Usage

Dim instance As New UnitOfWork()

public UnitOfWork()

public:
UnitOfWork();

▲ Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
UnitOfWork Constructor

Creates an object the user can use to perform a task on data.

Windows 7, Windows Vista SP1 or later,
Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
UnitOfWork Constructor(DBContext)

Creates a unit of work with a user-specified context. The user can use the context to interact with the underlying data.

**Syntax**

- Visual Basic
- C#
- C++/CLI

```vbnet
'Declaration
Public Function New( _
    ByVal context As DBContext _
)"

'Usage
Dim context As DBContext
Dim instance As New UnitOfWork(context)

public UnitOfWork(    
    DBContext context
)

public:
    UnitOfWork(
    DBContext context)
```
UnitOfWork Constructor

UnitOfWork Constructor (DbContext)

Creates a unit of work with a user-specified context. The user can use the context to interact with the underlying data.
UnitOfWork Class Methods

For a list of all members of this type, see UnitOfWork members.

**Public Methods**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌳 Complete</td>
<td>Conclude any work done with the data and apply the changes.</td>
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<tr>
<td>🌳 Dispose</td>
<td>Overloaded. Disposes of the open/living constructs of this implementation.</td>
</tr>
</tbody>
</table>

**See Also**

Reference

UnitOfWork Class
MNG.Profiler.Data.ADO Namespace
Fully Generated Method Pages

- CompileTimeInitialize Method
- CompileTimeValidate Method
- CreateAspectConfiguration Method
- GetAspectConfiguration Method
- OnEntry Method
- OnException Method
- OnExit Method
- OnResume Method
- OnSuccess Method
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SetAspectConfiguration(AspectConfiguration,MethodBase) Method
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Enqueue Method
OnEnqueued Method
OnTriedDequeue Method
TryDequeue Method
UnitOfWork Class Properties

For a list of all members of this type, see UnitOfWork members.

- **Public Properties**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApplicationInstances</td>
<td>Repository of application instances.</td>
</tr>
<tr>
<td>PerformanceEvents</td>
<td>Repository of performance events.</td>
</tr>
</tbody>
</table>

- **See Also**

Reference

UnitOfWork Class

MNG.Profiler.Data.ADO Namespace

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AttributeTargetParameterAttributes Property
AttributeTargetParameters Property
AttributeTargetTypeAttributes Property
AttributeTargetTypes Property
SerializerType Property
Count Property
Item Property (SignalConcurrentQueueEventArgs)
MNG.Profiler.Data.ADO.Extension Namespace

Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDataRecordExtensions</td>
<td>Provides additional functionality to System.Data.IDataRecord. Allows for checking if a column exists and mapping a record to a user type.</td>
</tr>
</tbody>
</table>

See Also

Reference

MNG.Profiler Assembly

Send Feedback
IDataRecordExtensions Class

Provides additional functionality to System.Data.IDataRecord. Allows for checking if a column exists and mapping a record to a user type.

### Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

```vbnet
'Declaration
<ExtensionAttribute()>
Public MustInherit NotInheritable Class IDataRecordExtensions

'Usage
Dim instance As IDataRecordExtensions

[Extension()]
public static class IDataRecordExtensions

[Extension()]
public ref class IDataRecordExtensions abstract sealed
```

### Inheritance Hierarchy

System.Object
MNG.Profiler.Data.ADO.Extensions Namespace : IDataRecordExtensions

**DataRecordExtensions Class**

Provides additional functionality to System.Data.IDataRecord. Allows checking if a column exists and mapping a record to a user type.

**Syntax**

Visual Basic

```vbnet
#<br> Public MustInherit NotInheritable Class IDataRecordExtensions
```

C#

```csharp
public static class IDataRecordExtensions
```

C++/CLI

```cpp
public ref class IDataRecordExtensions abstract sealed
```

**Inheritance Hierarchy**

```
System.Object
```
MNG.DIRECT Documentation

METHODS	COLLAPSE ALL
MEMBERS OPTIONS: SHOW ALL

MNG.Profiler.Data.ADO.Extensions Namespace : IDataRecordExtensions

IDataRecordExtensions Class

Members

The following tables list the members exposed by IDataRecordExtensions.

▶ Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>💢 S HasColumn</td>
<td>Checks if a named column exists in the data record.</td>
</tr>
<tr>
<td>💢 S MapType&lt;T&gt;</td>
<td>Maps a data record to a specified user type. It will attempt to populate properties that have matching column names from the data record.</td>
</tr>
</tbody>
</table>

▶ See Also

Reference

IDataRecordExtensions Class
MNG.Profiler.Data.ADO.Extensions Namespace

Send Feedback
DataRecordExtensions Class Members

The following tables list the members exposed by DataRecordExtensions.

**Public Methods**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HasColumn</td>
<td>Checks if a named column exists in the data record.</td>
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</tbody>
</table>

See Also

Reference

MNG.Profiler.Data.ADO.Extensions Class
MNG.Profiler.Data.ADO.Extensions Namespace
IDataRecordExtensions Class

Methods

For a list of all members of this type, see IDataRecordExtensions members.

Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="https://placehold.it/16x16" alt="" /></td>
<td>HasColumn</td>
</tr>
<tr>
<td><img src="https://placehold.it/16x16" alt="" /></td>
<td>MapType&lt;T&gt;</td>
</tr>
</tbody>
</table>

See Also

Reference

IDataRecordExtensions Class
MNG.Profiler.Data.ADO.Extensions Namespace

Send Feedback
MNG.Profiler.Data.ADO.Extensions Namespace : IDataRecordExtensions

IDataRecordExtensions Class

List of all members of this type, see `IDataRecordExtensions`.

Public Methods

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<tr>
<th>Name</th>
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<td>MapType&lt;T&gt;</td>
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</tbody>
</table>

See Also

Reference

`IDataRecordExtensions Class`

`.Profiler.Data.ADO.Extensions Namespace`

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- SetAspectConfiguration
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SetAspectConfiguration(AspectConfiguration,MethodBase) Method
SetAspectConfiguration(AspectConfiguration,Object) Method
Enqueue Method
OnEnqueued Method
OnTriedDequeue Method
TryDequeue Method
MNG.Profiler.Data.ADO.Repositories Namespace

### Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApplicationInstanceRepository</td>
<td>Repository for accessing application instance records.</td>
</tr>
<tr>
<td>PerformanceEventRepository</td>
<td>Base control layer for accessing and interacting with database objects via ADO context.</td>
</tr>
<tr>
<td>Repository&lt;T&gt;</td>
<td>Base control layer for accessing and interacting with database objects via ADO context.</td>
</tr>
</tbody>
</table>

### See Also

Reference

MNG.Profiler Assembly

Send Feedback
ApplicationInstanceRepository Class

Repository for accessing application instance records.

## Object Model

![Diagram of ApplicationInstanceRepository]

## Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

```vbnet
'Declaration

Public Class ApplicationInstanceRepository
    Inherits MNG.Profiler.Data.ADO.Repositories.Repository(Of ApplicationInstance)

'Usage

Dim instance As ApplicationInstanceRepository
```
MNG.Profiler.Data.ADO.Repositories Namespace: ApplicationInstanceRepository

accessing application instance records.

Model

```csharp
Class ApplicationInstanceRepository
    Inherits MNG.Profiler.Data.ADO.Repositories.Repository(Of ApplicationInstance)
```

sic
## ApplicationInstanceRepository

**Class Members**

The following tables list the members exposed by `ApplicationInstanceRepository`.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>☀️ ApplicationInstanceRepository Constructor</td>
<td>Creates an instance of the repository.</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>⚖️ Item</td>
<td>Attempts to get or set a repository record based using a known ID. (Inherited from <code>MNG.Profiler.Data.ADO.Repositories.Repository&lt;ApplicationInstance&gt;</code>)</td>
</tr>
</tbody>
</table>

### Protected Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>⚖️ Context</td>
<td>Gets the database context for the repository</td>
</tr>
</tbody>
</table>
Members

Constructors

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApplicationInstanceRepository Constructor</td>
<td>Creates an instance of the repository.</td>
</tr>
</tbody>
</table>

Properties

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Get a repository record based using a known ID.</td>
<td>(Inherited from MNG.Profiler.Data.ADO.Repositories.Reposito&lt;ApplicationInstance&gt;)</td>
</tr>
</tbody>
</table>

Protected Properties

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Get the database context for the repository.</td>
<td></td>
</tr>
</tbody>
</table>
ApplicationInstanceRepository
Constructor

Creates an instance of the repository.

Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

```'Declaration
Public Function New(_
    ByVal context As DBContext _
) _

'Usage
Dim context As DBContext

Dim instance As New ApplicationInstanceRepository(context)

public ApplicationInstanceRepository(
    DBContext context
)

public:
ApplicationInstanceRepository(
    DBContext^ context
)```
ionInstanceRepository Class
ApplicationInstanceRepository

Class Methods

For a list of all members of this type, see ApplicationInstanceRepository members.

Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add</td>
<td>Overridden. Adds a single specified record to the repository.</td>
</tr>
<tr>
<td>AddRange</td>
<td>Overridden. Adds a list of specified entities to the repository.</td>
</tr>
<tr>
<td>Find</td>
<td>Overridden. Gets all records that satisfy user-defined criteria.</td>
</tr>
<tr>
<td>GetAll</td>
<td>Overridden. Gets all records for the current repository.</td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
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</tr>
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</tr>
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</tbody>
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- TryDequeue Method
PerformanceEventRepository Class

Object Model

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Class PerformanceEventRepository
    Inherits MNG.Profiler.Data.ADO.Repositories.Repository(Of PerformanceEvent)

'Usage

Dim instance As PerformanceEventRepository
MNG.Profiler.Data.ADO.Repositories Namespace : PerformanceEventRepository

Model

```csharp
class PerformanceEventRepository
inheres MNG.Profiler.Data.ADO.Repositories.Repository(Of PerformanceEvent)
implements MNG.Profiler.Data.Core.Repositories.IPerformanceEventRepository,
MNG.Profiler.Data.Core.Repositories.IRepository(Of PerformanceEvent)

```

```csharp
On

ss PerformanceEventRepository
s MNG.Profiler.Data.ADO.Repositories.Repository(Of PerformanceEvent)
nts MNG.Profiler.Data.Core.Repositories.IPerformanceEventRepository,
MNG.Profiler.Data.Core.Repositories.IRepository(PerformanceEvent)

```

