



MultiArchive SDK .NET Documentation

MultiArchive.SDK Namespace

[Send Feedback](#)

[This is preliminary documentation and is subject to change.]

[Missing <summary> documentation for "N:MultiArchive.SDK"]

☰ Classes

	Class	Description
	SdkLogger	Logger for MultiArchive SDK
	SdkLoggerFactory	Factory for creating a reference to a SdkLogger.

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SdkLogger Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Logger for MultiArchive SDK

Namespace: [MultiArchive.SDK](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public class SdkLogger : MSLogger
```

Visual Basic

```
Public Class SdkLogger  
    Inherits MSLogger
```

Visual C++

```
public ref class SdkLogger : public MSLogger
```

▣ Inheritance Hierarchy

[System.Object](#)

MSLogger

MultiArchive.SDK.SdkLogger

☰ **See Also**

[SdkLogger Members](#)

[MultiArchive.SDK Namespace](#)

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SdkLogger Members

[SdkLogger Class](#) [Constructors](#) [Methods](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [SdkLogger](#) type exposes the following members.

≡ Constructors

	Name	Description
	SdkLogger	Initializes a new instance of the SdkLogger class

Methods

	Name	Description
	Debug	(Inherited from MSLogger .)
	DebugException	(Inherited from MSLogger .)
	Equals	(Inherited from Object .)
	Error	(Inherited from MSLogger .)
	ErrorException	(Inherited from MSLogger .)
	Fatal	(Inherited from MSLogger .)
	FatalException	(Inherited from MSLogger .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetLoggerRef	(Inherited from MSLogger .)
	GetType	(Inherited from Object .)
	Info	(Inherited from MSLogger .)
	InfoException	(Inherited from MSLogger .)
	IsEnabled	Method for specifying if logging is enabled. (Overrides MSLogger.IsEnabled() .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Object .)
	Trace	(Inherited from MSLogger .)
	TraceException	(Inherited from MSLogger .)
	Warn	(Inherited from MSLogger .)
	WarnException	(Inherited from MSLogger .)

☰ **See Also**

[SdkLogger Class](#)

[MultiArchive.SDK Namespace](#)

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SdkLogger Constructor

[SdkLogger Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Initializes a new instance of the [SdkLogger](#) class

Namespace: [MultiArchive.SDK](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public SdkLogger()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
SdkLogger()
```

☰ **See Also**

[SdkLogger Class](#)

[SdkLogger Members](#)

[MultiArchive.SDK Namespace](#)

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SdkLogger Methods

[SdkLogger Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [SdkLogger](#) type exposes the following members.

Methods

	Name	Description
	Debug	(Inherited from MSLogger .)
	DebugException	(Inherited from MSLogger .)
	Equals	(Inherited from Object .)
	Error	(Inherited from MSLogger .)
	ErrorException	(Inherited from MSLogger .)
	Fatal	(Inherited from MSLogger .)
	FatalException	(Inherited from MSLogger .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetLoggerRef	(Inherited from MSLogger .)
	GetType	(Inherited from Object .)
	Info	(Inherited from MSLogger .)
	InfoException	(Inherited from MSLogger .)
	IsEnabled	Method for specifying if logging is enabled. (Overrides MSLogger.IsEnabled() .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Object .)
	Trace	(Inherited from MSLogger .)
	TraceException	(Inherited from MSLogger .)
	Warn	(Inherited from MSLogger .)
	WarnException	(Inherited from MSLogger .)

☰ **See Also**

[SdkLogger Class](#)

[MultiArchive.SDK Namespace](#)

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SdkLogger.IsEnabled Method

[SdkLogger Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for specifying if logging is enabled.

Namespace: [MultiArchive.SDK](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public override bool IsEnabled()
```

Visual Basic

```
Public Overrides Function IsEnabled As Boolean
```

Visual C++

```
public:  
virtual bool IsEnabled() override
```

Return Value

Type: [Boolean](#)

A boolean value indicating whether or not logging is enabled.

☰ **See Also**

[SdkLogger Class](#)

[SdkLogger Members](#)

[MultiArchive.SDK Namespace](#)

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SdkLoggerFactory Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Factory for creating a reference to a `SdkLogger`.

Namespace: [MultiArchive.SDK](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public class SdkLoggerFactory
```

Visual Basic

```
Public Class SdkLoggerFactory
```

Visual C++

```
public ref class SdkLoggerFactory
```

▣ **Inheritance Hierarchy**

[System.Object](#)

MultiArchive.SDK.SdkLoggerFactory

☰ **See Also**

[SdkLoggerFactory Members](#)

[MultiArchive.SDK Namespace](#)

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SdkLoggerFactory Members

[SdkLoggerFactory Class](#) [Constructors](#) [Methods](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [SdkLoggerFactory](#) type exposes the following members.

☰ Constructors

	Name	Description
	SdkLoggerFactory	Initializes a new instance of the SdkLoggerFactory class

Methods

	Name	Description
	CreateLogger	Method for creating an instance of a SdkLogger.
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Object .)

☰ **See Also**

[SdkLoggerFactory Class](#)

[MultiArchive.SDK Namespace](#)

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SdkLoggerFactory Constructor

[SdkLoggerFactory Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Initializes a new instance of the [SdkLoggerFactory](#) class

Namespace: [MultiArchive.SDK](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public SdkLoggerFactory()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
SdkLoggerFactory()
```

☰ **See Also**

[SdkLoggerFactory Class](#)

[SdkLoggerFactory Members](#)

[MultiArchive.SDK Namespace](#)

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SdkLoggerFactory Methods

[SdkLoggerFactory Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [SdkLoggerFactory](#) type exposes the following members.

Methods

	Name	Description
	CreateLogger	Method for creating an instance of a SdkLogger.
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Object .)

☰ **See Also**

[SdkLoggerFactory Class](#)

[MultiArchive.SDK Namespace](#)

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SdkLoggerFactory.CreateLogger Method

[SdkLoggerFactory Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for creating an instance of a `SdkLogger`.

Namespace: [MultiArchive.SDK](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public static MSLogger CreateLogger(  
    Type loggerId  
)
```

Visual Basic

```
Public Shared Function CreateLogger (  
    loggerId As Type  
) As MSLogger
```

Visual C++

```
public:  
static MSLogger^ CreateLogger(  
    Type^ loggerId  
)
```

Parameters

loggerId

Type: [System.Type](#)

[Missing <param name="loggerId"/> documentation for

"M:MultiArchive.SDK.SdkLoggerFactory.CreateLogger(System.Type)"]

Return Value

Type: **MSLogger**

[Missing <returns> documentation for

"M:MultiArchive.SDK.SdkLoggerFactory.CreateLogger(System.Type)"]

☰ **See Also**

[SdkLoggerFactory Class](#)

[SdkLoggerFactory Members](#)

[MultiArchive.SDK Namespace](#)

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MultiArchive.SDK.Configuration Namespace

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[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"N:MultiArchive.SDK.Configuration"]**

≡ Classes

	Class	Description
	MultiArchiveSdkSettings	Class for holding settings used to create an endpoint to MultiArchive server.

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MultiArchive SDK .NET Documentation

MultiArchiveSdkSettings Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Class for holding settings used to create an endpoint to MultiArchive server.

Namespace: [MultiArchive.SDK.Configuration](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public class MultiArchiveSdkSettings
```

Visual Basic

```
Public Class MultiArchiveSdkSettings
```

Visual C++

```
public ref class MultiArchiveSdkSettings
```

▣ **Inheritance Hierarchy**

[System.Object](#)

MultiArchive.SDK.Configuration.MultiArchiveSdkSettings

☰ **See Also**

[MultiArchiveSdkSettings Members](#)

[MultiArchive.SDK.Configuration Namespace](#)

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MultiArchiveSdkSettings Members

[MultiArchiveSdkSettings Class](#) [Constructors](#) [Methods](#) [Properties](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [MultiArchiveSdkSettings](#) type exposes the following members.

≡ Constructors

	Name	Description
	MultiArchiveSdkSettings	Default constructor

☰ **Methods**

	Name	Description
☰	Equals	(Inherited from Object .)
💡	Finalize	(Inherited from Object .)
☰	GetHashCode	(Inherited from Object .)
☰	GetType	(Inherited from Object .)
💡	MemberwiseClone	(Inherited from Object .)
☰	ToString	(Inherited from Object .)

▣ Properties

	Name	Description
	Instance	Returns the current instance of the settings.
	loggingEnabled	Boolean value indicating whether or not logging is enabled.

☰ **See Also**

[MultiArchiveSdkSettings Class](#)

[MultiArchive.SDK.Configuration Namespace](#)

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MultiArchiveSdkSettings Constructor

[MultiArchiveSdkSettings Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor

Namespace: [MultiArchive.SDK.Configuration](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☰ Syntax

C#

```
public MultiArchiveSdkSettings()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
MultiArchiveSdkSettings()
```

☰ **See Also**

[MultiArchiveSdkSettings Class](#)

[MultiArchiveSdkSettings Members](#)

[MultiArchive.SDK.Configuration Namespace](#)

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MultiArchiveSdkSettings Methods

[MultiArchiveSdkSettings Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [MultiArchiveSdkSettings](#) type exposes the following members.

☰ **Methods**

	Name	Description
☰	Equals	(Inherited from Object .)
💡	Finalize	(Inherited from Object .)
☰	GetHashCode	(Inherited from Object .)
☰	GetType	(Inherited from Object .)
💡	MemberwiseClone	(Inherited from Object .)
☰	ToString	(Inherited from Object .)

☰ **See Also**

[MultiArchiveSdkSettings Class](#)

[MultiArchive.SDK.Configuration Namespace](#)

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MultiArchiveSdkSettings Properties

[MultiArchiveSdkSettings Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [MultiArchiveSdkSettings](#) type exposes the following members.

▣ Properties

	Name	Description
	<u>Instance</u>	Returns the current instance of the settings.
	<u>loggingEnabled</u>	Boolean value indicating whether or not logging is enabled.

☰ **See Also**

[MultiArchiveSdkSettings Class](#)

[MultiArchive.SDK.Configuration Namespace](#)

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MultiArchiveSdkSettings.Instance Property

[MultiArchiveSdkSettings Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Returns the current instance of the settings.

Namespace: [MultiArchive.SDK.Configuration](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public static MultiArchiveSdkSettings Instance { get
```

Visual Basic

```
Public Shared ReadOnly Property Instance As MultiArcl  
    Get
```

Visual C++

```
public:  
static property MultiArchiveSdkSettings^ Instance {  
    MultiArchiveSdkSettings^ get ();  
}
```

Property Value

Type: [MultiArchiveSdkSettings](#)

☰ **See Also**

[MultiArchiveSdkSettings Class](#)

[MultiArchiveSdkSettings Members](#)

[MultiArchive.SDK.Configuration Namespace](#)

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MultiArchiveSdkSettings.loggingEnabled Property

[MultiArchiveSdkSettings Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Boolean value indicating whether or not logging is enabled.

Namespace: [MultiArchive.SDK.Configuration](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public bool loggingEnabled { get; set; }
```

Visual Basic

```
Public Property loggingEnabled As Boolean  
    Get  
    Set
```

Visual C++

```
public:  
property bool loggingEnabled {  
    bool get ();  
    void set (bool value);  
}
```

Property Value

Type: [Boolean](#)

☰ **See Also**

[MultiArchiveSdkSettings Class](#)

[MultiArchiveSdkSettings Members](#)

[MultiArchive.SDK.Configuration Namespace](#)

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MultiArchive SDK .NET Documentation

MultiArchive.SDK.Services Namespace

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The namespace `MultiArchive.SDK.Services` includes the service classes used by the integration developer when integrating with MultiArchive through this SDK.

Classes

	Class	Description
	ComponentContentService	<p>This is the service class for working with ComponentContents in MultiArchive.</p> <p>The usage of this class is to retrieve the content of a MultiArchive Item specified by a ContentURN. The content will be returned as a base64Binary object.</p>
	ComponentService	<p>This is the service class for working with Components in MultiArchive.</p> <p>The usage of this class is to retrieve a Component from MultiArchive specified by a ComponentURN. The Component object returned can either be a folder or a specific MultiArchive Item.</p>
	FieldService	
	ItemOperationCompletedEventArgs	Class for
	ItemService	<p>This is the service class for handling the creation of new items in MultiArchive.</p> <p>The usage of this class is to create a new item in MultiArchive specified by an ItemSpecification object. The returned value is the Item URN of the created</p>

		item in MultiArchive.
	LogonService	<p>This is the service class for handling logon request against MultiArchive.</p> <p>The usage of this class is to authenticate users on the MultiArchive and create a Credentials object which can be used by all the other services.</p>
	LogonUrlService	
	NtlmLogonService	<p>This is the service class for handling NTLM logon requests against MultiArchive.</p> <p>The usage of this class is to authenticate users via NTLM against MultiArchive and create a Credentials object which can be used by all the other services.</p>

Delegates

	Delegate	Description
	ItemService.ItemOperationCompletedEventHandler	Delegate for the eventhandler which handles events raised by the eventbased CreateItem.

☰ Enumerations

	Enumeration	Description
	ItemOperationStatus	Public enumeration with statuscode for ItemOperations.

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MultiArchive SDK .NET Documentation

ComponentContentService Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

This is the service class for working with `ComponentContents` in MultiArchive.

The usage of this class is to retrieve the content of a MultiArchive Item specified by a ContentURN. The content will be returned as a `base64Binary` object.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public class ComponentContentService : IDisposable
```

Visual Basic

```
Public Class ComponentContentService  
    Implements IDisposable
```

Visual C++

```
public ref class ComponentContentService : IDisposable
```

▣ Inheritance Hierarchy

[System.Object](#)

MultiArchive.SDK.Services.ComponentContentService

☰ **See Also**

[ComponentContentService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentContentService Members

[ComponentContentService Class](#) [Constructors](#) [Methods](#) [See Also](#) [Send Feedback](#)

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The [ComponentContentService](#) type exposes the following members.

≡ Constructors

	Name	Description
≡	ComponentContentService()	Default constructor.
≡	ComponentContentService(SDKTransportProtocol, String, Int32)	Constructor to use, if there for some reason is no App.config present in the application. The serverAddress can be either an IPv4, IPv6 or a domain address.

Methods

	Name	Description
	Dispose()	Public method for closing the connection to the <code>ComponentContentPortTypeClient</code> correctly.
	Dispose(Boolean)	Releases the unmanaged resources used by the <code>ComponentContentService</code> and optionally releases the managed resources
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	RetrieveContent	<p>Method for retrieving the content of an item from MultiArchive.</p> <p>The URN used for the method should be constructed in one of the following ways: urn:multiarchive:content:A42:25-1 urn:multiarchive:content:A42:25-1#5</p> <p>The first URN will retrieve the content of ItemMaster 25, compound sequence 1 and implicit the latest version. The second URN will retrieve the content from the same document as the first URN, but here it is explicit specified that it shall retrieve the fifth (5.) version of the document.</p>
	ToString	(Inherited from Object .)

☰ **See Also**

[ComponentContentService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentContentService Constructor

[ComponentContentService Class](#) [See Also](#) [Send Feedback](#)

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≡ Overload List

	Name	Description
≡	ComponentContentService()	Default constructor.
≡	ComponentContentService(SDKTransportProtocol, String, Int32)	Constructor to use, if there for some reason is no App.config present in the application. The serverAddress can be either an IPv4, IPv6 or a domain address.

☰ **See Also**

[ComponentContentService Class](#)

[ComponentContentService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentContentService Constructor

[ComponentContentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public ComponentContentService()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
ComponentContentService()
```

☰ **See Also**

[ComponentContentService Class](#)

[ComponentContentService Members](#)

[ComponentContentService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentContentService Constructor (SDKTransportProtocol, String, Int32)

[ComponentContentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor to use, if there for some reason is no App.config present in the application.

The `serverAddress` can be either an IPv4, IPv6 or a domain address.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public ComponentContentService(  
    SDKTransportProtocol protocol,  
    string serverAddress,  
    int port  
)
```

Visual Basic

```
Public Sub New (  
    protocol As SDKTransportProtocol,  
    serverAddress As String,  
    port As Integer  
)
```

Visual C++

```
public:  
ComponentContentService(  
    SDKTransportProtocol protocol,  
    String^ serverAddress,  
    int port  
)
```

Parameters

protocol

Type: [MultiArchive.SDK.ServiceUtils.SDKTransportProtocol](#)

The transport protocol to be used in the endpoint.

serverAddress

Type: [System.String](#)

The address of the MultiArchive server.

port

Type: [System.Int32](#)

The port to be used for the communication

☰ **See Also**

[ComponentContentService Class](#)

[ComponentContentService Members](#)

[ComponentContentService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentContentService Methods

[ComponentContentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentContentService](#) type exposes the following members.

Methods

	Name	Description
	Dispose()	Public method for closing the connection to the <code>ComponentContentPortTypeClient</code> correctly.
	Dispose(Boolean)	
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	RetrieveContent	<p>Method for retrieving the content of an item from MultiArchive.</p> <p>The URN used for the method should be constructed in one of the following ways: urn:multiarchive:content:A42:25-1 urn:multiarchive:content:A42:25-1#5</p> <p>The first URN will retrieve the content of ItemMaster 25, compound sequence 1 and implicit the latest version. The second URN will retrieve the content from the same document as the first URN, but here it is explicit specified that it shall retrieve the fifth (5.) version of the document.</p>
	ToString	(Inherited from Object .)

☰ **See Also**

[ComponentContentService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentContentService.Dispose Method

[ComponentContentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
	Dispose()	Public method for closing the connection to the <code>ComponentContentPortTypeClient</code> correctly.
	Dispose(Boolean)	Releases the unmanaged resources used by the <code>ComponentContentService</code> and optionally releases the managed resources

☰ **See Also**

[ComponentContentService Class](#)

[ComponentContentService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentContentService.Dispose Method

[ComponentContentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Public method for closing the connection to the `ComponentContentPortTypeClient` correctly.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void Dispose()
```

Visual Basic

```
Public Sub Dispose
```

Visual C++

```
public:  
virtual void Dispose() sealed
```

Implements

[IDisposable.Dispose\(\)](#)

☰ **See Also**

[ComponentContentService Class](#)

[ComponentContentService Members](#)

[Dispose Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentContentService.Dispose Method (Boolean)

[ComponentContentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Releases the unmanaged resources used by the [ComponentContentService](#) and optionally releases the managed resources

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
protected virtual void Dispose(  
    bool disposing  
)
```

Visual Basic

```
Protected Overridable Sub Dispose (  
    disposing As Boolean  
)
```

Visual C++

```
protected:  
virtual void Dispose(  
    bool disposing  
)
```

Parameters

disposing

Type: [System.Boolean](#)

True to release both managed and unmanaged resources; false to release only unmanaged resources

☰ **See Also**

[ComponentContentService Class](#)

[ComponentContentService Members](#)

[Dispose Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentContentService.RetrieveContent Method

[ComponentContentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for retrieving the content of an item from MultiArchive.

The URN used for the method should be constructed in one of the following ways:

urn:multiarchive:content:A42:25-1

urn:multiarchive:content:A42:25-1#5

The first URN will retrieve the content of ItemMaster 25, compound sequence 1 and implicit the latest version.

The second URN will retrieve the content from the same document as the first URN, but here it is explicit specified that it shall retrieve the fifth (5.) version of the document.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public base64Binary RetrieveContent(  
    Credentials credentials,  
    string contentUrn  
)
```

Visual Basic

```
Public Function RetrieveContent (  
    credentials As Credentials,  
    contentUrn As String  
) As base64Binary
```

Visual C++

```
public:  
base64Binary^ RetrieveContent(  
    Credentials^ credentials,  
    String^ contentUrn  
)
```

Parameters

credentials

Type: **Credentials**

A **Credentials** object with information about the current user.

contentUrn

Type: [System.String](#)

A string representation of the content URN for the specified item.

Return Value

Type: **base64Binary**

The object returned by this method is a **base64Binary** object which

contains the contents of the item retrieved.

■ Exceptions

Exception	Condi
MultiArchive.SDK.Services.Exceptions.ComponentContentException	Throw Compo if any SOAP MultiA

☰ **See Also**

[ComponentContentService Class](#)

[ComponentContentService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentService Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

This is the service class for working with **Components** in MultiArchive.

The usage of this class is to retrieve a Component from MultiArchive specified by a ComponentURN. The **Component** object returned can either be a folder or a specific MultiArchive Item.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public class ComponentService : IDisposable
```

Visual Basic

```
Public Class ComponentService  
    Implements IDisposable
```

Visual C++

```
public ref class ComponentService : IDisposable
```

▣ **Inheritance Hierarchy**

[System.Object](#)

MultiArchive.SDK.Services.ComponentService

☰ **See Also**

[ComponentService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentService Members

[ComponentService Class](#) [Constructors](#) [Methods](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentService](#) type exposes the following members.

≡ Constructors

	Name	Description
≡	ComponentService()	Default constructor.
≡	ComponentService(SDKTransportProtocol, String, Int32)	Constructor to use, if there for some reason is no App.config present in the application. The <code>serverAddress</code> can be either an IPv4, IPv6 or a domain address.

Methods

	Name	Description
	CancelCheckout	Method for cancelling checkout of an item that has already been checked out of MultiArchive.
	CheckIn	Method for checking in an item to MultiArchive.
	Checkout	Method for checking out an item from MultiArchive. The URN used for this method should be constructed in the following way: urn:multiarchive:content:A42:25-1
	Dispose()	Public method for closing the connection to the ComponentPortTypeClient correctly.
	Dispose(Boolean)	Releases the unmanaged resources used by the ComponentService and optionally releases the managed resources
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	RetrieveComponent	Method for retrieving the content of a folder from MultiArchive. The URN used for the method should be constructed in one of the following ways: urn:multiarchive:folder:A42:/CUSTOMER/1100 urn:multiarchive:item:A42:25 urn:multiarchive:content:A42:25-1 urn:multiarchive:content:A42:25-1#5 The first URN is used for retrieving a folder to traverse its content. The second URN is used to retrieve a specific

item and is used to retrieve a file and its content. The third URN will retrieve the content of ItemMaster 25, compound sequence 1 and implicit the latest version.

The fourth URN will retrieve the content from the same document as the third URN, but here it is explicit specified that it shall retrieve the fifth (5.) version of the document.



[ToString](#)

(Inherited from [Object](#).)

☰ **See Also**

[ComponentService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentService Constructor

[ComponentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
≡	ComponentService()	Default constructor.
≡	ComponentService(SDKTransportProtocol, String, Int32)	Constructor to use, if there for some reason is no App.config present in the application. The <code>serverAddress</code> can be either an IPv4, IPv6 or a domain address.

☰ **See Also**

[ComponentService Class](#)

[ComponentService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentService Constructor

[ComponentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public ComponentService()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
ComponentService()
```

☰ **See Also**

[ComponentService Class](#)

[ComponentService Members](#)

[ComponentService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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ComponentService Constructor (SDKTransportProtocol, String, Int32)

[ComponentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor to use, if there for some reason is no App.config present in the application.

The `serverAddress` can be either an IPv4, IPv6 or a domain address.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public ComponentService(  
    SDKTransportProtocol protocol,  
    string serverAddress,  
    int port  
)
```

Visual Basic

```
Public Sub New (  
    protocol As SDKTransportProtocol,  
    serverAddress As String,  
    port As Integer  
)
```

Visual C++

```
public:  
ComponentService(  
    SDKTransportProtocol protocol,  
    String^ serverAddress,  
    int port  
)
```

Parameters

protocol

Type: [MultiArchive.SDK.ServiceUtils.SDKTransportProtocol](#)

The transport protocol to be used in the endpoint.

serverAddress

Type: [System.String](#)

The address of the MultiArchive server.

port

Type: [System.Int32](#)

The port to be used for the communication

☰ **See Also**

[ComponentService Class](#)

[ComponentService Members](#)

[ComponentService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentService Methods

[ComponentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentService](#) type exposes the following members.

Methods

	Name	Description
	CancelCheckout	Method for cancelling checkout of an item that has already been checked out of MultiArchive.
	CheckIn	Method for checking in an item to MultiArchive.
	Checkout	Method for checking out an item from MultiArchive. The URN used for this method should be constructed in the following way: urn:multiarchive:content:A42:25-1
	Dispose()	Public method for closing the connection to the ComponentPortTypeClient correctly.
	Dispose(Boolean)	
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	RetrieveComponent	Method for retrieving the content of a folder from MultiArchive. The URN used for the method should be constructed in one of the following ways: urn:multiarchive:folder:A42:/CUSTOMER/1100 urn:multiarchive:item:A42:25 urn:multiarchive:content:A42:25-1 urn:multiarchive:content:A42:25-1#5 The first URN is used for retrieving a folder to traverse its content. The second URN is used to retrieve a specific item and is used to retrieve a file and its content. The third URN will retrieve the content of

ItemMaster 25, compound sequence 1 and implicit the latest version.
The fourth URN will retrieve the content from the same document as the third URN, but here it is explicit specified that it shall retrieve the fifth (5.) version of the document.



[ToString](#)

(Inherited from [Object](#).)

☰ **See Also**

[ComponentService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentService.CancelCheckOut Method

[ComponentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for cancelling checkout of an item that has already been checked out of MultiArchive.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public bool CancelCheckout(  
    Credentials credentials,  
    Component component  
)
```

Visual Basic

```
Public Function CancelCheckout (  
    credentials As Credentials,  
    component As Component  
) As Boolean
```

Visual C++

```
public:  
bool CancelCheckout(  
    Credentials^ credentials,  
    Component^ component  
)
```

Parameters

credentials

Type: **Credentials**

A **Credentials** object with information about the current user.

component

Type: **Component**

A **Component** object with information about the component which check out needs to be cancelled.

Return Value

Type: [Boolean](#)

The method returns a boolean indicating whether or not the cancel completed.

☰ **See Also**

[ComponentService Class](#)

[ComponentService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentService.CheckIn Method

[ComponentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for checking in an item to MultiArchive.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public bool CheckIn(  
    Credentials credentials,  
    Component component  
)
```

Visual Basic

```
Public Function CheckIn (  
    credentials As Credentials,  
    component As Component  
) As Boolean
```

Visual C++

```
public:  
bool CheckIn(  
    Credentials^ credentials,  
    Component^ component  
)
```

Parameters

credentials

Type: **Credentials**

A **Credentials** object with information about the current user.

component

Type: **Component**

A **Component** object with information about the component which check out needs to be cancelled.

Return Value

Type: [Boolean](#)

The method returns a boolean indicating whether or not the checkin completed.

☰ **See Also**

[ComponentService Class](#)

[ComponentService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentService.CheckOut Method

[ComponentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for checking out an item from MultiArchive.

The URN used for this method should be constructed in the following way:

urn:multiarchive:content:A42:25-1

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public Component CheckOut(  
    Credentials credentials,  
    string componentUrn  
)
```

Visual Basic

```
Public Function CheckOut (  
    credentials As Credentials,  
    componentUrn As String  
) As Component
```

Visual C++

```
public:  
Component^ CheckOut(  
    Credentials^ credentials,  
    String^ componentUrn  
)
```

Parameters

credentials

Type: **Credentials**

A **Credentials** object with information about the current user.

componentUrn

Type: [System.String](#)

A string representation of the Component URN for the specified item.

Return Value

Type: **Component**

The method returns a **Component** object containing information about the

content of the specified URN.

☰ **See Also**

[ComponentService Class](#)

[ComponentService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentService.Dispose Method

[ComponentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
	Dispose()	Public method for closing the connection to the <code>ComponentPortTypeClient</code> correctly.
	Dispose(Boolean)	Releases the unmanaged resources used by the <code>ComponentService</code> and optionally releases the managed resources

☰ **See Also**

[ComponentService Class](#)

[ComponentService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentService.Dispose Method

[ComponentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Public method for closing the connection to the `ComponentPortTypeClient` correctly.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void Dispose()
```

Visual Basic

```
Public Sub Dispose
```

Visual C++

```
public:  
virtual void Dispose() sealed
```

Implements

[IDisposable.Dispose\(\)](#)

☰ **See Also**

[ComponentService Class](#)

[ComponentService Members](#)

[Dispose Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentService.Dispose Method (Boolean)

[ComponentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Releases the unmanaged resources used by the [ComponentService](#) and optionally releases the managed resources

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

■ Syntax

C#

```
protected virtual void Dispose(  
    bool disposing  
)
```

Visual Basic

```
Protected Overridable Sub Dispose (  
    disposing As Boolean  
)
```

Visual C++

```
protected:  
virtual void Dispose(  
    bool disposing  
)
```

Parameters

disposing

Type: [System.Boolean](#)

True to release both managed and unmanaged resources; false to release only unmanaged resources

☰ **See Also**

[ComponentService Class](#)

[ComponentService Members](#)

[Dispose Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentService.RetrieveComponent Method

[ComponentService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for retrieving the content of a folder from MultiArchive.

The URN used for the method should be constructed in one of the following ways:

urn:multiarchive:folder:A42:/CUSTOMER/1100

urn:multiarchive:item:A42:25

urn:multiarchive:content:A42:25-1

urn:multiarchive:content:A42:25-1#5

The first URN is used for retrieving a folder to traverse its content.

The second URN is used to retrieve a specific item and is used to retrieve a file and its content.

The third URN will retrieve the content of ItemMaster 25, compound sequence 1 and implicit the latest version.

The fourth URN will retrieve the content from the same document as the third URN, but here it is explicit specified that it shall retrieve the fifth (5.) version of the document.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public Component RetrieveComponent(  
    Credentials credentials,  
    string componentUrn  
)
```

Visual Basic

```
Public Function RetrieveComponent (  
    credentials As Credentials,  
    componentUrn As String  
) As Component
```

Visual C++

```
public:  
Component^ RetrieveComponent(  
    Credentials^ credentials,  
    String^ componentUrn  
)
```

Parameters

credentials

Type: **Credentials**

A **Credentials** object with information about the current user.

componentUrn

Type: [System.String](#)

A string representation of the Component URN for the specified Component.

Return Value

Type: **Component**

The method returns a **Component** object containing information about the

folder and all its sub-folders and files.

■ Exceptions

Exception	Condition
MultiArchive.SDK.Services.Exceptions.ComponentException	Throws a ComponentE if any errors sh during the SO. communicatio MultiArchive ·

☰ **See Also**

[ComponentService Class](#)

[ComponentService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

FieldService Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"T:MultiArchive.SDK.Services.FieldService"]**

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public class FieldService : IDisposable
```

Visual Basic

```
Public Class FieldService  
    Implements IDisposable
```

Visual C++

```
public ref class FieldService : IDisposable
```

▣ **Inheritance Hierarchy**

[System.Object](#)

MultiArchive.SDK.Services.FieldService

☰ **See Also**

[FieldService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

FieldService Members

[FieldService Class](#) [Constructors](#) [Methods](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [FieldService](#) type exposes the following members.

≡ Constructors

	Name	Description
	FieldService()	Initializes a new instance of the FieldService class
	FieldService(SDKTransportProtocol, String, Int32)	Constructor to use, if there for some reason is no App.config present in the application. The <code>serverAddress</code> can be either an IPv4, IPv6 or a domain address.

Methods

	Name	Description
	Dispose()	Public method for closing the connection to the <code>FieldPortTypeClient</code> correctly.
	Dispose(Boolean)	Releases the unmanaged resources used by the <code>FieldService</code> and optionally releases the managed resources
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	RetrieveFields(Credentials, String)	
	RetrieveFields(Credentials, String, String)	Method for retrieving field definitions for an item component in MultiArchive. The URN used for the method should be a valid itemURN constructed like 'urn:multiarchive:item:A42:25'
	ToString	(Inherited from Object .)

☰ **See Also**

[FieldService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

FieldService Constructor

[FieldService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
≡	FieldService()	Initializes a new instance of the FieldService class
≡	FieldService(SDKTransportProtocol, String, Int32)	Constructor to use, if there for some reason is no App.config present in the application. The <code>serverAddress</code> can be either an IPv4, IPv6 or a domain address.

☰ **See Also**

[FieldService Class](#)

[FieldService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

FieldService Constructor

[FieldService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Initializes a new instance of the [FieldService](#) class

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public FieldService()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
FieldService()
```

☰ **See Also**

[FieldService Class](#)

[FieldService Members](#)

[FieldService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

FieldService Constructor (SDKTransportProtocol, String, Int32)

[FieldService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor to use, if there for some reason is no App.config present in the application.

The `serverAddress` can be either an IPv4, IPv6 or a domain address.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public FieldService(  
    SDKTransportProtocol protocol,  
    string serverAddress,  
    int port  
)
```

Visual Basic

```
Public Sub New (  
    protocol As SDKTransportProtocol,  
    serverAddress As String,  
    port As Integer  
)
```

Visual C++

```
public:  
FieldService(  
    SDKTransportProtocol protocol,  
    String^ serverAddress,  
    int port  
)
```

Parameters

protocol

Type: [MultiArchive.SDK.ServiceUtils.SDKTransportProtocol](#)

The transport protocol to be used in the endpoint.

serverAddress

Type: [System.String](#)

The address of the MultiArchive server.

port

Type: [System.Int32](#)

The port to be used for the communication

☰ **See Also**

[FieldService Class](#)

[FieldService Members](#)

[FieldService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

FieldService Methods

[FieldService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [FieldService](#) type exposes the following members.

Methods

	Name	Description
	Dispose()	Public method for closing the connection to the <code>FieldPortTypeClient</code> correctly.
	Dispose(Boolean)	
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	RetrieveFields(Credentials, String)	
	RetrieveFields(Credentials, String, String)	Method for retrieving field definitions for an item component in MultiArchive. The URN used for the method should be a valid itemURN constructed like 'urn:multiarchive:item:A42:25'
	ToString	(Inherited from Object .)

☰ **See Also**

[FieldService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

FieldService.Dispose Method

[FieldService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
	Dispose()	Public method for closing the connection to the <code>FieldPortTypeClient</code> correctly.
	Dispose(Boolean)	Releases the unmanaged resources used by the <code>FieldService</code> and optionally releases the managed resources

☰ **See Also**

[FieldService Class](#)

[FieldService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

FieldService.Dispose Method

[FieldService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Public method for closing the connection to the `FieldPortTypeClient` correctly.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public void Dispose()
```

Visual Basic

```
Public Sub Dispose
```

Visual C++

```
public:  
virtual void Dispose() sealed
```

Implements

[IDisposable.Dispose\(\)](#)

☰ **See Also**

[FieldService Class](#)

[FieldService Members](#)

[Dispose Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

FieldService.Dispose Method (Boolean)

[FieldService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Releases the unmanaged resources used by the [FieldService](#) and optionally releases the managed resources

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
protected virtual void Dispose(  
    bool disposing  
)
```

Visual Basic

```
Protected Overridable Sub Dispose (  
    disposing As Boolean  
)
```

Visual C++

```
protected:  
virtual void Dispose(  
    bool disposing  
)
```

Parameters

disposing

Type: [System.Boolean](#)

True to release both managed and unmanaged resources; false to release only unmanaged resources

☰ **See Also**

[FieldService Class](#)

[FieldService Members](#)

[Dispose Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

FieldService.RetrieveFields Method

[FieldService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
≡	RetrieveFields(Credentials, String)	
≡	RetrieveFields(Credentials, String, String)	<p>Method for retrieving field definitions for an item component in MultiArchive.</p> <p>The URN used for the method should be a valid itemURN constructed like 'urn:multiarchive:item:A42:25'</p>

▣ **See Also**

[FieldService Class](#)

[FieldService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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FieldService.RetrieveFields Method (Credentials, String)

[FieldService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

[Missing <summary> documentation for

"M:MultiArchive.SDK.Services.FieldService.RetrieveFields(MultiArchive.V

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public Field[] RetrieveFields(  
    Credentials credentials,  
    string componentUrn  
)
```

Visual Basic

```
Public Function RetrieveFields (  
    credentials As Credentials,  
    componentUrn As String  
) As Field()
```

Visual C++

```
public:  
array<Field^>^ RetrieveFields(  
    Credentials^ credentials,  
    String^ componentUrn  
)
```

Parameters

credentials

Type: **Credentials**

[Missing <param name="credentials"/> documentation for "M:MultiArchive.SDK.Services.FieldService.RetrieveFields(MultiArchive

componentUrn

Type: [System.String](#)

[Missing <param name="componentUrn"/> documentation for "M:MultiArchive.SDK.Services.FieldService.RetrieveFields(MultiArchive

Return Value

Type: **Field[]**

[Missing <returns> documentation for

"M:MultiArchive.SDK.Services.FieldService.RetrieveFields(MultiArchive

☰ **See Also**

[FieldService Class](#)

[FieldService Members](#)

[RetrieveFields Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

FieldService.RetrieveFields Method (Credentials, String, String)

[FieldService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for retrieving field definitions for an item component in MultiArchive.

The URN used for the method should be a valid itemURN constructed like 'urn:multiarchive:item:A42:25'

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public Field[] RetrieveFields(  
    Credentials credentials,  
    string componentUrn,  
    string locale  
)
```

Visual Basic

```
Public Function RetrieveFields (  
    credentials As Credentials,  
    componentUrn As String,  
    locale As String  
) As Field()
```

Visual C++

```
public:  
array<Field^>^ RetrieveFields(  
    Credentials^ credentials,  
    String^ componentUrn,  
    String^ locale  
)
```

Parameters

credentials

Type: **Credentials**

A **Credentials** object with information about the current user.

componentUrn

Type: [System.String](#)

A string representation of the Component URN for the specified Component.

locale

Type: [System.String](#)

A string representation of the locale.

Return Value

Type: **Field[]**

The method returns an array of **Field** definitions for an item component.