```csharp
As PerformanceEventRepository

```
PerformanceEventRepository

Class Members

The following tables list the members exposed by PerformanceEventRepository.

Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🐳</td>
<td>PerformanceEventRepository Constructor</td>
</tr>
</tbody>
</table>

Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>📚</td>
<td>Item</td>
</tr>
</tbody>
</table>

Protected Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🕵️</td>
<td>Context</td>
</tr>
</tbody>
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MNG.Profiler.Data.ADO.Repositories Namespace: PerformanceEventRepository

Members

tables list the members exposed by PerformanceEventRepository.

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<tr>
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<td>PerformanceEventRepository Constructor</td>
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</table>

Properties

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<tr>
<td>Attempts to get or set a repository record based using a known ID. (Inherited from MNG.Profiler.Data.ADO.Repositories.Repository&lt;PerformanceEvent&gt;)</td>
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Protected Properties

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</tr>
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</table>
PerformanceEventRepository

Constructor

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Function New( _
   ByVal context As DBContext _
) 

'Usage

Dim context As DBContext

Dim instance As New PerformanceEventRepository(context)

public PerformanceEventRepository(
    DBContext context
)

class PerformanceEventRepository

    public: 
    PerformanceEventRepository(
        DBContext^ context
    )
PerformanceEventRepository Class
PerformanceEventRepository

Class Methods

For a list of all members of this type, see PerformanceEventRepository members.

✈ Public Methods

<table>
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</tr>
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<td>➕ Find</td>
<td>Overridden. Gets all records that satisfy user-defined criteria.</td>
</tr>
<tr>
<td>➕ GetAll</td>
<td>Overridden. Gets all records for the current repository.</td>
</tr>
<tr>
<td>➕ GetLogEventsByApplicationInstance</td>
<td>Overridden. Removes a single specified record from the repository.</td>
</tr>
<tr>
<td>➕ Remove</td>
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Repository<T> Class

Base control layer for accessing and interacting with database objects via ADO context.

Object Model

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

<DefaultMemberAttribute("Item")>
Public MustInherit Class Repository(Of T As Class)
    Implements MNG.Profiler.Data.Core.Repositories.IRepository(Of T)
'Usage

Dim instance As Repository(Of T)
**Repository<T> Class**

Base control layer for accessing and interacting with database objects via ADO context.

**Object Model**

```
<DefaultMemberAttribute("Item")>
Public MustInherit Class Repository(Of T As Class)
   Implements MNG.Profiler.Data.Core.Repositories.IRepository(Of T)
```

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

**'Declaration**

```vbnet
<DefaultMemberAttribute("Item")>
Public MustInherit Class Repository(Of T As Class)
   Implements MNG.Profiler.Data.Core.Repospositories.IRepository(Of T)
```

**'Usage**

```vbnet
Dim instance As Repository(Of T)
```
Repository<T> Class Members

The following tables list the members exposed by Repository<T>.

- **Protected Fields**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DateTimeFormat</td>
<td></td>
</tr>
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- **Public Properties**

<table>
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<td>Item</td>
<td>Attempts to get or set a repository record based using a known ID.</td>
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Repository<T> Class Methods

For a list of all members of this type, see Repository<T> members.

### Public Methods

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<td>Attempts to find a single record that satisfies user-defined criteria. Default value is passed if no record is found.</td>
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</tbody>
</table>

### Protected Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GetValue</td>
<td>Attempts to get a repository record using its ID.</td>
</tr>
</tbody>
</table>
Repository<T> Class Methods

For a list of all members of this type, see Repository<T> members.

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add</td>
<td>Adds a single specified record to the repository.</td>
</tr>
<tr>
<td>AddRange</td>
<td>Adds a list of specified entities to the repository.</td>
</tr>
<tr>
<td>Find</td>
<td>Gets all records that satisfy user-defined criteria.</td>
</tr>
<tr>
<td>GetAll</td>
<td>Gets all records for the current repository.</td>
</tr>
<tr>
<td>Remove</td>
<td>Removes a single specified record from the repository.</td>
</tr>
<tr>
<td>RemoveRange</td>
<td>Removes a list of specified entities from the repository.</td>
</tr>
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Repository<T> Class Properties

For a list of all members of this type, see Repository<T> members.

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</tr>
</thead>
<tbody>
<tr>
<td>Item</td>
<td>Attempts to get or set a repository record based using a known ID.</td>
</tr>
</tbody>
</table>

Protected Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Context</td>
<td>Gets the database context for the repository.</td>
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</table>

See Also

Reference

Repository<T> Class
MNG.Profiler.Data.ADO.Repositories Namespace

Send Feedback
Repository<T> Class Properties

For a list of all members of this type, see Repository<T> members.

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- AttributePriority Property
- AttributeReplace Property
- AttributeTargetAssemblies Property
- AttributeTargetElements Property
- AttributeTargetExternalMemberAttributes Property
- AttributeTargetExternalTypeAttributes Property
- AttributeTargetMemberAttributes Property
- AttributeTargetMembers Property
- AttributeTargetParameterAttributes Property
- AttributeTargetParameters Property
- AttributeTargetTypeAttributes Property
- AttributeTargetTypes Property
- SerializerType Property
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Count Property
Item Property (SignalConcurrentQueueEventArgs)
Repository<T> Class Fields

For a list of all members of this type, see Repository<T> members.

▲ Protected Fields

<table>
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<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DateTimeFormat</td>
<td></td>
</tr>
</tbody>
</table>

See Also

Reference

Repository<T> Class
MNG.Profiler.Data.ADO.Repositories Namespace

Send Feedback
Repository<T> Class Fields

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- **Protected Fields**

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</table>

See Also

Reference

Repository<T> Class
MNG.Profiler.Data.ADO.Repositories Namespace

Send Feedback
DateTimeFormat Field

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

```vbnet
'Declaration

Protected Const DateTimeFormat As String

'Usage

Dim value As String

value = Repository(Of T).DateTimeFormat

protected const string DateTimeFormat

protected:

const String^ DateTimeFormat
```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
Repositories Namespace > Repository<T> Class

DateTimeFormat Field

```csharp
TimeFormat As String
```

Windows 7, Windows Vista SP1 or later, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
MNG.Profiler.Data.Core Namespace

- Interfaces

<table>
<thead>
<tr>
<th>Interface</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IUnitOfWork</td>
<td></td>
</tr>
</tbody>
</table>

- See Also

Reference

MNG.Profiler Assembly

Send Feedback
IUnitOfWork Interface

Object Model

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Interface IUnitOfWork

'Usage

Dim instance As IUnitOfWork

public interface IUnitOfWork

public interface class IUnitOfWork

Requirements
IUnitOfWork Interface Members

The following tables list the members exposed by `IUnitOfWork`.

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApplicationInstances</td>
<td></td>
</tr>
<tr>
<td>PerformanceEvents</td>
<td></td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete</td>
<td>(Inherited from <code>System.IDisposable</code>)</td>
</tr>
</tbody>
</table>

### See Also

Reference

- `IUnitOfWork Interface`
- `MNG.Profiler.Data.Core Namespace`
IUnitOfWork Interface Methods

For a list of all members of this type, see IUnitOfWork members.

- **Public Methods**

<table>
<thead>
<tr>
<th>Name</th>
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</thead>
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<tr>
<td>☑ Complete</td>
<td></td>
</tr>
<tr>
<td>☑ Dispose</td>
<td>(Inherited from System.IDisposable)</td>
</tr>
</tbody>
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See Also

Reference

IUnitOfWork Interface
MNG.Profiler.Data.Core Namespace

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IUnitOfWork Interface Properties

For a list of all members of this type, see IUnitOfWork members.

▲ Public Properties

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SerializerType Property
Count Property
Item Property (SignalConcurrentQueueEventArgs)
MNG.Profiler.Data.Core.Domain Namespace

Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApplicationInstance</td>
<td>Represents any individual time an instance of the application is run. Provides context for individual log events.</td>
</tr>
<tr>
<td>PerformanceEvent</td>
<td>Records and represents performance related data of an individual method call.</td>
</tr>
</tbody>
</table>

See Also

Reference
MNG.Profiler Assembly

Send Feedback
ApplicationInstance Class

Represents any individual time an instance of the application is run. Provides context for individual log events.

### Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

```csharp
'Declaration

Public Class ApplicationInstance

'Usage

Dim instance As ApplicationInstance

public class ApplicationInstance

public ref class ApplicationInstance
```

### Inheritance Hierarchy

- System.Object
ApplicationInstance Class

Represents any individual time an instance of the application is run. Provides context for individual log events.

**Syntax**

- Visual Basic
- C#
- C++/CLI

```csharp
'Declaration

Public Class ApplicationInstance

'Usage

Dim instance As ApplicationInstance

public class ApplicationInstance

public ref class ApplicationInstance
```

**Inheritance Hierarchy**

System.Object

ApplicationInstance Class Members

The following tables list the members exposed by ApplicationInstance.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🔄 ApplicationInstance Constructor</td>
<td></td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🔄 ApplicationInstanceID</td>
<td>Distinguishes one application instance from another. Unique value.</td>
</tr>
<tr>
<td>🔄 ApplicationName</td>
<td>Name of the application the profiler is running for.</td>
</tr>
<tr>
<td>🔄 BuildVersion</td>
<td>The build/revision version of the application that is being run.</td>
</tr>
<tr>
<td>🔄 CurrentStatus</td>
<td>Is the application Running, Not Running, Not Responding, etc?</td>
</tr>
<tr>
<td>🔄 EndTime</td>
<td>The time the application instance was ended. ie. When did the application close?</td>
</tr>
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</table>
ApplicationInstance Class Members

The following tables list the members exposed by ApplicationInstance.

### Public Constructors

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<tr>
<th>Name</th>
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</thead>
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<tr>
<td><img src="image" alt="Constructor" /> ApplicationInstance Constructor</td>
<td></td>
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### Public Properties

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<th>Name</th>
<th>Description</th>
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<tr>
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ApplicationInstance Constructor

### Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

#### 'Declaration

```vbnet
Public Function New()
```

#### 'Usage

```vbnet
Dim instance As New ApplicationInstance()
```

```csharp
public ApplicationInstance()
```

```cpp
public:
ApplicationInstance();
```

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also
Application Constructor

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ApplicationInstance Class Properties

For a list of all members of this type, see ApplicationInstance members.

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<td>ApplicationInstanceID</td>
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<td>EndTime</td>
<td>The time the application instance was ended. ie. When did the application close?</td>
</tr>
<tr>
<td>Environment</td>
<td>Was this run in a Stage, Development, Test, or Production build.</td>
</tr>
<tr>
<td>StartTime</td>
<td>The time the application instance was started. ie. When did the application start?</td>
</tr>
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ApplicationInstance Class

Properties

For a list of all members of this type, see ApplicationInstance members.

- **Public Properties**

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<tr>
<td>ApplicationName</td>
<td>Name of the application the profiler is running for.</td>
</tr>
<tr>
<td>BuildVersion</td>
<td>The build/revision version of the application that is being run.</td>
</tr>
<tr>
<td>CurrentStatus</td>
<td>Is the application Running, Not Running, Not Responding, etc?</td>
</tr>
<tr>
<td>EndTime</td>
<td>The time the application instance was ended. i.e. When did the application close?</td>
</tr>
<tr>
<td>Environment</td>
<td>Was this run in a Stage, Development, Test, or Production build.</td>
</tr>
<tr>
<td>StartTime</td>
<td>The time the application instance was started. i.e. When did the application start?</td>
</tr>
</tbody>
</table>
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- Count Property
- Item Property (SignalConcurrentQueueEventArgs)
PerformanceEvent Class

Records and represents performance related data of an individual method call.

### Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

#### Declaration

```plaintext
Public Class PerformanceEvent
```

#### Usage

```plaintext
Dim instance As PerformanceEvent
```

```plaintext
public class PerformanceEvent
```

```plaintext
public ref class PerformanceEvent
```

### Inheritance Hierarchy

```
System.Object
```
PerformanceEvent Class

Records and represents performance related data of an individual method call.

**Syntax**

- Visual Basic
- C#
- C++/CLI