☰ **See Also**

[FieldService Class](#)

[FieldService Members](#)

[RetrieveFields Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemOperationCompletedEventArgs Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Class for

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public class ItemOperationCompletedEventArgs : EventArgs
```

Visual Basic

```
Public Class ItemOperationCompletedEventArgs  
    Inherits EventArgs
```

Visual C++

```
public ref class ItemOperationCompletedEventArgs : public EventArgs
```

▣ **Inheritance Hierarchy**

[System.Object](#)

[System.EventArgs](#)

MultiArchive.SDK.Services.ItemOperationCompletedEventArgs

☰ **See Also**

[ItemOperationCompletedEventArgs Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemOperationCompletedEventArgs Members

[ItemOperationCompletedEventArgs Class](#) [Constructors](#) [Methods](#) [Properties](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ItemOperationCompletedEventArgs](#) type exposes the following members.

≡ Constructors

	Name	Description
	ItemOperationCompletedEventArgs	Initializes a new instance of the ItemOperationCompletedEventArgs class

☰ **Methods**

	Name	Description
☰	Equals	(Inherited from Object .)
💡	Finalize	(Inherited from Object .)
☰	GetHashCode	(Inherited from Object .)
☰	GetType	(Inherited from Object .)
💡	MemberwiseClone	(Inherited from Object .)
☰	ToString	(Inherited from Object .)

▣ Properties

	Name	Description
	<u>ErrorMessage</u>	Property for holding the error message if an error occurs.
	<u>ErrorReason</u>	Property for holding the reason if an error occurs.
	<u>ItemOperationException</u>	Property for holding the exception thrown by MultiArchive web service.
	<u>Status</u>	Property for holding the status of the CreateItem call. The status can be OK, Error or Cancelled.
	<u>Urn</u>	Property for holding the ItemURN of the newly created item.

☰ **See Also**

[ItemOperationCompletedEventArgs Class](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemOperationCompletedEventArgs Constructor

[ItemOperationCompletedEventArgs Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Initializes a new instance of the [ItemOperationCompletedEventArgs](#) class

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public ItemOperationCompletedEventArgs()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
ItemOperationCompletedEventArgs()
```

☰ **See Also**

[ItemOperationCompletedEventArgs Class](#)

[ItemOperationCompletedEventArgs Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemOperationCompletedEventArgs Methods

[ItemOperationCompletedEventArgs Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ItemOperationCompletedEventArgs](#) type exposes the following members.

☰ **Methods**

	Name	Description
☰	Equals	(Inherited from Object .)
💡	Finalize	(Inherited from Object .)
☰	GetHashCode	(Inherited from Object .)
☰	GetType	(Inherited from Object .)
💡	MemberwiseClone	(Inherited from Object .)
☰	ToString	(Inherited from Object .)

☰ **See Also**

[ItemOperationCompletedEventArgs Class](#)

[MultiArchive.SDK.Services Namespace](#)

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ItemOperationCompletedEventArgs Properties

[ItemOperationCompletedEventArgs Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ItemOperationCompletedEventArgs](#) type exposes the following members.

▣ Properties

	Name	Description
	<u>ErrorMessage</u>	Property for holding the error message if an error occurs.
	<u>ErrorReason</u>	Property for holding the reason if an error occurs.
	<u>ItemOperationException</u>	Property for holding the exception thrown by MultiArchive web service.
	<u>Status</u>	Property for holding the status of the CreateItem call. The status can be OK, Error or Cancelled.
	<u>Urn</u>	Property for holding the ItemURN of the newly created item.

☰ **See Also**

[ItemOperationCompletedEventArgs Class](#)

[MultiArchive.SDK.Services Namespace](#)

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ItemOperationCompletedEventArgs.ErrorMessage Property

[ItemOperationCompletedEventArgs Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Property for holding the error message if an error occurs.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string ErrorMessage { get; set; }
```

Visual Basic

```
Public Property ErrorMessage As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[ItemOperationCompletedEventArgs Class](#)

[ItemOperationCompletedEventArgs Members](#)

[MultiArchive.SDK.Services Namespace](#)

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ItemOperationCompletedEventArgs.ErrorReason Property

[ItemOperationCompletedEventArgs Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Property for holding the reason if an error occurs.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string ErrorReason { get; set; }
```

Visual Basic

```
Public Property ErrorReason As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[ItemOperationCompletedEventArgs Class](#)

[ItemOperationCompletedEventArgs Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemOperationCompletedEventArgs.ItemOperationException Property

[ItemOperationCompletedEventArgs Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Property for holding the exception thrown by MultiArchive web service.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public MultiArchiveSDKException ItemOperationException
```

Visual Basic

```
Public Property ItemOperationException As MultiArchiveSDKException  
    Get  
    Set
```

Visual C++

```
public:  
property MultiArchiveSDKException^ ItemOperationException  
    MultiArchiveSDKException^ get ();  
    void set (MultiArchiveSDKException^ value);  
}
```

Property Value

Type: [MultiArchiveSDKException](#)

☰ **See Also**

[ItemOperationCompletedEventArgs Class](#)

[ItemOperationCompletedEventArgs Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemOperationCompletedEventArgs.Status Property

[ItemOperationCompletedEventArgs Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Property for holding the status of the CreateItem call. The status can be OK, Error or Cancelled.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public ItemOperationStatus Status { get; set; }
```

Visual Basic

```
Public Property Status As ItemOperationStatus  
    Get  
    Set
```

Visual C++

```
public:  
property ItemOperationStatus Status {  
    ItemOperationStatus get ();  
    void set (ItemOperationStatus value);  
}
```

Property Value

Type: [ItemOperationStatus](#)

☰ **See Also**

[ItemOperationCompletedEventArgs Class](#)

[ItemOperationCompletedEventArgs Members](#)

[MultiArchive.SDK.Services Namespace](#)

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ItemOperationCompletedEventArgs.Urn Property

[ItemOperationCompletedEventArgs Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Property for holding the ItemURN of the newly created item.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string Urn { get; set; }
```

Visual Basic

```
Public Property Urn As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[ItemOperationCompletedEventArgs Class](#)

[ItemOperationCompletedEventArgs Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemOperationStatus Enumeration

[See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Public enumeration with statuscode for ItemOperations.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public enum ItemOperationStatus
```

Visual Basic

```
Public Enumeration ItemOperationStatus
```

Visual C++

```
public enum class ItemOperationStatus
```

▣ Members

	Member name	Value	Description
	Cancelled	0	The operation was cancelled
	Error	1	An error occurred during the operation
	OK	2	The operation went ok

☰ **See Also**

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

This is the service class for handling the creation of new items in MultiArchive.

The usage of this class is to create a new item in MultiArchive specified by an [ItemSpecification](#) object. The returned value is the Item URN of the created item in MultiArchive.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public class ItemService : IDisposable
```

Visual Basic

```
Public Class ItemService  
    Implements IDisposable
```

Visual C++

```
public ref class ItemService : IDisposable
```

▣ **Inheritance Hierarchy**

[System.Object](#)

MultiArchive.SDK.Services.ItemService

☰ **See Also**

[ItemService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService Members

[ItemService Class](#) [Constructors](#) [Methods](#) [Events](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ItemService](#) type exposes the following members.

≡ Constructors

	Name	Description
≡	ItemService()	Default constructor.
≡	ItemService(SDKTransportProtocol, String, Int32)	Constructor to use, if there for some reason is no App.config present in the application. The <code>serverAddress</code> can be either an IPv4, IPv6 or a domain address.
≡	ItemService(SDKTransportProtocol, String, Int32, MessageVersion)	Constructor to use, if there for some reason is no App.config present in the application. The extra parameter <code>messageVersion</code> specifies which message encoding should be used in the endpoint binding.

Methods

	Name	Description
	CreateItem	<p>Method for creating a new item in MultiArchive.</p> <p>The method makes sure that the ItemSpecification contains both field- and content-specifications and then makes an asynchronous call to the MultiArchive webservice. It then waits for the asynchronous call to return before it itself returns the URN of the newly created item.</p>
	CreateItemAsync	<p>Method for creating a new item in MultiArchive.</p> <p>The method makes sure that the ItemSpecification contains both field- and content-specifications and then makes an asynchronous call to the MultiArchive webservice. The return from the web service is not handled by this method but instead by the callback method provided via the parameter callback.</p>
	CreateItemEventbased	<p>Method for creating a new item in MultiArchive.</p> <p>The method makes sure that the ItemSpecification contains both field- and content-specifications and then makes an asynchronous call to the MultiArchive webservice. The return from the web service is not handled by this method but instead by the ItemOperationEventHandler</p>

		which should be handled by the client code.
	Dispose()	Public method for closing the connection to the <code>ItemPortTypeClient</code> correctly.
	Dispose(Boolean)	Releases the unmanaged resources used by the <code>ItemService</code> and optionally releases the managed resources
	EndcreateItem	Method for handling the call to MultiArchive web service to end the creation of a new item. This method wraps the call to the proxy and is used when the asynchronous call to <code>CreateItem</code> is used.
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Object .)

☰ Events

	Name	Description
	ItemOperationCompletedEvent	Public event to be handled by client code, if the eventbased CreateItem is used.

☰ **See Also**

[ItemService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService Constructor

[ItemService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
≡	ItemService()	Default constructor.
≡	ItemService(SDKTransportProtocol, String, Int32)	Constructor to use, if there for some reason is no App.config present in the application. The <code>serverAddress</code> can be either an IPv4, IPv6 or a domain address.
≡	ItemService(SDKTransportProtocol, String, Int32, MessageVersion)	Constructor to use, if there for some reason is no App.config present in the application. The extra parameter <code>messageVersion</code> specifies which message encoding should be used in the endpoint binding.

☰ **See Also**

[ItemService Class](#)

[ItemService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService Constructor

[ItemService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public ItemService()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
ItemService()
```

☰ **See Also**

[ItemService Class](#)

[ItemService Members](#)

[ItemService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService Constructor (SDKTransportProtocol, String, Int32)

[ItemService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor to use, if there for some reason is no App.config present in the application.

The `serverAddress` can be either an IPv4, IPv6 or a domain address.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public ItemService(  
    SDKTransportProtocol protocol,  
    string serverAddress,  
    int port  
)
```

Visual Basic

```
Public Sub New (  
    protocol As SDKTransportProtocol,  
    serverAddress As String,  
    port As Integer  
)
```

Visual C++

```
public:  
ItemService(  
    SDKTransportProtocol protocol,  
    String^ serverAddress,  
    int port  
)
```

Parameters

protocol

Type: [MultiArchive.SDK.ServiceUtils.SDKTransportProtocol](#)

The transport protocol to be used in the endpoint.

serverAddress

Type: [System.String](#)

The address of the MultiArchive server.

port

Type: [System.Int32](#)

The port to be used for the communication.

☰ **See Also**

[ItemService Class](#)

[ItemService Members](#)

[ItemService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService Constructor (SDKTransportProtocol, String, Int32, MessageVersion)

[ItemService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor to use, if there for some reason is no App.config present in the application.

The extra parameter *messageVersion* specifies which message encoding should be used in the endpoint binding.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public ItemService(  
    SDKTransportProtocol protocol,  
    string serverAddress,  
    int port,  
    MessageVersion messageVersion  
)
```

Visual Basic

```
Public Sub New (  
    protocol As SDKTransportProtocol,  
    serverAddress As String,  
    port As Integer,  
    messageVersion As MessageVersion  
)
```

Visual C++

```
public:  
ItemService(  
    SDKTransportProtocol protocol,  
    String^ serverAddress,  
    int port,  
    MessageVersion^ messageVersion  
)
```

Parameters

protocol

Type: [MultiArchive.SDK.ServiceUtils.SDKTransportProtocol](#)

The transport protocol to be used in the endpoint.

serverAddress

Type: [System.String](#)

The address of the MultiArchive server.

port

Type: [System.Int32](#)

The port to be used for the communication.

messageVersion

Type: [System.ServiceModel.Channels.MessageVersion](#)

The message encoding used for the SOAP messaging.

☰ **See Also**

[ItemService Class](#)

[ItemService Members](#)

[ItemService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService Methods

[ItemService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ItemService](#) type exposes the following members.

Methods

	Name	Description
	CreateItem	<p>Method for creating a new item in MultiArchive.</p> <p>The method makes sure that the ItemSpecification contains both field- and content-specifications and then makes an asynchronous call to the MultiArchive webservice. It then waits for the asynchronous call to return before it itself returns the URN of the newly created item.</p>
	CreateItemAsync	<p>Method for creating a new item in MultiArchive.</p> <p>The method makes sure that the ItemSpecification contains both field- and content-specifications and then makes an asynchronous call to the MultiArchive webservice. The return from the web service is not handled by this method but instead by the callback method provided via the parameter callback.</p>
	CreateItemEventbased	<p>Method for creating a new item in MultiArchive.</p> <p>The method makes sure that the ItemSpecification contains both field- and content-specifications and then makes an asynchronous call to the MultiArchive webservice. The return from the web service is not handled by this method but instead by the ItemOperationEventHandler</p>

		which should be handled by the client code.
	Dispose()	Public method for closing the connection to the <code>ItemPortTypeClient</code> correctly.
	Dispose(Boolean)	
	EndcreateItem	Method for handling the call to MultiArchive web service to end the creation of a new item. This method wraps the call to the proxy and is used when the asynchronous call to <code>CreateItem</code> is used.
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Object .)

☰ **See Also**

[ItemService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService.CreateItem Method

[ItemService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for creating a new item in MultiArchive.

The method makes sure that the `ItemSpecification` contains both field- and content-specifications and then makes an asynchronous call to the MultiArchive webservice. It then waits for the asynchronous call to return before it itself returns the URN of the newly created item.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

■ Syntax

C#

```
public string CreateItem(  
    Credentials credentials,  
    ItemSpecification itemSpecification  
)
```

Visual Basic

```
Public Function CreateItem (  
    credentials As Credentials,  
    itemSpecification As ItemSpecification  
) As String
```

Visual C++

```
public:  
String^ CreateItem(  
    Credentials^ credentials,  
    ItemSpecification^ itemSpecification  
)
```

Parameters

credentials

Type: **Credentials**

A **Credentials** object with information about the current user.

itemSpecification

Type: **ItemSpecification**

A **ItemSpecification** object containing information about the item being created.

Return Value

Type: [String](#)

The returned object from this method is a string representation of the item URN returned from MultiArchive.

■ Exceptions

Exception	Condition
MultiArchive.SDK.Services.Exceptions.LogonException	Throws the Cre longer v
MultiArchive.SDK.Services.Exceptions.ItemException	Throws either F or Con are mis problem ItemS to the w
MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException	Throws Multi if an un

☰ **See Also**

[ItemService Class](#)

[ItemService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService.CreateItemAsync Method

[ItemService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for creating a new item in MultiArchive.

The method makes sure that the [ItemSpecification](#) contains both field- and content-specifications and then makes an asynchronous call to the MultiArchive webservice. The return from the web service is not handled by this method but instead by the callback method provided via the parameter [callback](#).

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public IAsyncResult CreateItemAsync(  
    Credentials credentials,  
    ItemSpecification itemSpecification,  
    AsyncCallback callback,  
    Object asyncState  
)
```

Visual Basic

```
Public Function CreateItemAsync (  
    credentials As Credentials,  
    itemSpecification As ItemSpecification,  
    callback As AsyncCallback,  
    asyncState As Object  
) As IAsyncResult
```

Visual C++

```
public:  
IAsyncResult^ CreateItemAsync(  
    Credentials^ credentials,  
    ItemSpecification^ itemSpecification,  
    AsyncCallback^ callback,  
    Object^ asyncState  
)
```

Parameters

credentials

Type: **Credentials**

A **Credentials** object with information about the current user.

itemSpecification

Type: **ItemSpecification**

A `ItemSpecification` object containing information about the item being created.

callback

Type: [System.AsyncCallback](#)

A `IAsyncCallback` object which will be the method in the client that will handle the callbacks when MultiArchive have finished creating the specified item.

asyncState

Type: [System.Object](#)

An object which is a holder sent back and forth between the client and MultiArhive web service.

Return Value

Type: [IAsyncResult](#)

The returned object from this method is an `IAsyncResult`.

■ Exceptions

Exception	Condition
MultiArchive.SDK.Services.Exceptions.LogonException	Throws the Cre longer v
MultiArchive.SDK.Services.Exceptions.ItemException	Throws either F or Con are mis problem ItemS to the w
MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException	Throws Multi if an un

☰ **See Also**

[ItemService Class](#)

[ItemService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService.CreateItemEventbased Method

[ItemService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for creating a new item in MultiArchive.

The method makes sure that the `ItemSpecification` contains both field- and content-specifications and then makes an asynchronous call to the MultiArchive webservice. The return from the web service is not handled by this method but instead by the `ItemOperationEventHandler` which should be handled by the client code.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void CreateItemEventbased(  
    Credentials credentials,  
    ItemSpecification itemSpecification  
)
```

Visual Basic

```
Public Sub CreateItemEventbased (  
    credentials As Credentials,  
    itemSpecification As ItemSpecification  
)
```

Visual C++

```
public:  
void CreateItemEventbased(  
    Credentials^ credentials,  
    ItemSpecification^ itemSpecification  
)
```

Parameters

credentials

Type: **Credentials**

A **Credentials** object with information about the current user.

itemSpecification

Type: **ItemSpecification**

A **ItemSpecification** object containing information about the item being created.

■ Exceptions

Exception	Condition
MultiArchive.SDK.Services.Exceptions.ItemException	Throws an ItemExc if either FieldSpecifica: ContentSpecifi are missing.

☰ **See Also**

[ItemService Class](#)

[ItemService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService.Dispose Method

[ItemService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
	Dispose()	Public method for closing the connection to the <code>ItemPortTypeClient</code> correctly.
	Dispose(Boolean)	Releases the unmanaged resources used by the ItemService and optionally releases the managed resources

☰ **See Also**

[ItemService Class](#)

[ItemService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService.Dispose Method

[ItemService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Public method for closing the connection to the `ItemPortTypeClient` correctly.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void Dispose()
```

Visual Basic

```
Public Sub Dispose
```

Visual C++

```
public:  
virtual void Dispose() sealed
```

Implements

[IDisposable.Dispose\(\)](#)

☰ **See Also**

[ItemService Class](#)

[ItemService Members](#)

[Dispose Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService.Dispose Method (Boolean)

[ItemService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Releases the unmanaged resources used by the [ItemService](#) and optionally releases the managed resources

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
protected virtual void Dispose(  
    bool disposing  
)
```

Visual Basic

```
Protected Overridable Sub Dispose (  
    disposing As Boolean  
)
```

Visual C++

```
protected:  
virtual void Dispose(  
    bool disposing  
)
```

Parameters

disposing

Type: [System.Boolean](#)

True to release both managed and unmanaged resources; false to release only unmanaged resources

☰ **See Also**

[ItemService Class](#)

[ItemService Members](#)

[Dispose Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService.EndcreateItem Method

[ItemService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for handling the call to MultiArchive web service to end the creation of a new item.

This method wraps the call to the proxy and is used when the asynchronous call to CreateItem is used.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public string EndcreateItem(  
    IAsyncResult ar  
)
```

Visual Basic

```
Public Function EndcreateItem (  
    ar As IAsyncResult  
) As String
```

Visual C++

```
public:  
String^ EndcreateItem(  
    IAsyncResult^ ar  
)
```

Parameters

ar

Type: [System.IAsyncResult](#)

An [IAsyncResult](#) object containing information about the asynchronous call to [CreateItem](#).

Return Value

Type: [String](#)

The returned object from this method is a string representation of the item URN returned from [MultiArchive](#).

■ Exceptions

Exception	Condit
MultiArchive.SDK.Services.Exceptions.ItemException	Throws error of the End MultiA
MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException	Throws Multi if an un

☰ **See Also**

[ItemService Class](#)

[ItemService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

ItemService Events

[ItemService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ItemService](#) type exposes the following members.

☰ Events

	Name	Description
	ItemOperationCompletedEvent	Public event to be handled by client code, if the eventbased CreateItem is used.

☰ **See Also**

[ItemService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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ItemService.ItemOperationCompletedEvent Event

[ItemService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Public event to be handled by client code, if the eventbased CreateItem is used.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

■ Syntax

C#

```
public event ItemService.ItemOperationCompletedEventI
```

Visual Basic

```
Public Event ItemOperationCompletedEvent As ItemServ:
```

Visual C++

```
public:  
    event ItemService.ItemOperationCompletedEventHandle  
        void add (ItemService.ItemOperationCompletedI  
        void remove (ItemService.ItemOperationComple  
}
```

Value

Type:

[MultiArchive.SDK.Services.ItemService.ItemOperationCompletedEventHandl](#)

☰ **See Also**

[ItemService Class](#)

[ItemService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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ItemService.ItemOperationCompletedEventHandler Delegate

[ItemService Class](#) [See Also](#) [Send Feedback](#)

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Delegate for the eventhandler which handles events raised by the eventbased CreateItem.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

■ Syntax

C#

```
public delegate void ItemOperationCompletedEventHandl  
    Object sender,  
    ItemOperationCompletedEventArgs itemOperation  
)
```

Visual Basic

```
Public Delegate Sub ItemOperationCompletedEventHandl  
    sender As Object,  
    itemOperationCompletedEventArguments As Item  
)
```

Visual C++

```
public delegate void ItemOperationCompletedEventHandl  
    Object^ sender,  
    ItemOperationCompletedEventArgs^ itemOperati  
)
```

Parameters

sender

Type: [System.Object](#)

itemOperationCompletedEventArguments

Type: [MultiArchive.SDK.Services.ItemOperationCompletedEventArgs](#)

☰ **See Also**

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonService Class

[Members](#) [See Also](#) [Send Feedback](#)

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This is the service class for handling logon request against MultiArchive.

The usage of this class is to authenticate users on the MultiArchive and create a **Credentials** object which can be used by all the other services.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public class LogonService : IDisposable
```

Visual Basic

```
Public Class LogonService  
    Implements IDisposable
```

Visual C++

```
public ref class LogonService : IDisposable
```

▣ **Inheritance Hierarchy**

[System.Object](#)

MultiArchive.SDK.Services.LogonService

☰ **See Also**

[LogonService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonService Members

[LogonService Class](#) [Constructors](#) [Methods](#) [See Also](#) [Send Feedback](#)

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The [LogonService](#) type exposes the following members.

≡ Constructors

	Name	Description
≡	LogonService()	Default constructor.
≡	LogonService(SDKTransportProtocol, String, Int32)	Constructor to use, if there for some reason is no App.config present in the application. The serverAddress can be either an IPv4, IPv6 or a domain address.

Methods

	Name	Description
	Authenticate	Authenticating a user against MultiArchive and returns a Credentials object containing a securitytoken and sessionId. The credentials must be used when invoking all other services on MultiArchive.
	Dispose()	Public method for closing the connection to the ItemPortTypeClient correctly.
	Dispose(Boolean)	Releases the unmanaged resources used by the LogonService and optionally releases the managed resources
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Object .)

▣ See Also

[LogonService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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LogonService Constructor

[LogonService Class](#) [See Also](#) [Send Feedback](#)

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≡ Overload List

	Name	Description
≡	LogonService()	Default constructor.
≡	LogonService(SDKTransportProtocol, String, Int32)	Constructor to use, if there for some reason is no App.config present in the application. The serverAddress can be either an IPv4, IPv6 or a domain address.

▣ **See Also**

[LogonService Class](#)

[LogonService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonService Constructor

[LogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public LogonService()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
LogonService()
```

☰ **See Also**

[LogonService Class](#)

[LogonService Members](#)

[LogonService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonService Constructor (SDKTransportProtocol, String, Int32)

[LogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor to use, if there for some reason is no App.config present in the application.

The `serverAddress` can be either an IPv4, IPv6 or a domain address.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public LogonService(  
    SDKTransportProtocol protocol,  
    string serverAddress,  
    int port  
)
```

Visual Basic

```
Public Sub New (  
    protocol As SDKTransportProtocol,  
    serverAddress As String,  
    port As Integer  
)
```

Visual C++

```
public:  
LogonService(  
    SDKTransportProtocol protocol,  
    String^ serverAddress,  
    int port  
)
```

Parameters

protocol

Type: [MultiArchive.SDK.ServiceUtils.SDKTransportProtocol](#)

The transport protocol to be used in the endpoint.

serverAddress

Type: [System.String](#)

The address of the MultiArchive server.

port

Type: [System.Int32](#)

The port to be used for the communication

☰ **See Also**

[LogonService Class](#)

[LogonService Members](#)

[LogonService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonService Methods

[LogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [LogonService](#) type exposes the following members.

Methods

	Name	Description
	Authenticate	Authenticating a user against MultiArchive and returns a Credentials object containing a securitytoken and sessionId. The credentials must be used when invoking all other services on MultiArchive.
	Dispose()	Public method for closing the connection to the ItemPortTypeClient correctly.
	Dispose(Boolean)	
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Object .)

▣ **See Also**

[LogonService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonService.Authenticate Method

[LogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Authenticating a user against MultiArchive and returns a **Credentials** object containing a securitytoken and sessionId.

The credentials must be used when invoking all other services on MultiArchive.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public Credentials Authenticate(  
    string user,  
    string pass  
)
```

Visual Basic

```
Public Function Authenticate (  
    user As String,  
    pass As String  
) As Credentials
```

Visual C++

```
public:  
Credentials^ Authenticate(  
    String^ user,  
    String^ pass  
)
```

Parameters

user

Type: [System.String](#)

Username for the user to be authenticated.

pass

Type: [System.String](#)

Password for the user to be authenticated.

Return Value

Type: **Credentials**

The method returns a **Credentials** object which is to be used when

invoking other service calls.

■ Exceptions

Exception	Condition
MultiArchive.SDK.Services.Exceptions.LogonException	Throws a LogonException if the specified username and password is not authenticated.

☰ **See Also**

[LogonService Class](#)

[LogonService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonService.Dispose Method

[LogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
	Dispose()	Public method for closing the connection to the <code>ItemPortTypeClient</code> correctly.
	Dispose(Boolean)	Releases the unmanaged resources used by the LogonService and optionally releases the managed resources

▣ **See Also**

[LogonService Class](#)

[LogonService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonService.Dispose Method

[LogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Public method for closing the connection to the `ItemPortTypeClient` correctly.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public void Dispose()
```

Visual Basic

```
Public Sub Dispose
```

Visual C++

```
public:  
virtual void Dispose() sealed
```

Implements

[IDisposable.Dispose\(\)](#)

☰ **See Also**

[LogonService Class](#)

[LogonService Members](#)

[Dispose Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonService.Dispose Method (Boolean)

[LogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Releases the unmanaged resources used by the [LogonService](#) and optionally releases the managed resources

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
protected virtual void Dispose(  
    bool disposing  
)
```

Visual Basic

```
Protected Overridable Sub Dispose (  
    disposing As Boolean  
)
```

Visual C++

```
protected:  
virtual void Dispose(  
    bool disposing  
)
```

Parameters

disposing

Type: [System.Boolean](#)

True to release both managed and unmanaged resources; false to release only unmanaged resources

☰ **See Also**

[LogonService Class](#)

[LogonService Members](#)

[Dispose Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonUrlService Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"T:MultiArchive.SDK.Services.LogonUrlService"]**

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public class LogonUrlService
```

Visual Basic

```
Public Class LogonUrlService
```

Visual C++

```
public ref class LogonUrlService
```

▣ **Inheritance Hierarchy**

[System.Object](#)

MultiArchive.SDK.Services.LogonUrlService

☰ **See Also**

[LogonUrlService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonUrlService Members

[LogonUrlService Class](#) [Constructors](#) [Methods](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [LogonUrlService](#) type exposes the following members.

≡ Constructors

	Name	Description
≡	LogonUrlService()	Default constructor
≡	LogonUrlService(SDKTransportProtocol, String, Int32)	Initializes a new instance of the LogonUrlService class

☰ **Methods**

	Name	Description
☰	<u>Authenticate</u>	
☰	<u>Equals</u>	(Inherited from <u>Object.</u>)
💡☰	<u>Finalize</u>	(Inherited from <u>Object.</u>)
☰	<u>GetHashCode</u>	(Inherited from <u>Object.</u>)
☰	<u>GetType</u>	(Inherited from <u>Object.</u>)
💡☰	<u>MemberwiseClone</u>	(Inherited from <u>Object.</u>)
☰	<u>ToString</u>	(Inherited from <u>Object.</u>)

▣ **See Also**

[LogonUrlService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonUrlService Constructor

[LogonUrlService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
≡	LogonUrlService()	Default constructor
≡	LogonUrlService(SDKTransportProtocol, String, Int32)	Initializes a new instance of the LogonUrlService class

☰ **See Also**

[LogonUrlService Class](#)

[LogonUrlService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonUrlService Constructor

[LogonUrlService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public LogonUrlService()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
LogonUrlService()
```

☰ **See Also**

[LogonUrlService Class](#)

[LogonUrlService Members](#)

[LogonUrlService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonUrlService Constructor (SDKTransportProtocol, String, Int32)

[LogonUrlService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Initializes a new instance of the [LogonUrlService](#) class

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public LogonUrlService(  
    SDKTransportProtocol protocol,  
    string serverAddress,  
    int port  
)
```

Visual Basic

```
Public Sub New (  
    protocol As SDKTransportProtocol,  
    serverAddress As String,  
    port As Integer  
)
```

Visual C++

```
public:  
LogonUrlService(  
    SDKTransportProtocol protocol,  
    String^ serverAddress,  
    int port  
)
```

Parameters

protocol

Type: [MultiArchive.SDK.ServiceUtils.SDKTransportProtocol](#)

[Missing <param name="protocol"/> documentation for "M:MultiArchive.SDK.Services.LogonUrlService.#ctor(MultiArchive.SDK

serverAddress

Type: [System.String](#)

[Missing <param name="serverAddress"/> documentation for

"M:MultiArchive.SDK.Services.LogonUrlService.#ctor(MultiArchive.SDI

port

Type: [System.Int32](#)

[Missing <param name="port"/> documentation for

"M:MultiArchive.SDK.Services.LogonUrlService.#ctor(MultiArchive.SDI

☰ **See Also**

[LogonUrlService Class](#)

[LogonUrlService Members](#)

[LogonUrlService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

LogonUrlService Methods

[LogonUrlService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [LogonUrlService](#) type exposes the following members.

☰ **Methods**

	Name	Description
☰	<u>Authenticate</u>	
☰	<u>Equals</u>	(Inherited from <u>Object.</u>)
💡	<u>Finalize</u>	(Inherited from <u>Object.</u>)
☰	<u>GetHashCode</u>	(Inherited from <u>Object.</u>)
☰	<u>GetType</u>	(Inherited from <u>Object.</u>)
💡	<u>MemberwiseClone</u>	(Inherited from <u>Object.</u>)
☰	<u>ToString</u>	(Inherited from <u>Object.</u>)

▣ **See Also**

[LogonUrlService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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LogonUrlService.Authenticate Method

[LogonUrlService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"M:MultiArchive.SDK.Services.LogonUrlService.Authenticate"]**

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public Credentials Authenticate()
```

Visual Basic

```
Public Function Authenticate As Credentials
```

Visual C++

```
public:  
Credentials^ Authenticate()
```

Return Value

Type: **Credentials**

[Missing <returns> documentation for "M:MultiArchive.SDK.Services.LogonUrlService.Authenticate"]

☰ **See Also**

[LogonUrlService Class](#)

[LogonUrlService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

NtlmLogonService Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

This is the service class for handling NTLM logon requests against MultiArchive.

The usage of this class is to authenticate users via NTLM against MultiArchive and create a **Credentials** object which can be used by all the other services.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public class NtlmLogonService : IDisposable
```

Visual Basic

```
Public Class NtlmLogonService  
    Implements IDisposable
```

Visual C++

```
public ref class NtlmLogonService : IDisposable
```

▣ Inheritance Hierarchy

[System.Object](#)

MultiArchive.SDK.Services.NtlmLogonService

☰ **See Also**

[NtlmLogonService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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NtlmLogonService Members

[NtlmLogonService Class](#) [Constructors](#) [Methods](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [NtlmLogonService](#) type exposes the following members.

≡ Constructors

	Name	Description
≡	NtlmLogonService()	Default constructor.
≡	NtlmLogonService(SDKTransportProtocol, String, Int32)	Constructor to use, if there for some reason is no App.config present in the application. The <code>serverAddress</code> can be either an IPv4, IPv6 or a domain address.

Methods

	Name	Description
	Authenticate	Authenticating a user against MultiArchive and returns a Credentials object containing a securitytoken and sessionId. The credentials must be used when invoking all other services on MultiArchive.
	Dispose()	Public method for closing the connection to the ItemPortTypeClient correctly.
	Dispose(Boolean)	Releases the unmanaged resources used by the NtlmLogonService and optionally releases the managed resources
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Object .)

▣ See Also

[NtlmLogonService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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NtlmLogonService Constructor

[NtlmLogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
≡	NtlmLogonService()	Default constructor.
≡	NtlmLogonService(SDKTransportProtocol, String, Int32)	Constructor to use, if there for some reason is no App.config present in the application. The <code>serverAddress</code> can be either an IPv4, IPv6 or a domain address.

☰ **See Also**

[NtlmLogonService Class](#)

[NtlmLogonService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

NtlmLogonService Constructor

[NtlmLogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public NtlmLogonService()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
NtlmLogonService()
```

☰ **See Also**

[NtlmLogonService Class](#)

[NtlmLogonService Members](#)

[NtlmLogonService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

NtlmLogonService Constructor (SDKTransportProtocol, String, Int32)

[NtlmLogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor to use, if there for some reason is no App.config present in the application.

The `serverAddress` can be either an IPv4, IPv6 or a domain address.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public NtlmLogonService(  
    SDKTransportProtocol protocol,  
    string serverAddress,  
    int port  
)
```

Visual Basic

```
Public Sub New (  
    protocol As SDKTransportProtocol,  
    serverAddress As String,  
    port As Integer  
)
```

Visual C++

```
public:  
NtlmLogonService(  
    SDKTransportProtocol protocol,  
    String^ serverAddress,  
    int port  
)
```

Parameters

protocol

Type: [MultiArchive.SDK.ServiceUtils.SDKTransportProtocol](#)

The transport protocol to be used in the endpoint.

serverAddress

Type: [System.String](#)

The address of the MultiArchive server.

port

Type: [System.Int32](#)

The port to be used for the communication

☰ **See Also**

[NtlmLogonService Class](#)

[NtlmLogonService Members](#)

[NtlmLogonService Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

NtlmLogonService Methods

[NtlmLogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [NtlmLogonService](#) type exposes the following members.

Methods

	Name	Description
	Authenticate	Authenticating a user against MultiArchive and returns a Credentials object containing a securitytoken and sessionId. The credentials must be used when invoking all other services on MultiArchive.
	Dispose()	Public method for closing the connection to the ItemPortTypeClient correctly.
	Dispose(Boolean)	
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetHashCode	(Inherited from Object .)
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Object .)

▣ **See Also**

[NtlmLogonService Class](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

NtlmLogonService.Authenticate Method

[NtlmLogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Authenticating a user against MultiArchive and returns a **Credentials** object containing a securitytoken and sessionId.

The credentials must be used when invoking all other services on MultiArchive.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public Credentials Authenticate()
```

Visual Basic

```
Public Function Authenticate As Credentials
```

Visual C++

```
public:  
Credentials^ Authenticate()
```

Return Value

Type: **Credentials**

The method returns a **Credentials** object which is to be used when invoking other service calls.

■ Exceptions

Exception	Condition
MultiArchive.SDK.Services.Exceptions.LogonException	Throws a LogonException if the specified username and password is not authenticated.

☰ **See Also**

[NtlmLogonService Class](#)

[NtlmLogonService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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NtlmLogonService.Dispose Method

[NtlmLogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
	Dispose()	Public method for closing the connection to the <code>ItemPortTypeClient</code> correctly.
	Dispose(Boolean)	Releases the unmanaged resources used by the NtlmLogonService and optionally releases the managed resources

☰ **See Also**

[NtlmLogonService Class](#)

[NtlmLogonService Members](#)

[MultiArchive.SDK.Services Namespace](#)

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NtlmLogonService.Dispose Method

[NtlmLogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Public method for closing the connection to the `ItemPortTypeClient` correctly.

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void Dispose()
```

Visual Basic

```
Public Sub Dispose
```

Visual C++

```
public:  
virtual void Dispose() sealed
```

Implements

[IDisposable.Dispose\(\)](#)

☰ **See Also**

[NtlmLogonService Class](#)

[NtlmLogonService Members](#)

[Dispose Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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NtlmLogonService.Dispose Method (Boolean)

[NtlmLogonService Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Releases the unmanaged resources used by the [NtlmLogonService](#) and optionally releases the managed resources

Namespace: [MultiArchive.SDK.Services](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
protected virtual void Dispose(  
    bool disposing  
)
```

Visual Basic

```
Protected Overridable Sub Dispose (  
    disposing As Boolean  
)
```

Visual C++

```
protected:  
virtual void Dispose(  
    bool disposing  
)
```

Parameters

disposing

Type: [System.Boolean](#)

True to release both managed and unmanaged resources; false to release only unmanaged resources

☰ **See Also**

[NtlmLogonService Class](#)

[NtlmLogonService Members](#)

[Dispose Overload](#)

[MultiArchive.SDK.Services Namespace](#)

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MultiArchive SDK .NET Documentation

MultiArchive.SDK.Services.Exceptions Namespace

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The namespace `MultiArchive.SDK.Services.Exceptions` includes the MultiArchive SDK specific exceptions. These exceptions are the only ones the integration developer will have to handle, when integration with MultiArchive through this SDK.

≡ Classes

	Class	Description
	ComponentContentException	Class for handling ComponentContent exceptions thrown when working with the MultiArchive webservice.
	ComponentException	Class for handling Component exceptions thrown when working with the MultiArchive webservice.
	FieldException	Class for handling Field exceptions thrown when working with the MultiArchive webservice.
	ItemException	Class for handling Item exceptions thrown when working with the MultiArchive webservice.
	LogonException	Class for handling Logon exceptions when connecting to the MultiArchive webservice.
	MultiArchiveSDKException	Parent class for all exceptions in the MultiArchive SDK for .NET
	NtlmLogonException	Class for handling NTLM Logon exceptions when connecting to the MultiArchive webservice.