```csharp
Public Class PerformanceEvent

Usage

Dim instance As PerformanceEvent

public class PerformanceEvent

public ref class PerformanceEvent
```

**Inheritance Hierarchy**

System.Object

PerformanceEvent Class Members

The following tables list the members exposed by `PerformanceEvent`.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PerformanceEvent Constructor</td>
<td>The application instance that the event was recorded for.</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ApplicationInstanceID</td>
<td>The time the CPU has spent doing work for the method. ie. How much time that has been spent in user or kernel code.</td>
</tr>
<tr>
<td>CPUPerformance</td>
<td>The name of the method being called.</td>
</tr>
<tr>
<td>MethodName</td>
<td>The name of the object, with full class and assembly path, of the method being called.</td>
</tr>
<tr>
<td>ObjectName</td>
<td>PerformanceLogID</td>
</tr>
</tbody>
</table>
PerformanceEvent Class Members

The following tables list the members exposed by PerformanceEvent.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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<tr>
<td><img src="image" alt="PerformanceEvent Constructor" /></td>
<td></td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="ApplicationInstanceID" /></td>
<td>The application instance that the event was recorded for.</td>
</tr>
<tr>
<td><img src="image" alt="CPUTime" /></td>
<td>The time the CPU has spent doing work for the method. ie. How much time that has been spent in user or kernel code.</td>
</tr>
<tr>
<td><img src="image" alt="MethodName" /></td>
<td>The name of the method being called.</td>
</tr>
<tr>
<td><img src="image" alt="ObjectName" /></td>
<td>The name of the object, with full class and assembly path, of the method being called.</td>
</tr>
<tr>
<td><img src="image" alt="PerformanceLogID" /></td>
<td>Identifies a unique performance event.</td>
</tr>
</tbody>
</table>
PerformanceEvent Constructor

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

```vbnet
'Declaration
Public Function New()

'Usage
Dim instance As New PerformanceEvent()

go public PerformanceEvent()

public:
PerformanceEvent();
```

**Requirements**

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

**See Also**
PerformanceEvent Constructor

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PerformanceEvent Class Properties

For a list of all members of this type, see PerformanceEvent members.

### Public Properties

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<thead>
<tr>
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<tr>
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<td>PerformanceLogID</td>
<td>Identifies a unique performance event.</td>
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<tr>
<td>SynchronousTime</td>
<td>The time the method spent being run synchronously on a thread.</td>
</tr>
<tr>
<td>TimeStamp</td>
<td>The time the event occurred.</td>
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<tr>
<td>WallTime</td>
<td>The total elapsed time, like the time on a wall clock, of the method call. ie. How much time that has passed overall in the real world.</td>
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## PerformanceEvent Class Properties

For a list of all members of this type, see `PerformanceEvent` members.

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MNG.Profiler.Data.Core.Repositories Namespace

 Interfaces

<table>
<thead>
<tr>
<th>Interface</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IApplicationInstanceRepository</td>
<td></td>
</tr>
<tr>
<td>IPerformanceEventRepository</td>
<td></td>
</tr>
<tr>
<td>IRepository&lt;T&gt;</td>
<td></td>
</tr>
</tbody>
</table>

 See Also

 Reference

 MNG.Profiler Assembly

Send Feedback
IApplicationInstanceRepository Interface

Object Model

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Interface IApplicationInstanceRepository
    Inherits MNG.Profiler.Data.Core.Repositories.IRespository(Of ApplicationInstance)

'Usage

Dim instance As IApplicationInstanceRepository

g public interface IApplicationInstanceRepository : MNG.Profiler.Data.Core.Repositories.IRespository<ApplicationInstance>

g public interface class IApplicationInstanceRepository : public
MNG.Profiler.Data.Core.Repositories Namespace: IApplicationInstanceRepository

onInstanceRepository

class IApplicationInstanceRepository
IApplicationInstanceRepository Interface Members

The following tables list the members exposed by IApplicationInstanceRepository.

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;ApplicationInstance&gt;)</td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;ApplicationInstance&gt;)</td>
</tr>
<tr>
<td>AddRange</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;ApplicationInstance&gt;)</td>
</tr>
<tr>
<td>Find</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;ApplicationInstance&gt;)</td>
</tr>
<tr>
<td>GetAll</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;ApplicationInstance&gt;)</td>
</tr>
</tbody>
</table>
onInstanceRepository

Members

The following tables list the members exposed by onInstanceRepository.

Properties

<table>
<thead>
<tr>
<th>Description</th>
</tr>
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<tr>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;ApplicationInstance&gt;)</td>
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Methods

<table>
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<tr>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;ApplicationInstance&gt;)</td>
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IApplicationInstanceRepository Interface Methods

For a list of all members of this type, see IApplicationInstanceRepository members.

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</tr>
<tr>
<td>GetAll</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;ApplicationInstance&gt;)</td>
</tr>
<tr>
<td>GetMostRecent</td>
<td></td>
</tr>
<tr>
<td>Remove</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;ApplicationInstance&gt;)</td>
</tr>
<tr>
<td>RemoveRange</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;ApplicationInstance&gt;)</td>
</tr>
<tr>
<td>SingleOrDefault</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;ApplicationInstance&gt;)</td>
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### Methods

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<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;ApplicationInstance&gt;)</td>
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<tr>
<td>range</td>
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CompileTimeInitialize Method
CompileTimeValidate Method
CreateAspectConfiguration Method
GetAspectConfiguration Method
OnEntry Method
OnException Method
OnExit Method
OnResume Method
OnSuccess Method
OnYield Method
RuntimeInitialize Method
SetAspectConfiguration Method
CompileTimeValidate(MethodBase) Method
CompileTimeValidate(Object) Method
SetAspectConfiguration(AspectConfiguration,MethodBase) Method
SetAspectConfiguration(AspectConfiguration,Object) Method
Enqueue Method
OnEnqueued Method
OnTriedDequeue Method
TryDequeue Method
IPerformanceEventRepository Interface

**Object Model**

```csharp
public interface IPerformanceEventRepository
{
    MNG.Profiler.Data.Core.Repositories.IRepository<PerformanceEvent> Inherits;
}
```

**Syntax**

- Visual Basic
- C#
- C++/CLI

### Declaration

**Public Interface** IPerformanceEventRepository

-Inherits MNG.Profiler.Data.Core.Repositories.IRepository<PerformanceEvent>

### Usage

```csharp
Dim instance As IPerformanceEventRepository
```


```csharp
public interface class IPerformanceEventRepository : public MN
```
namespace MNG.Profiler.Data.Core.Repositories

public interface IPerformanceEventRepository

//Implementation

IPerformanceEventRepository

Interface Members

The following tables list the members exposed by IPerformanceEventRepository.

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
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<tr>
<td>Item</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;PerformanceEvent&gt;)</td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;PerformanceEvent&gt;)</td>
</tr>
<tr>
<td>AddRange</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;PerformanceEvent&gt;)</td>
</tr>
<tr>
<td>Find</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;PerformanceEvent&gt;)</td>
</tr>
</tbody>
</table>
Members

These list the members exposed by `IPerformanceEventRepository`.

**Properties**

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Inherited from <code>MNG.Profiler.Data.Core.Repositories.IRepository&lt;PerformanceEvent&gt;</code>)</td>
</tr>
</tbody>
</table>

**Methods**

<table>
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</tr>
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<tr>
<td>(Inherited from <code>MNG.Profiler.Data.Core.Repositories.IRepository&lt;PerformanceEvent&gt;</code>)</td>
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</tr>
<tr>
<td>(Inherited from <code>MNG.Profiler.Data.Core.Repositories.IRepository&lt;PerformanceEvent&gt;</code>)</td>
</tr>
</tbody>
</table>
IPerformanceEventRepository Interface Methods

For a list of all members of this type, see IPerformanceEventRepository members.

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;PerformanceEvent&gt;)</td>
</tr>
<tr>
<td>AddRange</td>
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</tr>
<tr>
<td>Find</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;PerformanceEvent&gt;)</td>
</tr>
<tr>
<td>GetAll</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;PerformanceEvent&gt;)</td>
</tr>
<tr>
<td>GetLogEventsByApplicationInstance</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;PerformanceEvent&gt;)</td>
</tr>
</tbody>
</table>
**MNG.Profiler.Data.Core.Repositories Namespace** : IPerformanceEventRepository

### IPerformanceEventRepository Methods

For a list of all members of this type, see IPerformanceEventRepository members.

#### Methods

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddRange</td>
<td>(Inherited from MNG.Profiler.Data.Core.Repositories.IRepository&lt;PerformanceEvent&gt;)</td>
</tr>
<tr>
<td>GetLogEventsByApplicationInstance</td>
<td>(Inherited from MNG.Profiler.Data.CoreRepositories.IRepository&lt;PerformanceEvent&gt;)</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td></td>
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- OnYield Method
- RuntimeInitialize Method
- SetAspectConfiguration Method
- CompileTimeValidate(MethodBase) Method
- CompileTimeValidate(Object) Method
- SetAspectConfiguration(AspectConfiguration,MethodBase) Method
- SetAspectConfiguration(AspectConfiguration,object) Method
- Enqueue Method
- OnEnqueued Method
- OnTriedDequeue Method
- TryDequeue Method
IRespository\(\langle T \rangle\) Interface

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

```vbnet
'Declaration
<DefaultMemberAttribute("Item")>
Public Interface IRespository(Of T As Class)

'Usage
Dim instance As IRespository(Of T)

[DefaultMember("Item")]
public interface IRespository\(\langle T \rangle\)
where T: class