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MultiArchive SDK .NET Documentation

ComponentContentException Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Class for handling ComponentContent exceptions thrown when working with the MultiArchive webservice.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
[SerializableAttribute]  
public class ComponentContentException : MultiArchive
```

Visual Basic

```
<SerializableAttribute>  
Public Class ComponentContentException  
    Inherits MultiArchiveSDKException
```

Visual C++

```
[SerializableAttribute]  
public ref class ComponentContentException : public I
```

▣ Inheritance Hierarchy

[System.Object](#)

[System.Exception](#)

[MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException](#)

MultiArchive.SDK.Services.Exceptions.ComponentContentException

☰ **See Also**

[ComponentContentException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ComponentContentException Members

[ComponentContentException Class](#) [Constructors](#) [Methods](#) [Properties](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentContentException](#) type exposes the following members.

≡ Constructors

	Name	Description
	ComponentContentException()	Default constructor
	ComponentContentException(SerializationInfo, StreamingContext)	Initializes a new instance of the ComponentContentException class
	ComponentContentException(String, String, Exception)	Constructor handling a ComponentContentException from the MultiArchive webservice. This exception is thrown when an attempt to get ComponentContent from MultiArchive fails.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetBaseException	(Inherited from Exception .)
	GetHashCode	(Inherited from Object .)
	GetObjectData	A method called when serializing a Singleton. (Inherited from MultiArchiveSDKException .)
	GetType	(Inherited from Exception .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Exception .)

▣ Properties

	Name	Description
	Data	(Inherited from Exception .)
	HelpLink	(Inherited from Exception .)
	HResult	(Inherited from Exception .)
	InnerException	(Inherited from Exception .)
	Message	(Inherited from Exception .)
	Reason	Property for holding the Reason thrown by the MultiArchive webservice. (Inherited from MultiArchiveSDKException .)
	Source	(Inherited from Exception .)
	StackTrace	(Inherited from Exception .)
	TargetSite	(Inherited from Exception .)

☰ **See Also**

[ComponentContentException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ComponentContentException Constructor

[ComponentContentException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
	ComponentContentException()	Default constructor
	ComponentContentException(SerializationInfo, StreamingContext)	Initializes a new instance of the ComponentContentException class
	ComponentContentException(String, String, Exception)	Constructor handling a ComponentContentException from the MultiArchive webservice. This exception is thrown when an attempt to get ComponentContent from MultiArchive fails.

☰ **See Also**

[ComponentContentException Class](#)

[ComponentContentException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ComponentContentException Constructor

[ComponentContentException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public ComponentContentException()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
ComponentContentException()
```

☰ **See Also**

[ComponentContentException Class](#)

[ComponentContentException Members](#)

[ComponentContentException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentContentException Constructor (SerializationInfo, StreamingContext)

[ComponentContentException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Initializes a new instance of the [ComponentContentException](#) class

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
protected ComponentContentException(  
    SerializationInfo info,  
    StreamingContext context  
)
```

Visual Basic

```
Protected Sub New (  
    info As SerializationInfo,  
    context As StreamingContext  
)
```

Visual C++

```
protected:  
ComponentContentException(  
    SerializationInfo^ info,  
    StreamingContext context  
)
```

Parameters

info

Type: [System.Runtime.Serialization.SerializationInfo](#)

[Missing <param name="info"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.ComponentContentException.

context

Type: [System.Runtime.Serialization.StreamingContext](#)

[Missing <param name="context"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.ComponentContentException.

☰ **See Also**

[ComponentContentException Class](#)

[ComponentContentException Members](#)

[ComponentContentException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ComponentContentException Constructor (String, String, Exception)

[ComponentContentException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor handling a ComponentContentException from the MultiArchive webservice.

This exception is thrown when an attempt to get some ComponentContent from MultiArchive fails.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public ComponentContentException(  
    string message,  
    string reason,  
    Exception innerException  
)
```

Visual Basic

```
Public Sub New (  
    message As String,  
    reason As String,  
    innerException As Exception  
)
```

Visual C++

```
public:  
ComponentContentException(  
    String^ message,  
    String^ reason,  
    Exception^ innerException  
)
```

Parameters

message

Type: [System.String](#)

A string detailing the exception thrown.

reason

Type: [System.String](#)

The exception type thrown by the MultiArchive webservice.

innerException

Type: [System.Exception](#)

A reference to the `FaultException` thrown by the MultiArchive webservice.

☰ **See Also**

[ComponentContentException Class](#)

[ComponentContentException Members](#)

[ComponentContentException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentContentException Methods

[ComponentContentException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentContentException](#) type exposes the following members.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetBaseException	(Inherited from Exception .)
	GetHashCode	(Inherited from Object .)
	GetObjectData	A method called when serializing a Singleton. (Inherited from MultiArchiveSDKException .)
	GetType	(Inherited from Exception .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Exception .)

☰ **See Also**

[ComponentContentException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentContentException Properties

[ComponentContentException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentContentException](#) type exposes the following members.

▣ Properties

	Name	Description
	Data	(Inherited from Exception .)
	HelpLink	(Inherited from Exception .)
	HResult	(Inherited from Exception .)
	InnerException	(Inherited from Exception .)
	Message	(Inherited from Exception .)
	Reason	Property for holding the Reason thrown by the MultiArchive webservice. (Inherited from MultiArchiveSDKException .)
	Source	(Inherited from Exception .)
	StackTrace	(Inherited from Exception .)
	TargetSite	(Inherited from Exception .)

☰ **See Also**

[ComponentContentException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentException Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Class for handling Component exceptions thrown when working with the MultiArchive webservice.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
[SerializableAttribute]  
public class ComponentException : MultiArchiveSDKExcep
```

Visual Basic

```
<SerializableAttribute>  
Public Class ComponentException  
    Inherits MultiArchiveSDKException
```

Visual C++

```
[SerializableAttribute]  
public ref class ComponentException : public MultiArc
```

▣ **Inheritance Hierarchy**

[System.Object](#)

[System.Exception](#)

[MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException](#)

MultiArchive.SDK.Services.Exceptions.ComponentException

☰ **See Also**

[ComponentException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentException Members

[ComponentException Class](#) [Constructors](#) [Methods](#) [Properties](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentException](#) type exposes the following members.

≡ Constructors

	Name	Description
	ComponentException()	Default constructor
	ComponentException(SerializationInfo, StreamingContext)	Initializes a new instance of the ComponentException class
	ComponentException(String, String, Exception)	Constructor handling a ComponentException from the MultiArchive webservice. This exception is thrown when an attempt to get at Component from MultiArchive fails.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetBaseException	(Inherited from Exception .)
	GetHashCode	(Inherited from Object .)
	GetObjectData	A method called when serializing a Singleton. (Inherited from MultiArchiveSDKException .)
	GetType	(Inherited from Exception .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Exception .)

▣ Properties

	Name	Description
	Data	(Inherited from Exception .)
	HelpLink	(Inherited from Exception .)
	HResult	(Inherited from Exception .)
	InnerException	(Inherited from Exception .)
	Message	(Inherited from Exception .)
	Reason	Property for holding the Reason thrown by the MultiArchive webservice. (Inherited from MultiArchiveSDKException .)
	Source	(Inherited from Exception .)
	StackTrace	(Inherited from Exception .)
	TargetSite	(Inherited from Exception .)

☰ **See Also**

[ComponentException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentException Constructor

[ComponentException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
	ComponentException()	Default constructor
	ComponentException(SerializationInfo, StreamingContext)	Initializes a new instance of the ComponentException class
	ComponentException(String, String, Exception)	Constructor handling a ComponentException from the MultiArchive webservice. This exception is thrown when an attempt to get at Component from MultiArchive fails.

☰ **See Also**

[ComponentException Class](#)

[ComponentException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ComponentException Constructor

[ComponentException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public ComponentException()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
ComponentException()
```

☰ **See Also**

[ComponentException Class](#)

[ComponentException Members](#)

[ComponentException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ComponentException Constructor (SerializationInfo, StreamingContext)

[ComponentException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Initializes a new instance of the [ComponentException](#) class

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

■ Syntax

C#

```
protected ComponentException(  
    SerializationInfo info,  
    StreamingContext context  
)
```

Visual Basic

```
Protected Sub New (  
    info As SerializationInfo,  
    context As StreamingContext  
)
```

Visual C++

```
protected:  
ComponentException(  
    SerializationInfo^ info,  
    StreamingContext context  
)
```

Parameters

info

Type: [System.Runtime.Serialization.SerializationInfo](#)

[Missing <param name="info"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.ComponentException.#ctor(Sy

context

Type: [System.Runtime.Serialization.StreamingContext](#)

[Missing <param name="context"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.ComponentException.#ctor(Sy

☰ **See Also**

[ComponentException Class](#)

[ComponentException Members](#)

[ComponentException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ComponentException Constructor (String, String, Exception)

[ComponentException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor handling a ComponentException from the MultiArchive webservice.

This exception is thrown when an attempt to get at Component from MultiArchive fails.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public ComponentException(  
    string message,  
    string reason,  
    Exception innerException  
)
```

Visual Basic

```
Public Sub New (  
    message As String,  
    reason As String,  
    innerException As Exception  
)
```

Visual C++

```
public:  
ComponentException(  
    String^ message,  
    String^ reason,  
    Exception^ innerException  
)
```

Parameters

message

Type: [System.String](#)

A string detailing the exception thrown.

reason

Type: [System.String](#)

The exception type thrown by the MultiArchive webservice.

innerException

Type: [System.Exception](#)

A reference to the `FaultException` thrown by the MultiArchive webservice.

☰ **See Also**

[ComponentException Class](#)

[ComponentException Members](#)

[ComponentException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ComponentException Methods

[ComponentException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentException](#) type exposes the following members.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetBaseException	(Inherited from Exception .)
	GetHashCode	(Inherited from Object .)
	GetObjectData	A method called when serializing a Singleton. (Inherited from MultiArchiveSDKException .)
	GetType	(Inherited from Exception .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Exception .)

☰ **See Also**

[ComponentException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ComponentException Properties

[ComponentException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentException](#) type exposes the following members.

▣ Properties

	Name	Description
	Data	(Inherited from Exception.)
	HelpLink	(Inherited from Exception.)
	HResult	(Inherited from Exception.)
	InnerException	(Inherited from Exception.)
	Message	(Inherited from Exception.)
	Reason	Property for holding the Reason thrown by the MultiArchive webservice. (Inherited from MultiArchiveSDKException.)
	Source	(Inherited from Exception.)
	StackTrace	(Inherited from Exception.)
	TargetSite	(Inherited from Exception.)

☰ **See Also**

[ComponentException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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FieldException Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Class for handling Field exceptions thrown when working with the MultiArchive webservice.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
[SerializableAttribute]  
public class FieldException : MultiArchiveSDKException
```

Visual Basic

```
<SerializableAttribute>  
Public Class FieldException  
    Inherits MultiArchiveSDKException
```

Visual C++

```
[SerializableAttribute]  
public ref class FieldException : public MultiArchive
```

▣ **Inheritance Hierarchy**

[System.Object](#)

[System.Exception](#)

[MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException](#)

MultiArchive.SDK.Services.Exceptions.FieldException

☰ **See Also**

[FieldException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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FieldException Members

[FieldException Class](#) [Constructors](#) [Methods](#) [Properties](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [FieldException](#) type exposes the following members.

≡ Constructors

	Name	Description
	FieldException()	Default constructor
	FieldException(SerializationInfo, StreamingContext)	Initializes a new instance of the FieldException class
	FieldException(String, String, Exception)	Constructor handling a FieldException from the MultiArchive webservice. This exception is thrown when an attempt to get fields from a Component from MultiArchive fails.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetBaseException	(Inherited from Exception .)
	GetHashCode	(Inherited from Object .)
	GetObjectData	A method called when serializing a Singleton. (Inherited from MultiArchiveSDKException .)
	GetType	(Inherited from Exception .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Exception .)

▣ Properties

	Name	Description
	Data	(Inherited from Exception.)
	HelpLink	(Inherited from Exception.)
	HResult	(Inherited from Exception.)
	InnerException	(Inherited from Exception.)
	Message	(Inherited from Exception.)
	Reason	Property for holding the Reason thrown by the MultiArchive webservice. (Inherited from MultiArchiveSDKException.)
	Source	(Inherited from Exception.)
	StackTrace	(Inherited from Exception.)
	TargetSite	(Inherited from Exception.)

☰ **See Also**

[FieldException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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FieldException Constructor

[FieldException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
≡	FieldException()	Default constructor
≡	FieldException(SerializationInfo, StreamingContext)	Initializes a new instance of the FieldException class
≡	FieldException(String, String, Exception)	Constructor handling a FieldException from the MultiArchive webservice. This exception is thrown when an attempt to get fields from a Component from MultiArchive fails.

☰ **See Also**

[FieldException Class](#)

[FieldException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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FieldException Constructor

[FieldException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public FieldException()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
FieldException()
```

☰ **See Also**

[FieldException Class](#)

[FieldException Members](#)

[FieldException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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FieldException Constructor (SerializationInfo, StreamingContext)

[FieldException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Initializes a new instance of the [FieldException](#) class

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
protected FieldException(  
    SerializationInfo info,  
    StreamingContext context  
)
```

Visual Basic

```
Protected Sub New (  
    info As SerializationInfo,  
    context As StreamingContext  
)
```

Visual C++

```
protected:  
FieldException(  
    SerializationInfo^ info,  
    StreamingContext context  
)
```

Parameters

info

Type: [System.Runtime.Serialization.SerializationInfo](#)

[Missing <param name="info"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.FieldException.#ctor(System.I

context

Type: [System.Runtime.Serialization.StreamingContext](#)

[Missing <param name="context"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.FieldException.#ctor(System.I

☰ **See Also**

[FieldException Class](#)

[FieldException Members](#)

[FieldException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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FieldException Constructor (String, String, Exception)

[FieldException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor handling a FieldException from the MultiArchive webservice.

This exception is thrown when an attempt to get fields from a Component from MultiArchive fails.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public FieldException(  
    string message,  
    string reason,  
    Exception innerException  
)
```

Visual Basic

```
Public Sub New (  
    message As String,  
    reason As String,  
    innerException As Exception  
)
```

Visual C++

```
public:  
FieldException(  
    String^ message,  
    String^ reason,  
    Exception^ innerException  
)
```

Parameters

message

Type: [System.String](#)

A string detailing the exception thrown.

reason

Type: [System.String](#)

The exception type thrown by the MultiArchive webservice.

innerException

Type: [System.Exception](#)

A reference to the `FaultException` thrown by the MultiArchive webservice.

☰ **See Also**

[FieldException Class](#)

[FieldException Members](#)

[FieldException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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FieldException Methods

[FieldException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [FieldException](#) type exposes the following members.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetBaseException	(Inherited from Exception .)
	GetHashCode	(Inherited from Object .)
	GetObjectData	A method called when serializing a Singleton. (Inherited from MultiArchiveSDKException .)
	GetType	(Inherited from Exception .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Exception .)

☰ **See Also**

[FieldException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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FieldException Properties

[FieldException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [FieldException](#) type exposes the following members.

▣ Properties

	Name	Description
	Data	(Inherited from Exception .)
	HelpLink	(Inherited from Exception .)
	HResult	(Inherited from Exception .)
	InnerException	(Inherited from Exception .)
	Message	(Inherited from Exception .)
	Reason	Property for holding the Reason thrown by the MultiArchive webservice. (Inherited from MultiArchiveSDKException .)
	Source	(Inherited from Exception .)
	StackTrace	(Inherited from Exception .)
	TargetSite	(Inherited from Exception .)

☰ **See Also**

[FieldException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ItemException Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Class for handling Item exceptions thrown when working with the MultiArchive webservice.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
[SerializableAttribute]  
public class ItemException : MultiArchiveSDKException
```

Visual Basic

```
<SerializableAttribute>  
Public Class ItemException  
    Inherits MultiArchiveSDKException
```

Visual C++

```
[SerializableAttribute]  
public ref class ItemException : public MultiArchiveS
```

▣ Inheritance Hierarchy

[System.Object](#)

[System.Exception](#)

[MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException](#)

MultiArchive.SDK.Services.Exceptions.ItemException

☰ **See Also**

[ItemException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ItemException Members

[ItemException Class](#) [Constructors](#) [Methods](#) [Properties](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ItemException](#) type exposes the following members.

≡ Constructors

	Name	Description
	ItemException()	Default constructor
	ItemException(SerializationInfo, StreamingContext)	Initializes a new instance of the ItemException class
	ItemException(String, String)	Constructor handling an ItemException. This exception is thrown when the SDK encounters errors during the building of an ItemSpecification and a CreateItem request.
	ItemException(String, String, Exception)	Constructor handling an ItemException from the MultiArchive webservice. This exception is thrown when an attempt to create an item in MultiArchive fails.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetBaseException	(Inherited from Exception .)
	GetHashCode	(Inherited from Object .)
	GetObjectData	A method called when serializing a Singleton. (Inherited from MultiArchiveSDKException .)
	GetType	(Inherited from Exception .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Exception .)

▣ Properties

	Name	Description
	Data	(Inherited from Exception .)
	HelpLink	(Inherited from Exception .)
	HResult	(Inherited from Exception .)
	InnerException	(Inherited from Exception .)
	Message	(Inherited from Exception .)
	Reason	Property for holding the Reason thrown by the MultiArchive webservice. (Inherited from MultiArchiveSDKException .)
	Source	(Inherited from Exception .)
	StackTrace	(Inherited from Exception .)
	TargetSite	(Inherited from Exception .)

☰ **See Also**

[ItemException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

ItemException Constructor

[ItemException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
	ItemException()	Default constructor
	ItemException(SerializationInfo, StreamingContext)	Initializes a new instance of the ItemException class
	ItemException(String, String)	Constructor handling an ItemException. This exception is thrown when the SDK encounters errors during the building of an ItemSpecification and a CreateItem request.
	ItemException(String, String, Exception)	Constructor handling an ItemException from the MultiArchive webservice. This exception is thrown when an attempt to create an item in MultiArchive fails.

☰ **See Also**

[ItemException Class](#)

[ItemException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ItemException Constructor

[ItemException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public ItemException()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
ItemException()
```

☰ **See Also**

[ItemException Class](#)

[ItemException Members](#)

[ItemException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ItemException Constructor (SerializationInfo, StreamingContext)

[ItemException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Initializes a new instance of the [ItemException](#) class

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
protected ItemException(  
    SerializationInfo info,  
    StreamingContext context  
)
```

Visual Basic

```
Protected Sub New (  
    info As SerializationInfo,  
    context As StreamingContext  
)
```

Visual C++

```
protected:  
ItemException(  
    SerializationInfo^ info,  
    StreamingContext context  
)
```

Parameters

info

Type: [System.Runtime.Serialization.SerializationInfo](#)

[Missing <param name="info"/> documentation for

"M:MultiArchive.SDK.Services.Exceptions.ItemException.#ctor(System.F

context

Type: [System.Runtime.Serialization.StreamingContext](#)

[Missing <param name="context"/> documentation for

"M:MultiArchive.SDK.Services.Exceptions.ItemException.#ctor(System.F

☰ **See Also**

[ItemException Class](#)

[ItemException Members](#)

[ItemException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ItemException Constructor (String, String)

[ItemException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor handling an ItemException.

This exception is thrown when the SDK encounters errors during the building of an ItemSpecification and a CreateItem request.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public ItemException(  
    string message,  
    string reason  
)
```

Visual Basic

```
Public Sub New (  
    message As String,  
    reason As String  
)
```

Visual C++

```
public:  
ItemException(  
    String^ message,  
    String^ reason  
)
```

Parameters

message

Type: [System.String](#)

A string detailing the exception thrown.

reason

Type: [System.String](#)

The exception type thrown by the MultiArchive webservice.

☰ **See Also**

[ItemException Class](#)

[ItemException Members](#)

[ItemException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

ItemException Constructor (String, String, Exception)

[ItemException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor handling an ItemException from the MultiArchive webservice.

This exception is thrown when an attempt to create an item in MultiArchive fails.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public ItemException(  
    string message,  
    string reason,  
    Exception innerException  
)
```

Visual Basic

```
Public Sub New (  
    message As String,  
    reason As String,  
    innerException As Exception  
)
```

Visual C++

```
public:  
ItemException(  
    String^ message,  
    String^ reason,  
    Exception^ innerException  
)
```

Parameters

message

Type: [System.String](#)

A string detailing the exception thrown.

reason

Type: [System.String](#)

The exception type thrown by the MultiArchive webservice.

innerException

Type: [System.Exception](#)

A reference to the `FaultException` thrown by the MultiArchive webservice.

☰ **See Also**

[ItemException Class](#)

[ItemException Members](#)

[ItemException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ItemException Methods

[ItemException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ItemException](#) type exposes the following members.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetBaseException	(Inherited from Exception .)
	GetHashCode	(Inherited from Object .)
	GetObjectData	A method called when serializing a Singleton. (Inherited from MultiArchiveSDKException .)
	GetType	(Inherited from Exception .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Exception .)

☰ **See Also**

[ItemException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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ItemException Properties

[ItemException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ItemException](#) type exposes the following members.

▣ Properties

	Name	Description
	Data	(Inherited from Exception.)
	HelpLink	(Inherited from Exception.)
	HResult	(Inherited from Exception.)
	InnerException	(Inherited from Exception.)
	Message	(Inherited from Exception.)
	Reason	Property for holding the Reason thrown by the MultiArchive webservice. (Inherited from MultiArchiveSDKException.)
	Source	(Inherited from Exception.)
	StackTrace	(Inherited from Exception.)
	TargetSite	(Inherited from Exception.)

☰ **See Also**

[ItemException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

LogonException Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Class for handling Logon exceptions when connecting to the MultiArchive webservice.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
[SerializableAttribute]  
public class LogonException : MultiArchiveSDKException
```

Visual Basic

```
<SerializableAttribute>  
Public Class LogonException  
    Inherits MultiArchiveSDKException
```

Visual C++

```
[SerializableAttribute]  
public ref class LogonException : public MultiArchive
```

▣ Inheritance Hierarchy

[System.Object](#)

[System.Exception](#)

[MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException](#)

MultiArchive.SDK.Services.Exceptions.LogonException

☰ **See Also**

[LogonException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

LogonException Members

[LogonException Class](#) [Constructors](#) [Methods](#) [Properties](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [LogonException](#) type exposes the following members.

≡ Constructors

	Name	Description
	LogonException()	Default constructor
	LogonException(SerializationInfo, StreamingContext)	Initializes a new instance of the LogonException class
	LogonException(String, String, Exception)	Constructor handling a LogonException from the MultiArchive webservice. This exception is thrown when an attempt to logon to MultiArchive fails or when a credentials object is not longer valid.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetBaseException	(Inherited from Exception .)
	GetHashCode	(Inherited from Object .)
	GetObjectData	A method called when serializing a Singleton. (Inherited from MultiArchiveSDKException .)
	GetType	(Inherited from Exception .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Exception .)

▣ Properties

	Name	Description
	Data	(Inherited from Exception .)
	HelpLink	(Inherited from Exception .)
	HResult	(Inherited from Exception .)
	InnerException	(Inherited from Exception .)
	Message	(Inherited from Exception .)
	Reason	Property for holding the Reason thrown by the MultiArchive webservice. (Inherited from MultiArchiveSDKException .)
	Source	(Inherited from Exception .)
	StackTrace	(Inherited from Exception .)
	TargetSite	(Inherited from Exception .)

☰ **See Also**

[LogonException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

LogonException Constructor

[LogonException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
	LogonException()	Default constructor
	LogonException(SerializationInfo, StreamingContext)	Initializes a new instance of the LogonException class
	LogonException(String, String, Exception)	Constructor handling a LogonException from the MultiArchive webservice. This exception is thrown when an attempt to logon to MultiArchive fails or when a credentials object is not longer valid.

☰ **See Also**

[LogonException Class](#)

[LogonException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

LogonException Constructor

[LogonException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public LogonException()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
LogonException()
```

☰ **See Also**

[LogonException Class](#)

[LogonException Members](#)

[LogonException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

LogonException Constructor (SerializationInfo, StreamingContext)

[LogonException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Initializes a new instance of the [LogonException](#) class

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
protected LogonException(  
    SerializationInfo info,  
    StreamingContext context  
)
```

Visual Basic

```
Protected Sub New (  
    info As SerializationInfo,  
    context As StreamingContext  
)
```

Visual C++

```
protected:  
LogonException(  
    SerializationInfo^ info,  
    StreamingContext context  
)
```

Parameters

info

Type: [System.Runtime.Serialization.SerializationInfo](#)

[Missing <param name="info"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.LogonException.#ctor(System

context

Type: [System.Runtime.Serialization.StreamingContext](#)

[Missing <param name="context"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.LogonException.#ctor(System

☰ **See Also**

[LogonException Class](#)

[LogonException Members](#)

[LogonException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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LogonException Constructor (String, String, Exception)

[LogonException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor handling a LogonException from the MultiArchive webservice.

This exception is thrown when an attempt to logon to MultiArchive fails or when a `credentials` object is not longer valid.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public LogonException(  
    string message,  
    string reason,  
    Exception innerException  
)
```

Visual Basic

```
Public Sub New (  
    message As String,  
    reason As String,  
    innerException As Exception  
)
```

Visual C++

```
public:  
LogonException(  
    String^ message,  
    String^ reason,  
    Exception^ innerException  
)
```

Parameters

message

Type: [System.String](#)

A string detailing the exception thrown.

reason

Type: [System.String](#)

The exception type thrown by the MultiArchive webservice.

innerException

Type: [System.Exception](#)

A reference to the `FaultException` thrown by the MultiArchive webservice.

☰ **See Also**

[LogonException Class](#)

[LogonException Members](#)

[LogonException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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LogonException Methods

[LogonException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [LogonException](#) type exposes the following members.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetBaseException	(Inherited from Exception .)
	GetHashCode	(Inherited from Object .)
	GetObjectData	A method called when serializing a Singleton. (Inherited from MultiArchiveSDKException .)
	GetType	(Inherited from Exception .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Exception .)

☰ **See Also**

[LogonException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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LogonException Properties

[LogonException Class](#) [See Also](#) [Send Feedback](#)

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The [LogonException](#) type exposes the following members.

▣ Properties

	Name	Description
	Data	(Inherited from Exception .)
	HelpLink	(Inherited from Exception .)
	HResult	(Inherited from Exception .)
	InnerException	(Inherited from Exception .)
	Message	(Inherited from Exception .)
	Reason	Property for holding the Reason thrown by the MultiArchive webservice. (Inherited from MultiArchiveSDKException .)
	Source	(Inherited from Exception .)
	StackTrace	(Inherited from Exception .)
	TargetSite	(Inherited from Exception .)

☰ **See Also**

[LogonException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchiveSDKException Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Parent class for all exceptions in the MultiArchive SDK for .NET

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

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

Visual Basic

```
<SerializableAttribute>  
Public Class MultiArchiveSDKException  
    Inherits Exception
```

Visual C++

```
[SerializableAttribute]  
public ref class MultiArchiveSDKException : public E:
```

■ Inheritance Hierarchy

[System.Object](#)

[System.Exception](#)

MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException

[MultiArchive.SDK.Services.Exceptions.ComponentContentException](#)

[MultiArchive.SDK.Services.Exceptions.ComponentException](#)

[MultiArchive.SDK.Services.Exceptions.FieldException](#)

[MultiArchive.SDK.Services.Exceptions.ItemException](#)

[MultiArchive.SDK.Services.Exceptions.LogonException](#)

[MultiArchive.SDK.Services.Exceptions.NtlmLogonException](#)

☰ **See Also**

[MultiArchiveSDKException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchiveSDKException Members

[MultiArchiveSDKException Class](#) [Constructors](#) [Methods](#) [Properties](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [MultiArchiveSDKException](#) type exposes the following members.

≡ Constructors

	Name	Description
≡	<u>MultiArchiveSDKException()</u>	Default constructor for this exception.
≡	<u>MultiArchiveSDKException(String)</u>	Inherited constructor.
≡	<u>MultiArchiveSDKException(SerializationInfo, StreamingContext)</u>	Inherited constructor.
≡	<u>MultiArchiveSDKException(String, Exception)</u>	Inherited constructor.
≡	<u>MultiArchiveSDKException(String, String)</u>	Exception thrown by the SDK when actions performed before calling the MultiArchive webservice fails.
≡	<u>MultiArchiveSDKException(String, String, Exception)</u>	Exception thrown by the SDK when some action on the MultiArchive webservice fails.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetBaseException	(Inherited from Exception .)
	GetHashCode	(Inherited from Object .)
	GetObjectData	A method called when serializing a Singleton. (Overrides Exception.GetObjectData(SerializationInfo, StreamingContext) .)
	GetType	(Inherited from Exception .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Exception .)

▣ Properties

	Name	Description
	Data	(Inherited from Exception .)
	HelpLink	(Inherited from Exception .)
	HResult	(Inherited from Exception .)
	InnerException	(Inherited from Exception .)
	Message	(Inherited from Exception .)
	Reason	Property for holding the Reason thrown by the MultiArchive webservice.
	Source	(Inherited from Exception .)
	StackTrace	(Inherited from Exception .)
	TargetSite	(Inherited from Exception .)

☰ **See Also**

[MultiArchiveSDKException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

MultiArchiveSDKException Constructor

[MultiArchiveSDKException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
≡	<u>MultiArchiveSDKException()</u>	Default constructor for this exception.
≡	<u>MultiArchiveSDKException(String)</u>	Inherited constructor.
≡	<u>MultiArchiveSDKException(SerializationInfo, StreamingContext)</u>	Inherited constructor.
≡	<u>MultiArchiveSDKException(String, Exception)</u>	Inherited constructor.
≡	<u>MultiArchiveSDKException(String, String)</u>	Exception thrown by the SDK when actions performed before calling the MultiArchive webservice fails.
≡	<u>MultiArchiveSDKException(String, String, Exception)</u>	Exception thrown by the SDK when some action on the MultiArchive webservice fails.

☰ **See Also**

[MultiArchiveSDKException Class](#)

[MultiArchiveSDKException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

MultiArchiveSDKException Constructor

[MultiArchiveSDKException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor for this exception.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☰ Syntax

C#

```
public MultiArchiveSDKException()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
MultiArchiveSDKException()
```

☰ **See Also**

[MultiArchiveSDKException Class](#)

[MultiArchiveSDKException Members](#)

[MultiArchiveSDKException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchiveSDKException Constructor (String)

[MultiArchiveSDKException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Inherited constructor.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public MultiArchiveSDKException(  
    string message  
)
```

Visual Basic

```
Public Sub New (  
    message As String  
)
```

Visual C++

```
public:  
MultiArchiveSDKException(  
    String^ message  
)
```

Parameters

message

Type: [System.String](#)

A string detailing the exception thrown.

☰ **See Also**

[MultiArchiveSDKException Class](#)

[MultiArchiveSDKException Members](#)

[MultiArchiveSDKException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

MultiArchiveSDKException Constructor (SerializationInfo, StreamingContext)

[MultiArchiveSDKException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Inherited constructor.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

■ Syntax

C#

```
protected MultiArchiveSDKException(  
    SerializationInfo info,  
    StreamingContext context  
)
```

Visual Basic

```
Protected Sub New (  
    info As SerializationInfo,  
    context As StreamingContext  
)
```

Visual C++

```
protected:  
MultiArchiveSDKException(  
    SerializationInfo^ info,  
    StreamingContext context  
)
```

Parameters

info

Type: [System.Runtime.Serialization.SerializationInfo](#)

[Missing <param name="info"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException.#

context

Type: [System.Runtime.Serialization.StreamingContext](#)

[Missing <param name="context"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException.#

☰ **See Also**

[MultiArchiveSDKException Class](#)

[MultiArchiveSDKException Members](#)

[MultiArchiveSDKException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

MultiArchiveSDKException Constructor (String, Exception)

[MultiArchiveSDKException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Inherited constructor.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public MultiArchiveSDKException(  
    string message,  
    Exception innerException  
)
```

Visual Basic

```
Public Sub New (  
    message AS String,  
    innerException AS Exception  
)
```

Visual C++

```
public:  
MultiArchiveSDKException(  
    String^ message,  
    Exception^ innerException  
)
```

Parameters

message

Type: [System.String](#)

A string detailing the exception thrown.

innerException

Type: [System.Exception](#)

A reference to the `FaultException` thrown by the MultiArchive webservice.

☰ **See Also**

[MultiArchiveSDKException Class](#)

[MultiArchiveSDKException Members](#)

[MultiArchiveSDKException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

MultiArchiveSDKException Constructor (String, String)

[MultiArchiveSDKException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Exception thrown by the SDK when actions performed before calling the MultiArchive webservice fails.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public MultiArchiveSDKException(  
    string message,  
    string reason  
)
```

Visual Basic

```
Public Sub New (  
    message As String,  
    reason As String  
)
```

Visual C++

```
public:  
MultiArchiveSDKException(  
    String^ message,  
    String^ reason  
)
```

Parameters

message

Type: [System.String](#)

A string detailing the exception thrown.

reason

Type: [System.String](#)

The exception type thrown by the MultiArchive webservice.

☰ **See Also**

[MultiArchiveSDKException Class](#)

[MultiArchiveSDKException Members](#)

[MultiArchiveSDKException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

MultiArchiveSDKException Constructor (String, String, Exception)

[MultiArchiveSDKException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Exception thrown by the SDK when some action on the MultiArchive webservice fails.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public MultiArchiveSDKException(  
    string message,  
    string reason,  
    Exception innerException  
)
```

Visual Basic

```
Public Sub New (  
    message As String,  
    reason As String,  
    innerException As Exception  
)
```

Visual C++

```
public:  
MultiArchiveSDKException(  
    String^ message,  
    String^ reason,  
    Exception^ innerException  
)
```

Parameters

message

Type: [System.String](#)

A string detailing the exception thrown.

reason

Type: [System.String](#)

The exception type thrown by the MultiArchive webservice.

innerException

Type: [System.Exception](#)

A reference to the `FaultException` thrown by the MultiArchive webservice.

☰ **See Also**

[MultiArchiveSDKException Class](#)

[MultiArchiveSDKException Members](#)

[MultiArchiveSDKException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchiveSDKException Methods

[MultiArchiveSDKException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [MultiArchiveSDKException](#) type exposes the following members.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetBaseException	(Inherited from Exception .)
	GetHashCode	(Inherited from Object .)
	GetObjectData	A method called when serializing a Singleton. (Overrides Exception.GetObjectData(SerializationInfo, StreamingContext) .)
	GetType	(Inherited from Exception .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Exception .)

☰ **See Also**

[MultiArchiveSDKException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

MultiArchiveSDKException.GetObjectData Method

[MultiArchiveSDKException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

A method called when serializing a Singleton.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

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

Visual Basic

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

Visual C++

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

Parameters

info

Type: [System.Runtime.Serialization.SerializationInfo](#)

[Missing <param name="info"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException.C

context

Type: [System.Runtime.Serialization.StreamingContext](#)

[Missing <param name="context"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException.C

Implements

[ISerializable.GetObjectData\(SerializationInfo, StreamingContext\)](#)
[_Exception.GetObjectData\(SerializationInfo, StreamingContext\)](#)

☰ **See Also**

[MultiArchiveSDKException Class](#)

[MultiArchiveSDKException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

MultiArchiveSDKException Properties

[MultiArchiveSDKException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [MultiArchiveSDKException](#) type exposes the following members.

▣ Properties

	Name	Description
	Data	(Inherited from Exception .)
	HelpLink	(Inherited from Exception .)
	HResult	(Inherited from Exception .)
	InnerException	(Inherited from Exception .)
	Message	(Inherited from Exception .)
	Reason	Property for holding the Reason thrown by the MultiArchive webservice.
	Source	(Inherited from Exception .)
	StackTrace	(Inherited from Exception .)
	TargetSite	(Inherited from Exception .)

☰ **See Also**

[MultiArchiveSDKException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchiveSDKException.Reason Property

[MultiArchiveSDKException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Property for holding the Reason thrown by the MultiArchive webservice.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string Reason { get; set; }
```

Visual Basic

```
Public Property Reason As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[MultiArchiveSDKException Class](#)

[MultiArchiveSDKException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

NtlmLogonException Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Class for handling NTLM Logon exceptions when connecting to the MultiArchive webservice.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
[SerializableAttribute]  
public class NtlmLogonException : MultiArchiveSDKExcep
```

Visual Basic

```
<SerializableAttribute>  
Public Class NtlmLogonException  
    Inherits MultiArchiveSDKException
```

Visual C++

```
[SerializableAttribute]  
public ref class NtlmLogonException : public MultiArc
```

▣ **Inheritance Hierarchy**

[System.Object](#)

[System.Exception](#)

[MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException](#)

MultiArchive.SDK.Services.Exceptions.NtlmLogonException

☰ **See Also**

[NtlmLogonException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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NtlmLogonException Members

[NtlmLogonException Class](#) [Constructors](#) [Methods](#) [Properties](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [NtlmLogonException](#) type exposes the following members.

≡ Constructors

	Name	Description
≡	NtlmLogonException()	Default constructor
≡	NtlmLogonException(SerializationInfo, StreamingContext)	Inherited constructor.
≡	NtlmLogonException(String, Exception)	Inherited constructor.
≡	NtlmLogonException(String, String, Exception)	Constructor handling a LogonException from the MultiArchive webservice. This exception is thrown when an attempt to logon to MultiArchive fails or when a credentials object is not longer valid.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetBaseException	(Inherited from Exception .)
	GetHashCode	(Inherited from Object .)
	GetObjectData	A method called when serializing a Singleton. (Inherited from MultiArchiveSDKException .)
	GetType	(Inherited from Exception .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Exception .)

▣ Properties

	Name	Description
	Data	(Inherited from Exception .)
	HelpLink	(Inherited from Exception .)
	HResult	(Inherited from Exception .)
	InnerException	(Inherited from Exception .)
	Message	(Inherited from Exception .)
	Reason	Property for holding the Reason thrown by the MultiArchive webservice. (Inherited from MultiArchiveSDKException .)
	Source	(Inherited from Exception .)
	StackTrace	(Inherited from Exception .)
	TargetSite	(Inherited from Exception .)

☰ **See Also**

[NtlmLogonException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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NtlmLogonException Constructor

[NtlmLogonException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
≡	NtlmLogonException()	Default constructor
≡	NtlmLogonException(SerializationInfo, StreamingContext)	Inherited constructor.
≡	NtlmLogonException(String, Exception)	Inherited constructor.
≡	NtlmLogonException(String, String, Exception)	Constructor handling a LogonException from the MultiArchive webservice. This exception is thrown when an attempt to logon to MultiArchive fails or when a credentials object is not longer valid.

☰ **See Also**

[NtlmLogonException Class](#)

[NtlmLogonException Members](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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NtlmLogonException Constructor

[NtlmLogonException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public NtlmLogonException()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
NtlmLogonException()
```

☰ **See Also**

[NtlmLogonException Class](#)

[NtlmLogonException Members](#)

[NtlmLogonException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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NtlmLogonException Constructor (SerializationInfo, StreamingContext)

[NtlmLogonException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Inherited constructor.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

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

Visual Basic

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

Visual C++

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

Parameters

info

Type: [System.Runtime.Serialization.SerializationInfo](#)

[Missing <param name="info"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.NtlmLogonException.#ctor(Sy

context

Type: [System.Runtime.Serialization.StreamingContext](#)

[Missing <param name="context"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.NtlmLogonException.#ctor(Sy

☰ **See Also**

[NtlmLogonException Class](#)

[NtlmLogonException Members](#)

[NtlmLogonException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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NtlmLogonException Constructor (String, Exception)

[NtlmLogonException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Inherited constructor.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public NtlmLogonException(  
    string message,  
    Exception innerException  
)
```

Visual Basic

```
Public Sub New (  
    message AS String,  
    innerException AS Exception  
)
```

Visual C++

```
public:  
NtlmLogonException(  
    String^ message,  
    Exception^ innerException  
)
```

Parameters

message

Type: [System.String](#)

A string detailing the exception thrown.

innerException

Type: [System.Exception](#)

A reference to the `FaultException` thrown by the MultiArchive webservice.

☰ **See Also**

[NtlmLogonException Class](#)

[NtlmLogonException Members](#)

[NtlmLogonException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

NtlmLogonException Constructor (String, String, Exception)

[NtlmLogonException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor handling a LogonException from the MultiArchive webservice.

This exception is thrown when an attempt to logon to MultiArchive fails or when a `credentials` object is not longer valid.

Namespace: [MultiArchive.SDK.Services.Exceptions](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public NtlmLogonException(  
    string message,  
    string reason,  
    Exception innerException  
)
```

Visual Basic

```
Public Sub New (  
    message As String,  
    reason As String,  
    innerException As Exception  
)
```

Visual C++

```
public:  
NtlmLogonException(  
    String^ message,  
    String^ reason,  
    Exception^ innerException  
)
```

Parameters

message

Type: [System.String](#)

A string detailing the exception thrown.

reason

Type: [System.String](#)

The exception type thrown by the MultiArchive webservice.

innerException

Type: [System.Exception](#)

A reference to the `FaultException` thrown by the MultiArchive webservice.