[DefaultMember("Item")]
generic<typename T>
public interface class IRespository
where T: ref class
```

**Type Parameters**

\( T \)
IRespository<T> Interface

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

<DefaultMemberAttribute("Item")>
Public Interface IRespository(Of T As Class)

'Usage

Dim instance As IRespository(Of T)

[DefaultMember("Item")]  
Public interface IRespository<T>
where T: class

[DefaultMember("Item")]  
generic<typename T>
Public interface class IRespository
where T: ref class

Type Parameters
IRespository<T> Interface

Members

The following tables list the members exposed by IRespository<T>.

Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item</td>
<td></td>
</tr>
</tbody>
</table>

Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add</td>
<td></td>
</tr>
<tr>
<td>AddRange</td>
<td></td>
</tr>
<tr>
<td>Find</td>
<td></td>
</tr>
<tr>
<td>GetAll</td>
<td></td>
</tr>
<tr>
<td>Remove</td>
<td></td>
</tr>
<tr>
<td>RemoveRange</td>
<td></td>
</tr>
<tr>
<td>SingleOrDefault</td>
<td></td>
</tr>
</tbody>
</table>

See Also

Reference
IRepository<T> Interface

The following tables list the members exposed by IRepository<T>.

Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item</td>
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Public Methods

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<tr>
<td>Remove</td>
<td></td>
</tr>
<tr>
<td>RemoveRange</td>
<td></td>
</tr>
<tr>
<td>SingleOrDefault</td>
<td></td>
</tr>
</tbody>
</table>
IRepository<T> Interface

Methods

For a list of all members of this type, see IRepository<T> members.

- **Public Methods**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add</td>
<td></td>
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<tr>
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</tr>
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</table>

- **See Also**

Reference

IRepository<T> Interface
MNG.Profiler.Data.Core.Repositories Namespace

Send Feedback
**Repository<T> Interface**

A list of all members of this type, see `IRepository<T> members`.

### Public Methods

<table>
<thead>
<tr>
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<td>SingleOrDefault</td>
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### See Also

Reference

`Repository<T> Interface`  
`MNG.Profiler.Data.Core.Repositories Namespace`
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OnEnqueued Method
OnTriedDequeue Method
TryDequeue Method
IRepository<T> Interface

Properties

For a list of all members of this type, see IRepository<T> members.

Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item</td>
<td>Top</td>
</tr>
</tbody>
</table>

See Also

Reference

IRepository<T> Interface
MNG.Profiler.Data.Core.Repositories Namespace

Send Feedback
IRepository<T> Interface Properties

A list of all members of this type, see IRepository<T> members.

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</thead>
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<tr>
<td>Item</td>
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</tbody>
</table>

See Also

Reference

IRepository<T> Interface

\G.Profiler.Data.Core.Repositories Namespace

↑ Feedback
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Fully Generated Property Pages

ApplyToStateMachine Property
AttributeExclude Property
AttributeId Property
AttributeInheritance Property
AttributePriority Property
AttributeReplace Property
AttributeTargetAssemblies Property
AttributeTargetElements Property
AttributeTargetExternalMemberAttributes Property
AttributeTargetExternalTypeAttributes Property
AttributeTargetMemberAttributes Property
AttributeTargetMembers Property
AttributeTargetParameterAttributes Property
AttributeTargetParameters Property
AttributeTargetTypeAttributes Property
AttributeTargetTypes Property
SerializerType Property
Count Property
Item Property (SignalConcurrentQueueEventArgs)
MNG.Profiler.Data.Exceptions

Namespace

Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DataAccessException</td>
<td>Exception used whenever there is a data access related error.</td>
</tr>
</tbody>
</table>

See Also

Reference

MNG.Profiler Assembly

Send Feedback
DataAccessException Class

Exception used whenever there is a data access related error.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

<SerializableAttribute()>
Public Class DataAccessException
    Inherits System.Exception

'Usage

Dim instance As DataAccessException

[Serializable()]
public class DataAccessException : System.Exception

[Serializable()]
public ref class DataAccessException : public System.Exception

Inheritance Hierarchy
DataAccessException Class

Exception used whenever there is a data access related error.

Syntax

- Visual Basic
- C#
- C++/CLI

'Statement

'<SerializableAttribute()> Public Class DataAccessException
    Inherits System.Exception

'Statement

Dim instance As DataAccessException

[Serializable()]
Public class DataAccessException : System.Exception

[Serializable()]
Public ref class DataAccessException : public System.Exception
DataAccessException Class Members

The following tables list the members exposed by DataAccessException.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DataAccessException Constructor</td>
<td>Overloaded.</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>HelpLink</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>HResult</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>InnerException</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>Message</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>ProviderInfo</td>
<td>Stores detailed information about the data source.</td>
</tr>
<tr>
<td>ProviderType</td>
<td>Indicates the type of data provider the exception is coming from. Ex. ADO.NET, Entity Framework, etc.</td>
</tr>
<tr>
<td>Source</td>
<td>(Inherited from System.Exception)</td>
</tr>
</tbody>
</table>
DataAccessException Class

Members

The following tables list the members exposed by DataAccessException.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Constructor" /> DataAccessException Constructor</td>
<td>Overloaded.</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Data" /></td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td><img src="image" alt="HelpLink" /></td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td><img src="image" alt="HRestult" /></td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td><img src="image" alt="InnerException" /></td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td><img src="image" alt="Message" /></td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td><img src="image" alt="ProviderInfo" /></td>
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<td><img src="image" alt="Source" /></td>
<td>(Inherited from System.Exception)</td>
</tr>
</tbody>
</table>
# DataAccessException Constructor

## Overload List

<table>
<thead>
<tr>
<th>Overload</th>
</tr>
</thead>
<tbody>
<tr>
<td>DataAccessException Constructor()</td>
</tr>
<tr>
<td>DataAccessException Constructor(EDataProviderType, String)</td>
</tr>
<tr>
<td>DataAccessException Constructor(String, EDataProviderType, String, Exception)</td>
</tr>
</tbody>
</table>
### Description Constructor

<table>
<thead>
<tr>
<th>Constructor</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>DataAccessException()</code></td>
<td>Default constructor that provides a default exception message informing that an exception of this type has been thrown.</td>
</tr>
<tr>
<td><code>DataAccessException(EDataProviderType type, String message)</code></td>
<td>Constructor that allows specifying the type of data source that this exception arouse from.</td>
</tr>
<tr>
<td><code>DataAccessException(String message, EDataProviderType type, String source, Exception inner)</code></td>
<td>Constructor that allows both a descriptive message, a type of data source and an inner exception.</td>
</tr>
</tbody>
</table>
DataAccessException

Constructor()

Default constructor that provides a default exception message informing that an exception of this type has been thrown.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Function New()

'Usage

Dim instance As New DataAccessException()

public DataAccessException()

public:
DataAccessException();

Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not
DataAccessException Constructor
DataAccessException Constructor
DataAccessException Constructor(EDataProviderType, String)

Constructor that allows specifying the type of data source that this exception arouse from.

### Syntax

- Visual Basic
- C#
- C++/CLI

**Declaration**

```vbnet
Public Function New( _
    ByVal providerType As EDataProviderType, _
    Optional ByVal providerInfo As String _
)```

**Usage**

```vbnet
Dim providerType As EDataProviderType
Dim providerInfo As String

Dim instance As New DataAccessException(providerType, providerInfo)
```

```csharp
public DataAccessException( EDataProviderType providerType,
```

```cpp
public DataAccessException( EDataProviderType providerType,
```
DataAccessException Constructor

...
Constructor
DataAccessException

Constructor(String, EDataProvider Type, String, Exception)

Constructor that allows both a descriptive message and an inner exception to be provided. Also allows for specification of the type of data source that this exception arouse from and detailed information about the source.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Function New( _
    ByVal message As String, _
    Optional ByVal providerType As EDataProviderType, _
    Optional ByVal providerInfo As String, _
    Optional ByVal innerException As Exception _
) _

'Usage

Dim message As String
Dim providerType As EDataProviderType
Dim providerInfo As String
Dim innerException As Exception
DataAccessException Constructor
DataAccessException
Constructor(SerializationInfo,StreamingContext)

Constructor that allows for serialization info and streaming context. Used for serialization and deserialization.

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

<SecurityPermissionAttribute(Flags=SecurityPermissionFlag.SerializationFormatter,
   Assertion=False,
   UnmanagedCode=False,
   SkipVerification=False,
   Execution=False,
   ControlThread=False,
   ControlEvidence=False,
   ControlPolicy=False,
   SerializationFormatter=True,
   ControlDomainPolicy=False,
   ControlPrincipal=False,
   ControlAppDomain=False,
   RemotingConfiguration=False,
   Infrastructure=False,
   BindingRedirects=False,
   Action=SecurityAction.Demand,
ss  DataAccessException Constructor
DataAccessException

Constructor: DataAccessException Constructor (SerializationInfo, StreamingContext)
DataAccessException Class

Methods

For a list of all members of this type, see DataAccessException members.

Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✗ GetBaseException</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>✗ GetObjectData</td>
<td>Overridden. When overridden in a derived class, sets the</td>
</tr>
<tr>
<td></td>
<td>System.Runtime.Serialization.SerializationInfo with information about the</td>
</tr>
<tr>
<td></td>
<td>exception.</td>
</tr>
<tr>
<td>✗ GetType</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>✗ ToString</td>
<td>(Inherited from System.Exception)</td>
</tr>
</tbody>
</table>

See Also

Reference

DataAccessException Class
MNG.Profiler.Data.Exceptions Namespace

Send Feedback
DataAccessException Class

Methods

For a list of all members of this type, see DataAccessException members.

Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>⚠️ Exception</td>
<td></td>
</tr>
<tr>
<td><code>GetBaseException</code></td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>⚠️ Exception</td>
<td></td>
</tr>
<tr>
<td><code>GetObjectData</code></td>
<td>Overridden. When overridden in a derived class, sets the System.Runtime.Serialization.SerializationInfo with information about the exception.</td>
</tr>
<tr>
<td>⚠️ Exception</td>
<td></td>
</tr>
<tr>
<td><code>GetType</code></td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>⚠️ Exception</td>
<td></td>
</tr>
<tr>
<td><code>ToString</code></td>
<td>(Inherited from System.Exception)</td>
</tr>
</tbody>
</table>

See Also

Reference

DataAccessException Class
MNG.Profiler.Data.Exceptions Namespace
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Fully Generated Method Pages

- CompileTimeInitialize Method
- CompileTimeValidate Method
- CreateAspectConfiguration Method
- GetAspectConfiguration Method
- OnEntry Method
- OnException Method
- OnExit Method
- OnResume Method
- OnSuccess Method
- OnYield Method
- RuntimeInitialize Method
- SetAspectConfiguration Method
- CompileTimeValidate(MethodBase) Method
- CompileTimeValidate(Object) Method
- SetAspectConfiguration(AspectConfiguration,MethodBase) Method
- SetAspectConfiguration(AspectConfiguration,Object) Method
- Enqueue Method
- OnEnqueued Method
- OnTriedDequeue Method
- TryDequeue Method
DataAccessException Class

Properties

For a list of all members of this type, see DataAccessException members.

▲ Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>HelpLink</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>HResult</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>InnerException</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>Message</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>ProviderInfo</td>
<td>Stores detailed information about the data source.</td>
</tr>
<tr>
<td>ProviderType</td>
<td>Indicates the type of data provider the exception is coming from. Ex. ADO.NET, Entity Framework, etc.</td>
</tr>
<tr>
<td>Source</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>StackTrace</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>TargetSite</td>
<td>(Inherited from System.Exception)</td>
</tr>
</tbody>
</table>

▲ See Also

Reference
MNG.Director Documentation

COLLAPSE ALL   MEMBERS OPTIONS: SHOW ALL

MNG.Profiler.Data.Exceptions Namespace : DataAccessException Class

DataAccessException Class

Properties

For a list of all members of this type, see DataAccessException members.