☰ **See Also**

[NtlmLogonException Class](#)

[NtlmLogonException Members](#)

[NtlmLogonException Overload](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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NtlmLogonException Methods

[NtlmLogonException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [NtlmLogonException](#) type exposes the following members.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetBaseException	(Inherited from Exception .)
	GetHashCode	(Inherited from Object .)
	GetObjectData	A method called when serializing a Singleton. (Inherited from MultiArchiveSDKException .)
	GetType	(Inherited from Exception .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Exception .)

☰ **See Also**

[NtlmLogonException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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NtlmLogonException Properties

[NtlmLogonException Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [NtlmLogonException](#) type exposes the following members.

▣ Properties

	Name	Description
	Data	(Inherited from Exception .)
	HelpLink	(Inherited from Exception .)
	HResult	(Inherited from Exception .)
	InnerException	(Inherited from Exception .)
	Message	(Inherited from Exception .)
	Reason	Property for holding the Reason thrown by the MultiArchive webservice. (Inherited from MultiArchiveSDKException .)
	Source	(Inherited from Exception .)
	StackTrace	(Inherited from Exception .)
	TargetSite	(Inherited from Exception .)

☰ **See Also**

[NtlmLogonException Class](#)

[MultiArchive.SDK.Services.Exceptions Namespace](#)

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MultiArchive SDK .NET Documentation

MultiArchive.SDK.ServiceUtils Namespace

[Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The namespace `MultiArchive.SDK.ServiceUtils` includes utility classes for working with the MultiArchive SDK as well as a helper class for making creating items in MultiArchive easier for developers.

Classes

	Class	Description
	CommonUtil	The is a service class with utility methods commonly used when working with the MultiArchive webservice.
	ComponentProperty	
	ComponentWrapper	
	ItemSpecificationBuilder	<p>This is a service class for handling the creation of ItemSpecifications used when creating new items in MultiArchive.</p> <p>The usage of this class is to specify some FieldSpecifications and ContentSpecifications and add them to the ItemSpecificationBuilder. When all have been added, a call to BuildItemSpecification will return an ItemSpecification object, which can be sent as a parameter when calling CreateItem on the ItemService.</p>
	SubComponentWrapper	

Enumerations

	Enumeration	Description
	MultiArchiveComponentType	
	SDKTransportProtocol	Enum for the different transport protocols supported by the SDK when communicating with MultiArchive web services.

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MultiArchive SDK .NET Documentation

CommonUtil Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

This is a service class with utility methods commonly used when working with the MultiArchive webservice.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

☐ Syntax

C#

```
public static class CommonUtil
```

Visual Basic

```
Public NotInheritable Class CommonUtil
```

Visual C++

```
public ref class CommonUtil abstract sealed
```

▣ **Inheritance Hierarchy**

[System.Object](#)

MultiArchive.SDK.ServiceUtils.CommonUtil

☰ **See Also**

[CommonUtil Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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CommonUtil Members

[CommonUtil Class](#) [Methods](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [CommonUtil](#) type exposes the following members.

Methods

	Name	Description
	GenerateHash(Byte[])	Utility method that generates an MD5 hash from a byte array.
	GenerateHash(String)	Utility method that generates an MD5 Hash from a file.
	MimeType	<p>Utility method that fetches the mimetype from the Windows registry based on a file extension.</p> <p>If a mimetype cannot be found in the registry for the specified extension, a mimetype of "application/octetstream" will be returned.</p>
	SetClientBase	<p>Method for getting the local IP and updating the ClientBaseAddress part of the CompositeDuplex of the CustomBinding.</p> <p>This is used when working with asynchronous calls to the MultiArchive webservice, where the webservice needs to make callbacks to the caller.</p>
	SetMessageVersion	<p>Method for setting the MessageVersion of the MessageEncoding element of the CustomBinding.</p> <p>This is used when the MultiArchive webservices run on a Websphere Server or other situations where it is necessary to change the message encoding.</p>

☰ **See Also**

[CommonUtil Class](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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CommonUtil Methods

[CommonUtil Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [CommonUtil](#) type exposes the following members.

Methods

	Name	Description
	GenerateHash(Byte[])	Utility method that generates an MD5 hash from a byte array.
	GenerateHash(String)	Utility method that generates an MD5 Hash from a file.
	MimeType	<p>Utility method that fetches the mimetype from the Windows registry based on a file extension.</p> <p>If a mimetype cannot be found in the registry for the specified extension, a mimetype of "application/octetstream" will be returned.</p>
	SetClientBase	<p>Method for getting the local IP and updating the ClientBaseAddress part of the CompositeDuplex of the CustomBinding.</p> <p>This is used when working with asynchronous calls to the MultiArchive webservice, where the webservice needs to make callbacks to the caller.</p>
	SetMessageVersion	<p>Method for setting the MessageVersion of the MessageEncoding element of the CustomBinding.</p> <p>This is used when the MultiArchive webservices run on a Websphere Server or other situations where it is necessary to change the message encoding.</p>

☰ **See Also**

[CommonUtil Class](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

CommonUtil.GenerateHash Method

[CommonUtil Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
	GenerateHash(Byte[])	Utility method that generates an MD5 hash from a byte array.
	GenerateHash(String)	Utility method that generates an MD5 Hash from a file.

☰ **See Also**

[CommonUtil Class](#)

[CommonUtil Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

CommonUtil.GenerateHash Method (Byte[])

[CommonUtil Class](#) [Example](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Utility method that generates an MD5 hash from a byte array.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public static string GenerateHash(  
    byte[] itemContent  
)
```

Visual Basic

```
Public Shared Function GenerateHash (  
    itemContent As Byte()  
) As String
```

Visual C++

```
public:  
static String^ GenerateHash(  
    array<unsigned char>^ itemContent  
)
```

Parameters

itemContent

Type: [System.Byte\[\]](#)

A byte array containing the content for which a hash should be generated.

Return Value

Type: [String](#)

A string containing the generated MD5 hash.

Examples

C#

 [Copy](#)

```
class TestClass
{
    static void Main()
    {
        UTF8Encoding enc = new UTF8Encoding();
        byte[] byteContent = enc.GetBytes("Hello Wor:
        string md5Hash = CommonUtils.GenerateHash(by
    }
}
```

■ Exceptions

Exception	Condition
MultiArchive.SDK.Services.Exceptions.ItemException	Throws an <code>ItemException</code> if the bytearray <code>itemContent</code> is empty.

☰ **See Also**

[CommonUtil Class](#)

[CommonUtil Members](#)

[GenerateHash Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

CommonUtil.GenerateHash Method (String)

[CommonUtil Class](#) [Example](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Utility method that generates an MD5 Hash from a file.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public static string GenerateHash(  
    string filePathAndName  
)
```

Visual Basic

```
Public Shared Function GenerateHash (  
    filePathAndName As String  
) As String
```

Visual C++

```
public:  
static String^ GenerateHash(  
    String^ filePathAndName  
)
```

Parameters

filePathAndName

Type: [System.String](#)

The path and name of the file for which a hash should be generated.

Return Value

Type: [String](#)

A string containing the generated MD5 hash.

Examples

C#

```
class TestClass
{
    static void Main()
    {
        string md5Hash = CommonUtils.GenerateHash("@")
    }
}
```

▣ Exceptions

Exception	Condition
MultiArchive.SDK.Services.Exceptions.ItemException	Throws an <code>ItemException</code> if the path specified is empty.

☰ **See Also**

[CommonUtil Class](#)

[CommonUtil Members](#)

[GenerateHash Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

CommonUtil.MimeType Method

[CommonUtil Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Utility method that fetches the mimetype from the Windows registry based on a file extension.

If a mimetype cannot be found in the registry for the specified extension, a mimetype of "application/octetstream" will be returned.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public static string MimeType(  
    string extension  
)
```

Visual Basic

```
Public Shared Function MimeType (  
    extension As String  
) As String
```

Visual C++

```
public:  
static String^ MimeType(  
    String^ extension  
)
```

Parameters

extension

Type: [System.String](#)

The file extension for which a mimetype should be found.

Return Value

Type: [String](#)

A string containing the mimetype for the specified extension.

☰ **See Also**

[CommonUtil Class](#)

[CommonUtil Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

CommonUtil.SetClientBase Method

[CommonUtil Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for getting the local IP and updating the ClientBaseAddress part of the CompositeDuplex of the [CustomBinding](#).

This is used when working with asynchronous calls to the MultiArchive webservice, where the webservice needs to make callbacks to the caller.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public static void SetClientBase(  
    CustomBinding binding  
)
```

Visual Basic

```
Public Shared Sub SetClientBase (  
    binding As CustomBinding  
)
```

Visual C++

```
public:  
static void SetClientBase(  
    CustomBinding^ binding  
)
```

Parameters

binding

Type: [System.ServiceModel.Channels.CustomBinding](#)

A reference to the CustomBinding and Endpoint used for the connection.

☰ **See Also**

[CommonUtil Class](#)

[CommonUtil Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

CommonUtil.SetMessageVersion Method

[CommonUtil Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for setting the MessageVersion of the MessageEncoding element of the CustomBinding.

This is used when the MultiArchive webservises run on a Websphere Server or other situations where it is necessary to change the message encoding.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public static void SetMessageVersion(  
    CustomBinding binding,  
    MessageVersion messageVersion  
)
```

Visual Basic

```
Public Shared Sub SetMessageVersion (  
    binding As CustomBinding,  
    messageVersion As MessageVersion  
)
```

Visual C++

```
public:  
static void SetMessageVersion(  
    CustomBinding^ binding,  
    MessageVersion^ messageVersion  
)
```

Parameters

binding

Type: [System.ServiceModel.Channels.CustomBinding](#)

[Missing <param name="binding"/> documentation for

"M:MultiArchive.SDK.ServiceUtils.CommonUtil.SetMessageVersion(Syst

messageVersion

Type: [System.ServiceModel.Channels.MessageVersion](#)

[Missing <param name="messageVersion"/> documentation for

"M:MultiArchive.SDK.ServiceUtils.CommonUtil.SetMessageVersion(Syst

☰ **See Also**

[CommonUtil Class](#)

[CommonUtil Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentProperty Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"T:MultiArchive.SDK.ServiceUtils.ComponentProperty"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public class ComponentProperty
```

Visual Basic

```
Public Class ComponentProperty
```

Visual C++

```
public ref class ComponentProperty
```

▣ Inheritance Hierarchy

[System.Object](#)

MultiArchive.SDK.ServiceUtils.ComponentProperty

☰ **See Also**

[ComponentProperty Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentProperty Members

[ComponentProperty Class](#) [Constructors](#) [Methods](#) [Properties](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentProperty](#) type exposes the following members.

≡ Constructors

	Name	Description
≡	ComponentProperty()	Default constructor
≡	ComponentProperty(String, String, String)	Constructor setting the local variable according to the parameters specified.

☰ **Methods**

	Name	Description
☰	Equals	(Inherited from Object .)
💡	Finalize	(Inherited from Object .)
☰	GetHashCode	(Inherited from Object .)
☰	GetType	(Inherited from Object .)
💡	MemberwiseClone	(Inherited from Object .)
☰	ToString	(Inherited from Object .)

▣ Properties

	Name	Description
	<u>Name</u>	Property holding the name of the component property.
	<u>Type</u>	Property holding a string representation of the type of component property.
	<u>Value</u>	Property holding the value of the component property.

☰ **See Also**

[ComponentProperty Class](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentProperty Constructor

[ComponentProperty Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
≡	ComponentProperty()	Default constructor
≡	ComponentProperty(String, String, String)	Constructor setting the local variable according to the parameters specified.

☰ **See Also**

[ComponentProperty Class](#)

[ComponentProperty Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentProperty Constructor

[ComponentProperty Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public ComponentProperty()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
ComponentProperty()
```

☰ **See Also**

[ComponentProperty Class](#)

[ComponentProperty Members](#)

[ComponentProperty Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentProperty Constructor (String, String, String)

[ComponentProperty Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor setting the local variable according to the parameters specified.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public ComponentProperty(  
    string name,  
    string type,  
    string value  
)
```

Visual Basic

```
Public Sub New (  
    name As String,  
    type As String,  
    value As String  
)
```

Visual C++

```
public:  
ComponentProperty(  
    String^ name,  
    String^ type,  
    String^ value  
)
```

Parameters

name

Type: [System.String](#)

The name of the property.

type

Type: [System.String](#)

The type of the property.

value

Type: [System.String](#)
The value of the property.

☰ **See Also**

[ComponentProperty Class](#)

[ComponentProperty Members](#)

[ComponentProperty Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentProperty Methods

[ComponentProperty Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentProperty](#) type exposes the following members.

☰ **Methods**

	Name	Description
☰	Equals	(Inherited from Object .)
💡	Finalize	(Inherited from Object .)
☰	GetHashCode	(Inherited from Object .)
☰	GetType	(Inherited from Object .)
💡	MemberwiseClone	(Inherited from Object .)
☰	ToString	(Inherited from Object .)

☰ **See Also**

[ComponentProperty Class](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentProperty Properties

[ComponentProperty Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentProperty](#) type exposes the following members.

▣ Properties

	Name	Description
	<u>Name</u>	Property holding the name of the component property.
	<u>Type</u>	Property holding a string representation of the type of component property.
	<u>Value</u>	Property holding the value of the component property.

☰ **See Also**

[ComponentProperty Class](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentProperty.Name Property

[ComponentProperty Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Property holding the name of the component property.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string Name { get; set; }
```

Visual Basic

```
Public Property Name As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[ComponentProperty Class](#)

[ComponentProperty Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentProperty.Type Property

[ComponentProperty Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Property holding a string representation of the type of component property.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public string Type { get; set; }
```

Visual Basic

```
Public Property Type As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[ComponentProperty Class](#)

[ComponentProperty Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentProperty.Value Property

[ComponentProperty Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Property holding the value of the component property.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public string Value { get; set; }
```

Visual Basic

```
Public Property Value As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[ComponentProperty Class](#)

[ComponentProperty Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"T:MultiArchive.SDK.ServiceUtils.ComponentWrapper"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public class ComponentWrapper
```

Visual Basic

```
Public Class ComponentWrapper
```

Visual C++

```
public ref class ComponentWrapper
```

▣ **Inheritance Hierarchy**

[System.Object](#)

MultiArchive.SDK.ServiceUtils.ComponentWrapper

☰ **See Also**

[ComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper Members

[ComponentWrapper Class](#) [Constructors](#) [Methods](#) [Properties](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentWrapper](#) type exposes the following members.

≡ Constructors

	Name	Description
	ComponentWrapper	Initializes a new instance of the ComponentWrapper class

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetComponent	
	GetContentType	
	GetFolderType	
	GetHashCode	(Inherited from Object .)
	GetItemType	
	GetProperties	
	GetSubComponentAt	
	GetSubComponents	
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Object .)

[-] Properties

	Name	Description
	componentType	
	Description	
	NumberOfSubComponents	
	Urn	

☰ **See Also**

[ComponentWrapper Class](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper Constructor

[ComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Initializes a new instance of the [ComponentWrapper](#) class

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public ComponentWrapper(  
    Component component  
)
```

Visual Basic

```
Public Sub New (  
    component As Component  
)
```

Visual C++

```
public:  
ComponentWrapper(  
    Component^ component  
)
```

Parameters

component

Type: **Component**

[Missing <param name="component"/> documentation for

"M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.#ctor(MultiArch

☰ **See Also**

[ComponentWrapper Class](#)

[ComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper Methods

[ComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentWrapper](#) type exposes the following members.

Methods

	Name	Description
	Equals	(Inherited from Object .)
	Finalize	(Inherited from Object .)
	GetComponent	
	GetContentType	
	GetFolderType	
	GetHashCode	(Inherited from Object .)
	GetItemType	
	GetProperties	
	GetSubComponentAt	
	GetSubComponents	
	GetType	(Inherited from Object .)
	MemberwiseClone	(Inherited from Object .)
	ToString	(Inherited from Object .)