Public Properties

<table>
<thead>
<tr>
<th>Name</th>
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</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>StackTrace</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>TargetSite</td>
<td>(Inherited from System.Exception)</td>
</tr>
</tbody>
</table>

See Also
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Fully Generated Property Pages

- `ApplyToStateMachine` Property
- `AspectPriority` Property
- `AttributeExclude` Property
- `AttributeId` Property
- `AttributeInheritance` Property
- `AttributePriority` Property
- `AttributeReplace` Property
- `AttributeTargetAssemblies` Property
- `AttributeTargetElements` Property
- `AttributeTargetExternalMemberAttributes` Property
- `AttributeTargetExternalTypeAttributes` Property
- `AttributeTargetMemberAttributes` Property
- `AttributeTargetMembers` Property
- `AttributeTargetParameterAttributes` Property
- `AttributeTargetParameters` Property
- `AttributeTargetTypeAttributes` Property
- `AttributeTargetTypes` Property
- `SerializerType` Property
- `Count` Property
- `Item` Property (SignalConcurrentQueueEventArgs)
Fully Generated Property Pages

ApplyToStateMachine Property
AspectPriority Property
AttributeExclude Property
AttributeId Property
AttributeInheritance Property
AttributePriority Property
AttributeReplace Property
AttributeTargetAssemblies Property
AttributeTargetElements Property
AttributeTargetExternalMemberAttributes Property
AttributeTargetExternalTypeAttributes Property
AttributeTargetMemberAttributes Property
AttributeTargetMembers Property
AttributeTargetParameterAttributes Property
AttributeTargetParameters Property
AttributeTargetTypeAttributes Property
AttributeTargetTypes Property
SerializerType Property
Count Property
Item Property (SignalConcurrentQueueEventArgs)
MNG.Profiler.Data.Factories

Namespace

- **Classes**

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌟 UnitOfWorkFactory</td>
<td>Allows for creating units of work based off of the data provider the work is for.</td>
</tr>
</tbody>
</table>

- **See Also**

  Reference

  MNG.Profiler Assembly

Send Feedback
UnitOfWorkFactory Class

Allows for creating units of work based off of the data provider the work is for.

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

```vbnet
'Declaration

Public Class UnitOfWorkFactory

'Usage

Dim instance As UnitOfWorkFactory

class UnitOfWorkFactory

class ref class UnitOfWorkFactory
```

**Inheritance Hierarchy**

- `System.Object`
- `MNG.Profiler.Data.Factories.UnitOfWorkFactory`
UnitOfWorkFactory Class

Members

The following tables list the members exposed by UnitOfWorkFactory.

Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✱</td>
<td>UnitOfWorkFactory Constructor</td>
</tr>
</tbody>
</table>

Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✱ CreateUnitOfWork</td>
<td>Creates a unit of work based off of the provider type.</td>
</tr>
</tbody>
</table>

See Also

Reference

UnitOfWorkFactory Class
MNG.Profiler.Data.Factories Namespace
UnitOfWorkFactory Constructor

### Syntax

- **Visual Basic**
  - `Public Function New()`

- **C#**
  - `public UnitOfWorkFactory()`

- **C++/CLI**
  - `public: UnitOfWorkFactory();`

### Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

### See Also
UnitOfWorkFactory Constructor

Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2
UnitOfWorkFactory Class

Methods

For a list of all members of this type, see UnitOfWorkFactory members.

Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CreateUnitOfWork</td>
<td>Creates a unit of work based off of the provider type.</td>
</tr>
</tbody>
</table>

See Also

Reference

UnitOfWorkFactory Class
MNG.Profiler.Data.Factories Namespace

Send Feedback
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Fully Generated Method Pages

- CompileTimeInitialize
- CompileTimeValidate
- CreateAspectConfiguration
- GetAspectConfiguration
- OnEntry
- OnException
- OnExit
- OnResume
- OnSuccess
- OnYield
- RuntimeInitialize
- SetAspectConfiguration
- CompileTimeValidate(MethodBase)
- CompileTimeValidate(Object)
- SetAspectConfiguration(AspectConfiguration, MethodBase)
- SetAspectConfiguration(AspectConfiguration, Object)
- Enqueue
- OnEnqueued
- OnTriedDequeue
- TryDequeue
MNG.Profiler.Exceptions

Namespace

Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="ProfilerException" /></td>
<td>Exception used if there is a general issue with the profiler.</td>
</tr>
</tbody>
</table>

See Also

Reference

MNG.Profiler Assembly

Send Feedback
ProfilerException Class

Exception used if there is a general issue with the profiler.

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

```vbnet
'Declaration

Public Class ProfilerException
    Inherits System.Exception

'Usage

Dim instance As ProfilerException

Public class ProfilerException : System.Exception

Public ref class ProfilerException : public System.Exception
```

**Inheritance Hierarchy**

System.Object
  System.Exception
  MNG.Profiler.Exceptions.ProfilerException
ProfilerException Class Members

The following tables list the members exposed by `ProfilerException`.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="ProfilerException Constructor" /></td>
<td>Overloaded.</td>
</tr>
</tbody>
</table>

### Public Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Data" /></td>
<td>(Inherited from <code>System.Exception</code>)</td>
</tr>
<tr>
<td><img src="image" alt="HelpLink" /></td>
<td>(Inherited from <code>System.Exception</code>)</td>
</tr>
<tr>
<td><img src="image" alt="HResult" /></td>
<td>(Inherited from <code>System.Exception</code>)</td>
</tr>
<tr>
<td><img src="image" alt="InnerException" /></td>
<td>(Inherited from <code>System.Exception</code>)</td>
</tr>
<tr>
<td><img src="image" alt="Message" /></td>
<td>(Inherited from <code>System.Exception</code>)</td>
</tr>
<tr>
<td><img src="image" alt="Source" /></td>
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</tr>
<tr>
<td><img src="image" alt="StackTrace" /></td>
<td>(Inherited from <code>System.Exception</code>)</td>
</tr>
<tr>
<td><img src="image" alt="TargetException" /></td>
<td>(Inherited from <code>System.Exception</code>)</td>
</tr>
</tbody>
</table>

### Public Methods
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Fully Generated Constructor Pages

```plaintext
ProfileAttribute Constructor (ProfileAttribute)
ProfileAttribute Constructor(PortableFormatterConstructorContext)
SignalConcurrentQueue<T> Constructor (SignalConcurrentQueue<T>)
SignalConcurrentQueueEventArgs Constructor (SignalConcurrentQueueEventArgs)
ProfileController Constructor (ProfileController)
DBContext Constructor (DBContext)
UnitOfWork Constructor (UnitOfWork)
UnitOfWork Constructor()
UnitOfWork Constructor(DBContext)
ApplicationInstanceRepository Constructor (ApplicationInstanceRepository)
PerformanceEventRepository Constructor (PerformanceEventRepository)
ApplicationInstance Constructor (ApplicationInstance)
PerformanceEvent Constructor (PerformanceEvent)
DataAccessException Constructor (DataAccessException)
DataAccessException Constructor()
DataAccessException Constructor(EDataProviderType,String)
DataAccessException Constructor(String,EDataProviderType,String,Exception)
DataAccessException Constructor(SerializationInfo,StreamingContext)
UnitOfWorkFactory Constructor (UnitOfWorkFactory)
```
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DataAccessException Constructor(SerializationInfo,StreamingContext)
UnitOfWorkFactory Constructor (UnitOfWorkFactory)
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`SignalConcurrentQueueEventArgs Constructor (SignalConcurrentQueueEventArgs)`
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`UnitOfWork Constructor(UnitOfWork)`
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`ApplicationInstance Constructor (ApplicationInstance)`
`PerformanceEvent Constructor (PerformanceEvent)`
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`DataAccessException Constructor(DataAccessException)`
`DataAccessException Constructor()`
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`DataAccessException Constructor(String,EDataProviderType,String,Exception)`
`DataAccessException Constructor(SerializationInfo,StreamingContext)`
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ProfileAttribute Constructor(ProfileAttribute Constructor)
ProfileAttribute Constructor(PortableFormatter Constructor)
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DataAccessException Constructor(String,EDataProviderType,String,Exception)
DataAccessException Constructor(SerializationInfo,StreamingContext)
UnitOfWorkFactory Constructor (UnitOfWorkFactory)
### ProfilerException Class Methods

For a list of all members of this type, see [ProfilerException members](#).

#### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![] GetBaseException</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>![] GetObjectData</td>
<td>Overridden. When overridden in a derived class, sets the System.Runtime.Serialization.SerializationInfo with information about the exception.</td>
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<tr>
<td>![] GetType</td>
<td>(Inherited from System.Exception)</td>
</tr>
<tr>
<td>![] ToString</td>
<td>(Inherited from System.Exception)</td>
</tr>
</tbody>
</table>

### See Also

- [ProfilerException Class](#)
- [MNG.Profiler.Exceptions Namespace](#)

[Send Feedback](#)
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- SetAspectConfiguration(AspectConfiguration, Object) Method
- Enqueue Method
- OnEnqueued Method
- OnTriedDequeue Method
- TryDequeue Method
PostSharp.ImplementationDetails
_113ed052 Namespace

Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✅ z__Activator</td>
<td></td>
</tr>
</tbody>
</table>

See Also

Reference
MNG.Profiler Assembly

Send Feedback
z__Activator Class

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

### 'Declaration

```csharp
<CompilerGeneratedAttribute()>
Public NotInheritable Class <>z__Activator
    Implements PostSharp.Serialization.IActivator
``` 

### 'Usage

```csharp
Dim instance As z__Activator
```

```csharp
[CompilerGenerated()]
public sealed class <>z__Activator : PostSharp.Serialization.IActivator
``` 

```csharp
[CompilerGenerated()]
public ref class <>z__Activator sealed : public PostSharp.Serialization.IActivator
```

### Inheritance Hierarchy

```
System.Object
```
Namespace: z__Activator

.syntax

Visual Basic
C#
C++/CLI

Declaration

[CompilerGeneratedAttribute()]
Public NotInheritable Class <>z__Activator
    Implements PostSharp.Serialization.IActivator

Usage

Dim instance As z__Activator

[CompilerGenerated()]
Public sealed class <>z__Activator : PostSharp.Serialization.IActivator

[CompilerGenerated()]
Public ref class <>z__Activator sealed : public PostSharp.Serialization.IActivator

Inheritance Hierarchy

System.Object
z__Activator Class Members

The following tables list the members exposed by z__Activator.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>z__Activator Constructor</td>
<td></td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CreateInstance</td>
<td></td>
</tr>
</tbody>
</table>

### See Also

Reference

MNG.Profiler~PostSharp.ImplmentationDetails_113ed052.--
MNG.Profiler~PostSharp.ImplmentationDetails_113ed052.Namepaces

Send Feedback
_Activator Class Members

The following tables list the members exposed by `z__Activator`.

### Public Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>z__Activator Constructor</code></td>
<td></td>
</tr>
</tbody>
</table>

### Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>CreateInstance</code></td>
<td></td>
</tr>
</tbody>
</table>

### See Also

**Reference**

`MNG.Profiler~PostSharp.ImplementationDetails_113ed052.--_Activator
MNG.Profiler~PostSharp.ImplementationDetails_113ed052 Namespace`
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DataAccessException Constructor(String,EDataProviderType,String,Exception)
DataAccessException Constructor(SerializationInfo,StreamingContext)
UnitOfWorkFactory Constructor (UnitOfWorkFactory)
z__Activator Class Methods

For a list of all members of this type, see z__Activator members.

- Public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="MNG.Profiler~PostSharp.ImplementationDetails_113ed052.--.z__Activator" alt="" /> CreateInstance</td>
<td></td>
</tr>
</tbody>
</table>

See Also

Reference

MNG.Profiler~PostSharp.ImplementationDetails_113ed052.--
z__Activator

PostSharp.ImplementationDetails_113ed052 Namespace
__Activator Class Methods

For a list of all members of this type, see __Activator members.

public Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CreateInstance</td>
<td></td>
</tr>
</tbody>
</table>

See Also

Reference

MNG.Profiler~PostSharp.ImplementationDetails_113ed052.--
Activator

PostSharp.ImplementationDetails_113ed052 Namespace
Fully Generated Method Pages

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- CompileTimeValidate(MethodBase) Method
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- SetAspectConfiguration(AspectConfiguration, MethodBase) Method
- SetAspectConfiguration(AspectConfiguration, Object) Method
- Enqueue Method
- OnEnqueued Method
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- TryDequeue Method
MNG.Profiler namespace

Inheritance Hierarchy

- `System.Object`
- `MNG.Profiler.ERunStatus`
- `System.Attribute`
- `PostSharp.Extensibility.MulticastAttribute`
- `PostSharp.Aspects.Aspect`
- `PostSharp.Aspects.MethodLevelAspect`
- `PostSharp.Aspects.OnMethodBoundaryAspect`
- `MNG.Profiler.ProfileAttribute`

See Also

Reference

MNG.Profiler Assembly
ApplyToStateMachine Property

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Property ApplyToStateMachine As Boolean

'Usage

Dim instance As ProfileAttribute
Dim value As Boolean

instance.ApplyToStateMachine = value

value = instance.ApplyToStateMachine

public bool ApplyToStateMachine {get; set;}

public:
property bool ApplyToStateMachine {
    bool get();
    void set ( bool value);
}
yToStateMachine Property

```
Visual Basic

Private Public Property ApplyToStateMachine As Boolean

instance.ApplyToStateMachine = value

Public Get Set bool ApplyToStateMachine

C++/CLI

property bool ApplyToStateMachine {
    get;
    set (bool value);
}
```

Syntax

Requirements
AspectPriority Property

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Property AspectPriority As Integer

'Usage

Dim instance As ProfileAttribute
Dim value As Integer

instance.AspectPriority = value

value = instance.AspectPriority

public int AspectPriority {get; set;}

public:
property int AspectPriority {
    int get();
    void set ( int value);
}
AspectPriority Property

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Property AspectPriority As Integer

'Usage

Dim instance As ProfileAttribute
Dim value As Integer

instance.AspectPriority = value

value = instance.AspectPriority

public int AspectPriority {get; set;}

public:
property int AspectPriority {
    int get();
    void set ( int value);
}
AttributeExclude Property

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

### Declaration

```csharp
<XmlIgnoreAttribute()>  
<PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttribute()>  
Public Property AttributeExclude As Boolean
```

#### Usage

```csharp
Dim instance As ProfileAttribute  
Dim value As Boolean  

instance.AttributeExclude = value  
value = instance.AttributeExclude
```

```csharp
[XmlIgnore()]  
public bool AttributeExclude {get; set;}
```

```csharp
[XmlIgnore()]  
public:  
property bool AttributeExclude {
```
**AttributeExclude Property**

**Syntax**

- Visual Basic
- C#
- C++/CLI

'**Declaration**

```xml
<XmlIgnoreAttribute()>
<PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttribute()>
Public Property AttributeExclude As Boolean
```

'**Usage**

```vbnet
dim instance As ProfileAttribute
dim value As Boolean

instance.AttributeExclude = value
value = instance.AttributeExclude
```

```csharp
[XmlIgnore()]
public bool AttributeExclude { get; set; }
```

```cpp
[XmlIgnore()]
public:
property bool AttributeExclude {
```
MNG.ProfilerNamespace > ProfileAttributeClass: AttributeId Property

AttributeId Property

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

'Usage

Dim instance As ProfileAttribute
Dim value As Long

instance.AttributeId = value

value = instance.AttributeId

[XmlIgnore()]
[Obsolete(Message="Do not use this property in customer code.", IsError=True)]

public long AttributeId {get; set;}
AttributeInheritance Property

Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

### Declaration

```xml
<XmlIgnoreAttribute()>
<PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttribute()>
**Public Property** AttributeInheritance **As** PostSharp.Extensibility.MulticastInheritance
```

### Usage

```csharp
Dim instance **As** ProfileAttribute
Dim value **As** PostSharp.Extensibility.MulticastInheritance

instance.AttributeInheritance = value

value = instance.AttributeInheritance
```

```csharp
[XmlIgnore()]
**public** PostSharp.Extensibility.MulticastInheritance AttributeInheritance {
**get**; **set**;}
```

```csharp
[XmlIgnore()]
```
AttributeInheritance Property

Syntax

**Visual Basic**
```
#<br/>++/CLI
```

**Declaration**
```
AttributeIgnoreAttribute()><br/>PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttribute()><br/>Public Property AttributeInheritance As PostSharp.Extensibility.MulticastInheritance
```

**Usage**
```
Dim instance As ProfileAttribute<br/>Dim value As PostSharp.Extensibility.MulticastInheritance

instance.AttributeInheritance = value<br/>value = instance.AttributeInheritance
```

```
AttributeIgnore()<br/>PostSharp.Aspects.Serialization.AspectSerializerIgnore()<br/>Public PostSharp.Extensibility.MulticastInheritance AttributeInheritance {get; set;}
```

```
AttributeIgnore()<br/>PostSharp.Aspects.Serialization.AspectSerializerIgnore()<br/>Public AttributeInheritance {get; set;}
```
AttributePriority Property

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

<XmlIgnoreAttribute()>
<PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttribute()>
**Public Property** AttributePriority **As Integer**

'Usage

**Dim** instance **As ProfileAttribute**
**Dim** value **As Integer**

instance.AttributePriority = value

value = instance.AttributePriority

[XmlIgnore()]
**public** int AttributePriority {get; set;}

[XmlIgnore()]
**public:**
property int AttributePriority {
AttributePriority Property

Syntax

- Visual Basic
- C#
- C++/CLI

**'Declaration**

```xml
<XmlIgnoreAttribute()>
<PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttribute()>
Public Property AttributePriority As Integer

'Usage

Dim instance As ProfileAttribute
Dim value As Integer

instance.AttributePriority = value

value = instance.AttributePriority

[XmlIgnore()]
public int AttributePriority {get; set;}

[XmlIgnore()]
public:
property int AttributePriority {get; set;}
AttributeReplace Property

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

'Usage

Dim instance As ProfileAttribute
Dim value As Boolean

instance.AttributeReplace = value

value = instance.AttributeReplace

[XmlIgnore()]
public bool AttributeReplace {get; set;}

[XmlIgnore()]
public:
property bool AttributeReplace {
AttributeReplace Property

Syntax

Visual Basic

C#

C++/CLI

'Declaration

<XmlIgnoreAttribute()>
<PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttributes()>
Public Property AttributeReplace As Boolean

'Usage

Dim instance As ProfileAttribute
Dim value As Boolean

instance.AttributeReplace = value

value = instance.AttributeReplace

[XmlIgnore()]
public bool AttributeReplace {get; set;}

[XmlIgnore()]
public:
property bool AttributeReplace {
**AttributeTargetAssemblies Property**

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

### Declaration

```xml
<XmlIgnoreAttribute()>
Public Property AttributeTargetAssemblies As String
```

### Usage

```vbnet
Dim instance As ProfileAttribute
Dim value As String

instance.AttributeTargetAssemblies = value
value = instance.AttributeTargetAssemblies
```

```csharp
[XmlIgnore()]
public string AttributeTargetAssemblies {get; set;}
```

```cpp
[XmlIgnore()]
public string AttributeTargetAssemblies {get; set;}
```
**AttributeTargetAssemblies Property**

```csharp
public string AttributeTargetAssemblies { get; set; }

XmlIgnore()
```

This property is used to configure the assemblies that are targeted by the attribute.

**Usage Example**

```csharp
ProfileAttribute instance = new ProfileAttribute();
instance.AttributeTargetAssemblies = value;
instance.AttributeTargetAssemblies = value;
```
AttributeTargetElements Property

**Syntax**

- Visual Basic
- C#
- C++/CLI

**'Declaration**

```csharp
[XmlIgnore()]
public PostSharp.Extensibility.MulticastTargets AttributeTargetElements {get; set;}
```

**'Usage**

```csharp
Dim instance As ProfileAttribute
Dim value As PostSharp.Extensibility.MulticastTargets

instance.AttributeTargetElements = value

value = instance.AttributeTargetElements
```
ProfileAttribute Class

AttributeTargetElements Property

X

Basic

Syntax

```
AssetTargetElements()>
arp.Aspects.Serialization.AspectSerializerIgnoreAttribute

Property AttributeTargetElements As PostSharp.Extensibility.MulticastTargets

Instance As ProfileAttribute
ue As PostSharp.Extensibility.MulticastTargets

e.AttributeTargetElements = value

instance.AttributeTargetElements

ore()
arp.Aspects.Serialization.AspectSerializerIgnore()
PostSharp.Extensibility.MulticastTargets AttributeTargetes {get; set;}

ore()
arp.Aspects.Serialization.AspectSerializerIgnore()
```
AttributeTargetExternalMemberAttributes Property

Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

'Statement'

```xml
<XmlIgnoreAttribute()>
<PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttribut
Public Property AttributeTargetExternalMemberAttributes As P
instance.AttributeTargetExternalMemberAttributes = value

value = instance.AttributeTargetExternalMemberAttributes

[XmlIgnore()]
public PostSharp.Extensibility.MulticastAttributes AttributeTa
```
ProfileAttribute Class: AttributeTargetExternalMemberAttributes

AttributeTargetExternalMemberAttributes

```csharp
public AttributeTargetExternalMemberAttributes
{
    get;
    set;
}
```

Attribute
Extensibility.MulticastAttributes

.EntityFrameworkTargetExternalMemberAttributes = value

AttributeTargetExternalMemberAttributes

```csharp
public AttributeTargetExternalMemberAttributes
```
AttributeTargetExternalTypeAttributes Property

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

 `'Declaration`

```xml
<XmlIgnoreAttribute()>
<PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttribute()>
Public Property AttributeTargetExternalTypeAttributes As PostSharp.Extensibility.MulticastAttributes

'Usage`

```csharp
Dim instance As ProfileAttribute
Dim value As PostSharp.Extensibility.MulticastAttributes

instance.AttributeTargetExternalTypeAttributes = value

value = instance.AttributeTargetExternalTypeAttributes
```

```csharp
[XmlIgnore()]
public PostSharp.Extensibility.MulticastAttributes AttributeTargetExternalTypeAttributes {get; set;}
```
ProfileAttribute Class: AttributeTargetExternalTypeAttributes

```csharp
AttributeTargetExternalTypeAttributes {
    get; 
    set; 
}
```

```csharp
public multicastAttributes As PostSharp.Extensibility.MulticastAttributes

attributeTargetExternalTypeAttributes = value

attributeTargetExternalTypeAttributes

[serialization.AspectSerializerIgnore()]
__Extensibility.MulticastAttributes AttributeTargetExternalTypeAttributes {get; set;}
AttributeTargetMemberAttributes Property

Syntax

- Visual Basic
- C#
- C++/CLI

**'Declaration**

Public Property AttributeTargetMemberAttributes As PostSharp.Extensibility.MulticastAttributes

**'Usage**

Dim instance As ProfileAttribute
Dim value As PostSharp.Extensibility.MulticastAttributes

instance.AttributeTargetMemberAttributes = value

value = instance.AttributeTargetMemberAttributes
ProfileAttribute

```csharp
ProfileAttribute

public MulticastAttributes AttributeTargetMemberAttributes {
    get;
    set;
}
```
AttributeTargetMembers Property

Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

 `'Declaration`

```xml
<XmlIgnoreAttribute()>
<PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttribute()>
Public Property AttributeTargetMembers As String
```

 `'Usage`

```vbnet
Dim instance As ProfileAttribute
Dim value As String

instance.AttributeTargetMembers = value

value = instance.AttributeTargetMembers
```

```csharp
[XmlIgnore()]
public string AttributeTargetMembers {get; set;}
```

```cpp
[XmlIgnore()]
public: 
property String^ AttributeTargetMembers {
```
AttributeTargetMembers Property

```
instance As ProfileAttribute
ue As String

e.AttributeTargetMembers = value

instance.AttributeTargetMembers

ore()]
arp.Aspects.Serialization.AspectSerializerIgnore()]
string AttributeTargetMembers {get; set;}

ore()
arp.Aspects.Serialization.AspectSerializerIgnore()]
y String^ AttributeTargetMembers {
```
AttributeTargetParameterAttributes Property

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

<XmlIgnoreAttribute()>
<PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttribute()>
Public Property AttributeTargetParameterAttributes As PostSharp.Extensibility.MulticastAttributes

'Usage

Dim instance As ProfileAttribute
Dim value As PostSharp.Extensibility.MulticastAttributes

instance.AttributeTargetParameterAttributes = value

value = instance.AttributeTargetParameterAttributes

[XmlIgnore()]
public PostSharp.Extensibility.MulticastAttributes AttributeTargetParameterAttributes {get; set;}
TargetParameterAttribute

```csharp
PostSharp.Extensibility.MulticastAttributes AttributeTargetParameterAttributes {get; set;}
```
AttributeTargetParameters Property

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

<XmlIgnoreAttribute()>
<PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttribute()>
Public Property AttributeTargetParameters As String

'Usage

Dim instance As ProfileAttribute
Dim value As String

instance.AttributeTargetParameters = value

value = instance.AttributeTargetParameters

[XmlIgnore()]
public string AttributeTargetParameters {get; set;}

[XmlIgnore()]
MNG.Profiler Namespace
ProfileAttribute Class: AttributeTargetParameters Property

C# Visual Basic C++/CLI

'Declaration
XmlIgnoreAttribute()

<PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttributes

Property AttributeTargetParameters As String

[As ProfileAttribute
As String

instance.AttributeTargetParameters = value

instance.AttributeTargetParameters

[Aspects.Serialization.AspectSerializerIgnore()]

string AttributeTargetParameters {get; set;}

[Aspects.Serialization.AspectSerializerIgnore()]

AttributeTargetTypeAttributes Property

■ Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

<XmlIgnoreAttribute()>
<PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttribute()>
Public Property AttributeTargetTypeAttributes As PostSharp.Extensibility.MulticastAttributes

'Usage

Dim instance As ProfileAttribute
Dim value As PostSharp.Extensibility.MulticastAttributes

instance.AttributeTargetTypeAttributes = value

value = instance.AttributeTargetTypeAttributes

[XmlIgnore()]
public PostSharp.Extensibility.MulticastAttributes AttributeTargetTypeAttributes {get; set;}


AttributeTargetTypeAttributes

```csharp
[aspect.Serialization.AspectSerializerIgnore()]
PostSharp.Extensibility.MulticastAttributes

    public AttributeTargetTypeAttributes
    {
        get; 
        set;
    }

    public AttributeTargetTypeAttributes As PostSharp.Extensibility.MulticastAttributes
```
AttributeTargetTypes Property

**Syntax**

- **Visual Basic**
- **C#**
- **C++/CLI**

```vbnet
'Declaration

<XmlIgnoreAttribute()>
<PostSharp.Aspects.Serialization.AspectSerializerIgnoreAttribute()>
Public Property AttributeTargetTypes As String

'Usage

Dim instance As ProfileAttribute
Dim value As String

instance.AttributeTargetTypes = value

value = instance.AttributeTargetTypes
```

```csharp
//Declaration

[XmlIgnore]
public string AttributeTargetTypes { get; set; }

//Usage

public:
property String^ AttributeTargetTypes {
```
AttributeTargetTypes Property

Syntax

Visual Basic

Public Property AttributeTargetTypes As String

C#

instance.As ProfileAttribute
value = string

instance.AttributeTargetTypes = value

value = instance.AttributeTargetTypes

C++/CLI

instance As ProfileAttribute
value = String

instance->AttributeTargetTypes = value

value = instance->AttributeTargetTypes

XML

@XmlIgnore
public string AttributeTargetTypes {
    get; set;
}

@XmlIgnore
public string AttributeTargetTypes {
    get; set;
}

@XmlIgnore
public: 
    property String^ AttributeTargetTypes {
    get; set;
    }
SerializerType Property

▲ Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Protected Property SerializerType As Type

'Usage

Dim instance As ProfileAttribute
Dim value As Type

instance.SerializerType = value
value = instance.SerializerType

protected Type SerializerType {get; set;}

protected:
property Type^ SerializerType {
    Type^ get();
    void set ( Type^ value);
}
SerializerType Property

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Protected Property SerializerType As Type

'Usage

Dim instance As ProfileAttribute
Dim value As Type

instance.SerializerType = value
value = instance.SerializerType

protected Type SerializerType {get; set;}

protected:
property Type^ SerializerType {
    Type^ get();
    void set ( Type^ value);
}
CompileTimeInitialize Method

Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

'Declaration

**Public Sub** CompileTimeInitialize( _
   ByVal method As MethodBase, _
   ByVal aspectInfo As PostSharp.Aspects.AspectInfo _
)

'Usage

**Dim** instance As ProfileAttribute
**Dim** method As MethodBase
**Dim** aspectInfo As PostSharp.Aspects.AspectInfo

instance.CompileTimeInitialize(method, aspectInfo)

**Public void** CompileTimeInitialize( _
   MethodBase method, _
   PostSharp.Aspects.AspectInfo aspectInfo
)

**public:**

**void** CompileTimeInitialize( _
   MethodBase^ method, _
   PostSharp.Aspects.AspectInfo^ aspectInfo
)
CompileTimeInitialize Method

**Syntax**

```csharp
public void CompileTimeInitialize(
    MethodBase method,
    PostSharp.Aspects.AspectInfo aspectInfo)
```

```visualbasic
Public Sub CompileTimeInitialize( _
    ByVal method As MethodBase, _
    ByVal aspectInfo As PostSharp.Aspects.AspectInfo _
)
```

```c++
public void CompileTimeInitialize(
    MethodBase^ method,
    PostSharp.Aspects.AspectInfo^ aspectInfo)
```

**Usage**

```csharp
instance As ProfileAttribute
method As MethodBase
aspectInfo As PostSharp.Aspects.AspectInfo

instance.CompileTimeInitialize(method, aspectInfo)
```

```visualbasic
instance As ProfileAttribute
method As MethodBase
aspectInfo As PostSharp.Aspects.AspectInfo

instance.CompileTimeInitialize(method, aspectInfo)
```

```c++
instance As ProfileAttribute
method As MethodBase
aspectInfo As PostSharp.Aspects.AspectInfo

instance.CompileTimeInitialize(method, aspectInfo)
```
CompileTimeValidate Method

▶ Overload List

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<td>(Inherited from PostSharp.Aspects.MethodLevelAspect)</td>
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<td>CompileTimeValidate(Object)</td>
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</tbody>
</table>

▶ Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

▶ See Also

Reference

ProfileAttribute Class
ProfileAttribute Members
ProfileAttribute Class: CompileTimeValidate Method

Overload List

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Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

ProfileAttribute Class
ProfileAttribute Members

Send Feedback
GetAspectConfiguration Method

Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

'**Declaration**

```visualbasic
Public Function GetAspectConfiguration( _
    ByVal targetElement As Object _
```

'**Usage**

```visualbasic
Dim instance As ProfileAttribute
Dim targetElement As Object
Dim value As PostSharp.Aspects.Configuration.AspectConfiguration

value = instance.GetAspectConfiguration(targetElement)
```

```csharp
    object targetElement
)
```

```cpp
public:  
    Object^ targetElement
)
Profile Namespace > ProfileAttribute Class: GetAspectConfiguration

**GetAspectConfiguration Method**

**Visual Basic**

```vbnet
Function GetAspectConfiguration(_
    ByVal targetElement As Object _
    PostSharp.Aspects.Configuration.AspectConfiguration instance As ProfileAttribute
    targetElement As Object
    value As PostSharp.Aspects.Configuration.AspectConfiguration

    = instance.GetAspectConfiguration(targetElement)

      ect targetElement

      ect^ targetElement
```
OnException Method

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

<!--Code Block-->

<PostSharp.Aspects.Internals.MethodExecutionAdviceOptimization
Attribute(MethodExecutionAdviceOptimizations.IgnoreAdvice)>
<PostSharp.Aspects.Internals.RequiresMethodExecutionAdviceAnalysisAttribute()>
<PostSharp.Aspects.Internals.RequiresDebuggerEnhancementAttribute(Kind=DebuggerStepOverAspectBehavior.StepOut,
AttributeTargetElements=MulticastTargets.Class Or _
MulticastTargets.Struct Or _
MulticastTargets.Enum Or _
MulticastTargets.Delegate Or _
MulticastTargets.Interface Or _
MulticastTargets.AnyType Or _
MulticastTargets.Field Or _
MulticastTargets.Method Or _
MulticastTargets.Constructor Or _
MulticastTargets.InstanceConstructor Or _
MulticastTargets.StaticConstructor Or _
MulticastTargets.Property Or _
MulticastTargets.Event Or _
MulticastTargets.AnyMember Or _
MulticastTargets.Assembly Or _
MulticastTargets.Parameter Or _
MulticastTargets.ReturnValue Or _
MulticastTargets.All,
AttributeTargetAssemblies="",}
OnException Method

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

<PostSharp.Aspects.Internals.RequiresMethodExecutionAdviceAnalysisAttribute()>
<PostSharp.Aspects.Internals.RequiresDebuggerEnhancementAttribute(Kind=DebuggerStepOverAspectBehavior.StepOut,
AttributeTargetElements=MulticastTargets.Class Or _
MulticastTargets.Struct Or _
MulticastTargets.Enum Or _
MulticastTargets.Delegate Or _
MulticastTargets.Interface Or _
MulticastTargets.AnyType Or _
MulticastTargets.Field Or _
MulticastTargets.Method Or _
MulticastTargets.Constructor Or _
MulticastTargets.InstanceConstructor Or _
MulticastTargets.StaticConstructor Or _
MulticastTargets.Property Or _
MulticastTargets.Event Or _
MulticastTargets.AnyMember Or _
MulticastTargets.Assembly Or _
MulticastTargets.Parameter Or _
MulticastTargets.ReturnValue Or _
MulticastTargets.All,
AttributeTargetAssemblies=""
OnSuccess Method

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

<PostSharp.Aspects.Internals.RequiresMethodExecutionAdviceAnalysisAttribute()>
<PostSharp.Aspects.Internals.RequiresDebuggerEnhancementAttribute(Kind=DebuggerStepOverAspectBehavior.StepOut,
    AttributeTargetElements=MulticastTargets.Class Or _
    MulticastTargets.Struct Or _
    MulticastTargets.Enum Or _
    MulticastTargets.Delegate Or _
    MulticastTargets.Interface Or _
    MulticastTargets.AnyType Or _
    MulticastTargets.Field Or _
    MulticastTargets.Method Or _
    MulticastTargets.Constructor Or _
    MulticastTargets.InstanceConstructor Or _
    MulticastTargets.StaticConstructor Or _
    MulticastTargets.Property Or _
    MulticastTargets.Event Or _
    MulticastTargets.AnyMember Or _
    MulticastTargets.Assembly Or _
    MulticastTargets.Parameter Or _
    MulticastTargets.ReturnValue Or _
    MulticastTargets.All,
    AttributeTargetAssemblies=""
RuntimeInitialize Method

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Sub RuntimeInitialize( _
    ByVal method As MethodBase _
)   

'Usage

Dim instance As ProfileAttribute
Dim method As MethodBase

instance.RuntimeInitialize(method)

[PostSharp.Aspects.Internals.RuntimeInitializeOptimization(Run
timeInitializeOptimizations.Ignore)]
public void RuntimeInitialize( _
    MethodBase method _
)   

[PostSharp.Aspects.Internals.RuntimeInitializeOptimization(Run
timeInitializeOptimizations.Ignore)]
public:
RuntimeInitialize Method

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Sub RuntimeInitialize(_
   ByVal method As MethodBase _
)

'Usage

Dim instance As ProfileAttribute
Dim method As MethodBase

instance.RuntimeInitialize(method)

[PostSharp.Aspects.Internals.RuntimeInitializeOptimization(Run
timeInitializeOptimizations.Ignore)]
public void RuntimeInitialize(
   MethodBase method
)

[PostSharp.Aspects.Internals.RuntimeInitializeOptimization(Run
timeInitializeOptimizations.Ignore)]
public:
CreateAspectConfiguration Method

Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

### Declaration

```vbnet
Protected Function CreateAspectConfiguration() As PostSharp.Aspects.Configuration.AspectConfiguration
```

### Usage

```vbnet
dim instance As ProfileAttribute
dim value As PostSharp.Aspects.Configuration.AspectConfiguration

value = instance.CreateAspectConfiguration()


protected:
```
Function CreateAspectConfiguration() As PostSharp.Aspects.Configuration.AspectConfiguration

As ProfileAttribute

As PostSharp.Aspects.Configuration.AspectConfiguration

instance.CreateAspectConfiguration()
SetAspectConfiguration Method

▲ Overload List

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<td>SetAspectConfiguration(AspectConfiguration,Object)</td>
<td>(Inherited from PostSharp.Aspects.MethodLevelAspect)</td>
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▲ Requirements

**Target Platforms:** Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

▲ See Also

Reference
ProfileAttribute Class
spectConfiguration Method

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<tr>
<td>SetAspectConfiguration(AspectConfiguration,MethodBase)</td>
<td>(Inherited from PostSharp.Aspects.OnMethodBoundaryAspect)</td>
</tr>
<tr>
<td>SetAspectConfiguration(AspectConfiguration,Object)</td>
<td>(Inherited from PostSharp.Aspects.MethodLevelAspect)</td>
</tr>
</tbody>
</table>

Requirements

Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

Also

ProfileAttribute Class
MNG.Profiler.Collections
Namespace Inheritance Hierarchy

Inheritance Hierarchy

System.Object  MNG.Profiler.Collections.SignalConcurrentQueue<T>
   System.EventArgs
       MNG.Profiler.Collections.SignalConcurrentQueueEventArgs

See Also

Reference

MNG.Profiler Assembly

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MNG.Profiler.Collections

Namespace Inheritance Hierarchy

Inheritance Hierarchy

- System.Object
- MNG.Profiler.Collections.SignalConcurrentQueue<T>
- System.EventArgs
- MNG.Profiler.Collections.SignalConcurrentQueueEventArgs

See Also

Reference
- MNG.Profiler Assembly

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MNG.Profiler.Controllers
Namespace Inheritance Hierarchy

- Inheritance Hierarchy
  - System.Object  MNG.Profiler.Controllers.ProfileController

- See Also
  - Reference
    MNG.Profiler Assembly
CompileTimeValidate(MethodBase) Method

Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

```
'Declaration

Public Overloads Function CompileTimeValidate( _
   ByVal method As MethodBase _
) As Boolean

'Usage

Dim instance As ProfileAttribute
Dim method As MethodBase
Dim value As Boolean

value = instance.CompileTimeValidate(method)

public bool CompileTimeValidate(
   MethodBase method
)

public:

bool CompileTimeValidate(
   MethodBase^ method
)
```
CompileTimeValidate Method

MethodBas
CompileTimeValidate(Object)
Method

Syntax

- Visual Basic
- C#
- C++/CLI

'Declaration

Public Overloads Function CompileTimeValidate( _
    ByVal target As Object _
) As Boolean

'Usage

Dim instance As ProfileAttribute
Dim target As Object
Dim value As Boolean

value = instance.CompileTimeValidate(target)

public bool CompileTimeValidate(
    object target
)

public:
bool CompileTimeValidate(
    Object^ target
)
Class > CompileTimeValidate Method

Object

value = instance.CompileTimeValidate(target)
SetAspectConfiguration(AspectConfiguration, MethodBase) Method

**Syntax**

- **Visual Basic**
  ```vbnet
  Protected Overloads Sub SetAspectConfiguration( _
    ByVal aspectConfiguration As PostSharp.Aspects.Configuration.AspectConfiguration, _
    ByVal targetMethod As MethodBase _
  )
  
  Dim instance As ProfileAttribute
  Dim aspectConfiguration As PostSharp.Aspects.Configuration.AspectConfiguration
  Dim targetMethod As MethodBase
  
  instance.SetAspectConfiguration(aspectConfiguration, targetMethod)
  ```

- **C#**
  ```csharp
  protected void SetAspectConfiguration(
    PostSharp.Aspects.Configuration.AspectConfiguration aspectConfiguration, 
    MethodBase targetMethod
  )
  ```

- **C++/CLI**
  ```cpp
  protected void SetAspectConfiguration(
    PostSharp.Aspects.Configuration.AspectConfiguration aspectConfiguration, 
    MethodBase targetMethod
  )
  ```
SetAspectConfiguration Method
SetAspectConfiguration(AspectConfiguration, Object) Method

Syntax

- **Visual Basic**
- **C#**
- **C++/CLI**

**Declaration**

```vbnet
Protected Overloads Sub SetAspectConfiguration( _
    ByVal aspectConfiguration As PostSharp.Aspects.Configuration.AspectConfiguration, _
    ByVal targetElement As Object _
) _
```

**Usage**

```csharp
Dim instance As ProfileAttribute
Dim aspectConfiguration As PostSharp.Aspects.Configuration.AspectConfiguration
Dim targetElement As Object

instance.SetAspectConfiguration(aspectConfiguration, targetElement)
```

```c++
protected void SetAspectConfiguration(
    PostSharp.Aspects.Configuration.AspectConfiguration aspectConfiguration,
    object targetElement
) _
```
on Method
MNG.Profiler.Data Namespace

Inheritance Hierarchy

- System.Object

See Also

Reference

- MNG.Profiler Assembly

Send Feedback
MNG.Profiler.Data.ADO
Namespace Inheritance Hierarchy

▲ Inheritance Hierarchy

  System.Object  MNG.Profiler.Data.ADO.DBContext
  MNG.Profiler.Data.ADO.UnitOfWork

▲ See Also

Reference
  MNG.Profiler Assembly
MNG.Profiler.Data.ADO.Extensions Namespace Inheritance Hierarchy

- Inheritance Hierarchy
  - System.Object
  - MNG.Profiler.Data.ADO.Extensions.IDataRecordExtension

- See Also

  Reference
  - MNG.Profiler Assembly
MNG.Profiler.Data.ADO.Extension

Namespace Inheritance Hierarchy

System.Object  MNG.Profiler.Data.ADO.Extensions.IDataRecordExtensions

See Also

Reference

MNG.Profiler Assembly

Feedback
MNG.Profiler.Data.ADO.Repositories Namespace Inheritance Hierarchy

Inheritance Hierarchy

System.Object  MNG.Profiler.Data.ADO.Repositories.Repository<T>
MNG.Profiler.Data.ADO.Repositories.ApplicationInstanceRepository
MNG.Profiler.Data.ADO.Repositories.PerformanceEventRepository

See Also

Reference
MNG.Profiler Assembly

Send Feedback
MNG.Profiler.Data.ADO.Repositories Namespace Inheritance Hierarchy

**Inheritance Hierarchy**

- `System.Object`
- `MNG.Profiler.Data.ADO.Repositories.Repository<T>`
- `MNG.Profiler.Data.ADO.Repositories.ApplicationInstanceRepository`
- `MNG.Profiler.Data.ADO.Repositories.PerformanceEventRepository`

**See Also**

Reference

- MNG.Profiler Assembly
MNG.Profiler.Data.Core
Namespace Inheritance Hierarchy

- Inheritance Hierarchy
  System.Object

- See Also
  Reference
  MNG.Profiler Assembly
MNG.Profiler.Data.Core.Domain Namespace Inheritance Hierarchy

Inheritance Hierarchy


See Also

Reference

MNG.Profiler Assembly
MNG.Profiler.Data.Core.Repositories Namespace Inheritance Hierarchy

- Inheritance Hierarchy
  System.Object

- See Also
  Reference
  MNG.Profiler Assembly
MNG.Profiler.Data.Exceptions Namespace Inheritance Hierarchy

### Inheritance Hierarchy

- System.Object
- System.Exception
- MNG.Profiler.Data.Exceptions.DataAccessException

### See Also

Reference

MNG.Profiler Assembly
MNG.Profiler.Data.Factories
Namespace Inheritance Hierarchy

- Inheritance Hierarchy


- See Also

  Reference

  MNG.Profiler Assembly
MNG.Profiler.Exceptions

Namespace Inheritance Hierarchy

Inheritance Hierarchy

- System.Object
- System.Exception
- MNG.Profiler.Exceptions.ProfilerException

See Also

- Reference
  - MNG.Profiler Assembly

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PostSharp.ImplementationDetails_113ed052 Namespace
Inheritance Hierarchy

- Inheritance Hierarchy
  - System.Object
  - PostSharp.ImplementationDetails_113ed052.z__Activ

- See Also

  Reference
  - MNG.Profiler Assembly

Send Feedback
PostSharp.ImplementationDetails
113ed052 Namespace
Inheritance Hierarchy

Inheritance Hierarchy
System.Object  PostSharp.ImplementationDetails_113ed052.z__Activator

See Also
Reference
MNG.Profiler Assembly

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