☰ **See Also**

[ComponentWrapper Class](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper.GetComponent Method

[ComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetComponent"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public Component GetComponent()
```

Visual Basic

```
Public Function GetComponent As Component
```

Visual C++

```
public:  
Component^ GetComponent()
```

Return Value

Type: **Component**

[Missing <returns> documentation for "M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetComponent"]

☰ **See Also**

[ComponentWrapper Class](#)

[ComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper.GetContentType Method

[ComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetContentType"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public ContentType GetContentType()
```

Visual Basic

```
Public Function GetContentType As ContentType
```

Visual C++

```
public:  
ContentType^ GetContentType()
```

Return Value

Type: **ContentType**

[Missing <returns> documentation for "M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetContentType"

☰ **See Also**

[ComponentWrapper Class](#)

[ComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper.GetFolderType Method

[ComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetFolderType"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public FolderType GetFolderType()
```

Visual Basic

```
Public Function GetFolderType As FolderType
```

Visual C++

```
public:  
FolderType^ GetFolderType()
```

Return Value

Type: **FolderType**

[Missing <returns> documentation for "M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetFolderType".]

☰ **See Also**

[ComponentWrapper Class](#)

[ComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper.GetItem Type Method

[ComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetItem Type"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public ItemType GetItemType()
```

Visual Basic

```
Public Function GetItemType As ItemType
```

Visual C++

```
public:  
ItemType^ GetItemType()
```

Return Value

Type: **ItemType**

[Missing <returns> documentation for "M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetItemType"]

☰ **See Also**

[ComponentWrapper Class](#)

[ComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper.GetProperties Method

[ComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetProperties"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public Dictionary<string, ComponentProperty> GetProp
```

Visual Basic

```
Public Function GetProperties As Dictionary(Of String,
```

Visual C++

```
public:  
Dictionary<String^, ComponentProperty^>^ GetProperti
```

Return Value

Type: [Dictionary\(String, ComponentProperty\)](#)

[Missing <returns> documentation for "M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetProperties"]

☰ **See Also**

[ComponentWrapper Class](#)

[ComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper.GetSubComponentAt Method

[ComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetSubComponen**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public SubComponentWrapper GetSubComponentAt(  
    long elementNumber  
)
```

Visual Basic

```
Public Function GetSubComponentAt (  
    elementNumber As Long  
) As SubComponentWrapper
```

Visual C++

```
public:  
SubComponentWrapper^ GetSubComponentAt(  
    long long elementNumber  
)
```

Parameters

elementNumber

Type: [System.Int64](#)

[Missing <param name="elementNumber"/> documentation for
"M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetSubComponc

Return Value

Type: [SubComponentWrapper](#)

[Missing <returns> documentation for
"M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetSubComponc

☰ **See Also**

[ComponentWrapper Class](#)

[ComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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ComponentWrapper.GetSubComponents Method

[ComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetSubComponen**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public List<SubComponentWrapper> GetSubComponents()
```

Visual Basic

```
Public Function GetSubComponents As List(Of SubCompon
```

Visual C++

```
public:  
List<SubComponentWrapper^> GetSubComponents()
```

Return Value

Type: [List\(SubComponentWrapper\)](#)

[Missing <returns> documentation for

"M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetSubCompon

☰ **See Also**

[ComponentWrapper Class](#)

[ComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper Properties

[ComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ComponentWrapper](#) type exposes the following members.

[-] Properties

	Name	Description
	componentType	
	Description	
	NumberOfSubComponents	
	Urn	

☰ **See Also**

[ComponentWrapper Class](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper.componentType Property

[ComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.ComponentWrapper.componentType"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public MultiArchiveComponentType componentType { get
```

Visual Basic

```
Public Property componentType As MultiArchiveComponen  
    Get  
    Set
```

Visual C++

```
public:  
property MultiArchiveComponentType componentType {  
    MultiArchiveComponentType get ();  
    void set (MultiArchiveComponentType value);  
}
```

Property Value

Type: [MultiArchiveComponentType](#)

☰ **See Also**

[ComponentWrapper Class](#)

[ComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper.Description Property

[ComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.ComponentWrapper.Description"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string Description { get; set; }
```

Visual Basic

```
Public Property Description As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[ComponentWrapper Class](#)

[ComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper.NumberOfSubComponents Property

[ComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

[Missing <summary> documentation for

"P:MultiArchive.SDK.ServiceUtils.ComponentWrapper.NumberOfSubCom

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public int NumberOfSubComponents { get; }
```

Visual Basic

```
Public ReadOnly Property NumberOfSubComponents As Integer  
    Get
```

Visual C++

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

Property Value

Type: [Int32](#)

☰ **See Also**

[ComponentWrapper Class](#)

[ComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ComponentWrapper.Urn Property

[ComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.ComponentWrapper.Urn"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string Urn { get; set; }
```

Visual Basic

```
Public Property Urn As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[ComponentWrapper Class](#)

[ComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder Class

[Members](#) [Example](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

This is a service class for handling the creation of `ItemSpecifications` used when creating new items in MultiArchive.

The usage of this class is to specify some `FieldSpecifications` and `ContentSpecifications` and add them to the `ItemSpecificationBuilder`.

When all have been added, a call to `BuildItemSpecification` will return an `ItemSpecification` object, which can be sent as a parameter when calling `CreateItem` on the `ItemService`.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

☐ Syntax

C#

```
public class ItemSpecificationBuilder
```

Visual Basic

```
Public Class ItemSpecificationBuilder
```

Visual C++

```
public ref class ItemSpecificationBuilder
```

Examples

C#

```
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new Item
myBuilder.Archive = "urn:multiarchive:archive
myBuilder.ItemType = "urn:multiarchive:itemt

myBuilder.AddFieldSpecification("urn:multiarc
myBuilder.AddFieldSpecification("urn:multiarc
myBuilder.AddFieldSpecification("urn:multiarc
myBuilder.AddFieldSpecification(fieldtypes.n

myBuilder.AddContentSpecification("Hello Wor

        ItemSpecification itemSpecificationObj = myB

    }
}
```

▣ **Inheritance Hierarchy**

[System.Object](#)

MultiArchive.SDK.ServiceUtils.ItemSpecificationBuilder

☰ **See Also**

[ItemSpecificationBuilder Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder Members

[ItemSpecificationBuilder Class](#) [Constructors](#) [Methods](#) [Properties](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ItemSpecificationBuilder](#) type exposes the following members.

≡ Constructors

	Name	Description
≡	ItemSpecificationBuilder()	Default constructor.
≡	ItemSpecificationBuilder(String, String)	Constructor that adds Archive and ItemT to the ItemSpecification. The Archive URN is in the following for "urn:multiarchive:archive:A42" The ItemType URN is in the following for "urn:multiarchive:itemtype:A42:CUSTC

Methods

	Name	Description
	AddContentSpecification(FileSystemInfo)	Method that creates a new ContentSpecification on a physical file on the local filesystem.
	AddContentSpecification(FileSystemInfo, String)	Method that creates a new ContentSpecification on a physical file on the local filesystem. If a mimetype is specified in the parameters, the content file will be saved in MultiArchive with this mimetype instead of the mimetype of the actual physical file.
	AddContentSpecification(Stream, String, String, String)	Method that creates a new ContentSpecification on a stream specified. If a mimetype is specified in the parameters, the content file will be saved in MultiArchive with this mimetype instead of the mimetype of the actual physical file.
	AddContentSpecification(String, String, String, String)	Method that creates a new ContentSpecification on the content of the contentValue string, and adds it to the local ContentSpecifications. If a mimetype is specified in the parameters, the content file will be saved in MultiArchive with this mimetype instead of the mimetype of the actual physical file.

 AddFieldSpecification(String, DateTime)	Method that creates a FieldSpecification obj type Date with the specified arguments and adds it to the list FieldSpecifications .
 AddFieldSpecification(String, Decimal)	Method that creates a FieldSpecification obj type Decimal with the specified arguments and adds it to the list FieldSpecifications .
 AddFieldSpecification(String, Int32)	Method that creates a FieldSpecification obj type Numeric with the specified arguments and adds it to the list FieldSpecifications .
 AddFieldSpecification(String, String)	Method that creates a FieldSpecification obj type Character with the specified arguments and adds it to the list FieldSpecifications .
 AddFieldSpecification(Fieldtypes, String, String)	Method that creates a FieldSpecification obj with the specified arguments and adds it to the list of FieldSpecifications .
 BuildItemSpecification	Method for building the ItemSpecification based on the information added to the ItemSpecificationBuilder .
 CheckFieldType	Method for making sure that the specified fieldtype and fieldvalue conforms to the restrictions of the type specified by the MultiArc webservice.
 CheckParameter	Method for checking that the parameter specified is not null, empty or an empty list.

 Equals	(Inherited from Object.)
 Finalize	(Inherited from Object.)
 GetHashCode	(Inherited from Object.)
 GetType	(Inherited from Object.)
 MemberwiseClone	(Inherited from Object.)
 ToString	(Inherited from Object.)

▣ Properties

	Name	Description
	<u>Archive</u>	Property for holding the archive URN.
	<u>ExternalID</u>	Property for holding the external ID.
	<u>ItemType</u>	Property for holding the itemtype URN.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder Constructor

[ItemSpecificationBuilder Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
≡	ItemSpecificationBuilder()	Default constructor.
≡	ItemSpecificationBuilder(String, String)	Constructor that adds Archive and ItemT to the ItemSpecification. The Archive URN is in the following for "urn:multiarchive:archive:A42" The ItemType URN is in the following for "urn:multiarchive:itemtype:A42:CUSTC

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder Constructor

[ItemSpecificationBuilder Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Default constructor.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public ItemSpecificationBuilder()
```

Visual Basic

```
Public Sub New
```

Visual C++

```
public:  
ItemSpecificationBuilder()
```

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[ItemSpecificationBuilder Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder Constructor (String, String)

[ItemSpecificationBuilder Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Constructor that adds Archive and ItemType information to the ItemSpecification.

The Archive URN is in the following format: "urn:multiarchive:archive:A42"

The ItemType URN is in the following format:

"urn:multiarchive:itemtype:A42:CUSTOMER_LETTER"

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public ItemSpecificationBuilder(  
    string archive,  
    string itemType  
)
```

Visual Basic

```
Public Sub New (  
    archive As String,  
    itemType As String  
)
```

Visual C++

```
public:  
ItemSpecificationBuilder(  
    String^ archive,  
    String^ itemType  
)
```

Parameters

archive

Type: [System.String](#)

A string representation of the archive URN.

itemType

Type: [System.String](#)

A string representation of an itemtype URN.

▣ Exceptions

Exception	Condition
System.ArgumentException	Throws an <code>ArgumentException</code> if either the archive or the <code>ItemType</code> is missing or empty.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[ItemSpecificationBuilder Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder Methods

[ItemSpecificationBuilder Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ItemSpecificationBuilder](#) type exposes the following members.

Methods

	Name	Description
	AddContentSpecification(FileSystemInfo)	Method that creates a new ContentSpecification on a physical file on the local filesystem.
	AddContentSpecification(FileSystemInfo, String)	Method that creates a new ContentSpecification on a physical file on the local filesystem. If a mimetype is specified in the parameters, the content file will be saved in MultiArchive with this mimetype instead of the mimetype of the actual physical file.
	AddContentSpecification(Stream, String, String, String)	Method that creates a new ContentSpecification on a stream specified. If a mimetype is specified in the parameters, the content file will be saved in MultiArchive with this mimetype instead of the mimetype of the actual physical file.
	AddContentSpecification(String, String, String, String)	Method that creates a new ContentSpecification on the content of the contentValue string, and adds it to the local ContentSpecifications. If a mimetype is specified in the parameters, the content file will be saved in MultiArchive with this mimetype instead of the mimetype of the actual physical file.

 AddFieldSpecification(String, DateTime)	Method that creates a FieldSpecification obj type Date with the specified arguments and adds it to the list FieldSpecifications .
 AddFieldSpecification(String, Decimal)	Method that creates a FieldSpecification obj type Decimal with the specified arguments and adds it to the list FieldSpecifications .
 AddFieldSpecification(String, Int32)	Method that creates a FieldSpecification obj type Numeric with the specified arguments and adds it to the list FieldSpecifications .
 AddFieldSpecification(String, String)	Method that creates a FieldSpecification obj type Character with the specified arguments and adds it to the list FieldSpecifications .
 AddFieldSpecification(Fieldtypes, String, String)	Method that creates a FieldSpecification obj with the specified arguments and adds it to the list of FieldSpecifications .
 BuildItemSpecification	Method for building the ItemSpecification based on the information added to the ItemSpecificationBuilder .
 CheckFieldType	Method for making sure that the specified fieldtype and fieldvalue conforms to the restrictions of the type specified by the MultiArc webservice.
 CheckParameter	Method for checking that the parameter specified is not null, empty or an empty list.

 Equals	(Inherited from Object.)
 Finalize	(Inherited from Object.)
 GetHashCode	(Inherited from Object.)
 GetType	(Inherited from Object.)
 MemberwiseClone	(Inherited from Object.)
 ToString	(Inherited from Object.)

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.AddContentSpecification Method

[ItemSpecificationBuilder Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
≡	AddContentSpecification(FileSystemInfo)	Method that creates a new ContentSpecification based on a physical file on the local filesystem.
≡	AddContentSpecification(FileSystemInfo, String)	Method that creates a new ContentSpecification based on a physical file on the local filesystem. If a mimetype is specified in the parameters, the content file will be saved in MultiArchive with this mimetype instead of the mimetype of the actual physical file.
≡	AddContentSpecification(Stream, String, String, String)	Method that creates a new ContentSpecificaion based on a stream specified If a mimetype is specified in the parameters, the content file will be saved in MultiArchive with this mimetype instead of the mimetype of the actual physical file.
≡	AddContentSpecification(String, String, String, String)	Method that creates a new ContentSpecification based on the content of the <code>contentValue</code> -string, and adds it to the local list of ContentSpecifications .

If a mimetype is specified in the parameters, the content file will be saved in MultiArchive with this mimetype instead of the mimetype of the actual physical file.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.AddContentSpecification Method (FileInfo)

[ItemSpecificationBuilder Class](#) [Example](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method that creates a new `ContentSpecification` based on a physical file on the local filesystem.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void AddContentSpecification(  
    FileSystemInfo content  
)
```

Visual Basic

```
Public Sub AddContentSpecification (  
    content As FileSystemInfo  
)
```

Visual C++

```
public:  
void AddContentSpecification(  
    FileSystemInfo^ content  
)
```

Parameters

content

Type: [System.IO.FileSystemInfo](#)

A reference to a physical file on the local filesystem which is to be attached to the created item.

Examples

C#

 [Copy](#)

```
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new Item
        FileInfo info = new FileInfo(@"C:\HelloWorld
        myBuilder.AddContentSpecification(info);
    }
}
```

■ Exceptions

Exception	Condition
System.ArgumentException	Throws an <code>ArgumentException</code> if a content file is not specified.
MultiArchive.SDK.Services.Exceptions.ItemException	Throws an <code>ItemException</code> if file specified or its directories does not exist.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[AddContentSpecification Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.AddContentSpecification Method (FileInfo, String)

[ItemSpecificationBuilder Class](#) [Example](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method that creates a new `ContentSpecification` based on a physical file on the local filesystem.

If a mimetype is specified in the parameters, the content file will be saved in MultiArchive with this mimetype instead of the mimetype of the actual physical file.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void AddContentSpecification(  
    FileSystemInfo content,  
    string mimeType  
)
```

Visual Basic

```
Public Sub AddContentSpecification (  
    content As FileSystemInfo,  
    mimeType As String  
)
```

Visual C++

```
public:  
void AddContentSpecification(  
    FileSystemInfo^ content,  
    String^ mimeType  
)
```

Parameters

content

Type: [System.IO.FileSystemInfo](#)

A reference to a physical file on the local filesystem which is to be attached to the created item.

mimeType

Type: [System.String](#)

A user specified mimetype for the file being attached. This overrides the mimetype of the physical file.

Examples

C#

 [Copy](#)

```
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new Item
        FileInfo info = new FileInfo(@"C:\HelloWorld
        myBuilder.AddContentSpecification(info, "tex:
    }
}
```

■ Exceptions

Exception	Condition
System.ArgumentNullException	Throws an <code>ArgumentExcepti</code> if a content file is not specified.
MultiArchive.SDK.Services.Exceptions.ItemException	Throws an <code>ItemException</code> if file specified or one of its directories does not exist.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[AddContentSpecification Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.AddContentSpecification Method (Stream, String, String, String)

[ItemSpecificationBuilder Class](#) [Example](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method that creates a new `ContentSpecification` based on a stream specified

If a mimetype is specified in the parameters, the content file will be saved in MultiArchive with this mimetype instead of the mimetype of the actual physical file.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void AddContentSpecification(  
    Stream content,  
    string itemDescription,  
    string itemExtension,  
    string mimeType  
)
```

Visual Basic

```
Public Sub AddContentSpecification (  
    content As Stream,  
    itemDescription As String,  
    itemExtension As String,  
    mimeType As String  
)
```

Visual C++

```
public:  
void AddContentSpecification(  
    Stream^ content,  
    String^ itemDescription,  
    String^ itemExtension,  
    String^ mimeType  
)
```

Parameters

content

Type: [System.IO.Stream](#)

A stream object containing the content of the attachment.

itemDescription

Type: [System.String](#)

A description of the item being attached. Will be used to specify the content name in MultiArchive.

itemExtension

Type: [System.String](#)

The extension of the file being attached to the item.

mimeType

Type: [System.String](#)

A user specified mimetype for the file being attached. This overrides the mimetype of the physical file.

Examples

C#

```
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new Item
        FileStream stream = new FileStream(@"C:\Hello
        myBuilder.AddContentSpecification(stream, "H
    }
}
```

■ Exceptions

Exception	Condition
System.ArgumentException	Throws an <code>ArgumentException</code> if either <code>content</code> , <code>itemDescription</code> or <code>itemExtension</code> are missing.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[AddContentSpecification Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.AddContentSpecification Method (String, String, String, String)

[ItemSpecificationBuilder Class](#) [Example](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method that creates a new `ContentSpecification` based on the content of the `contentValue`-string, and adds it to the local list of `ContentSpecifications`.

If a `mimetype` is specified in the parameters, the content file will be saved in `MultiArchive` with this `mimetype` instead of the `mimetype` of the actual physical file.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void AddContentSpecification(  
    string content,  
    string itemDescription,  
    string itemExtension,  
    string mimeType  
)
```

Visual Basic

```
Public Sub AddContentSpecification (  
    content As String,  
    itemDescription As String,  
    itemExtension As String,  
    mimeType As String  
)
```

Visual C++

```
public:  
void AddContentSpecification(  
    String^ content,  
    String^ itemDescription,  
    String^ itemExtension,  
    String^ mimeType  
)
```

Parameters

content

Type: [System.String](#)

A string containing the content of the attachment.

itemDescription

Type: [System.String](#)

A description of the item being attached. Will be used to specify the content name in MultiArchive.

itemExtension

Type: [System.String](#)

The extension of the file being attached to the item.

mimeType

Type: [System.String](#)

A user specified mimetype for the file being attached. This overrides the mimetype of the physical file.

Examples

C#

```
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new Item
        myBuilder.AddContentSpecification("Hello Wor:
    }
}
```

■ Exceptions

Exception	Condition
System.ArgumentException	Throws an <code>ArgumentException</code> if either <code>content</code> , <code>itemDescription</code> or <code>itemExtension</code> are missing or empty.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[AddContentSpecification Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.AddFieldSpecification Method

[ItemSpecificationBuilder Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

≡ Overload List

	Name	Description
	AddFieldSpecification(String, DateTime)	Method that creates a FieldSpecification object of type Date with the specified arguments and adds it to the list of FieldSpecifications .
	AddFieldSpecification(String, Decimal)	Method that creates a FieldSpecification object of type Decimal with the specified arguments and adds it to the list of FieldSpecifications .
	AddFieldSpecification(String, Int32)	Method that creates a FieldSpecification object of type Numeric with the specified arguments and adds it to the list of FieldSpecifications .
	AddFieldSpecification(String, String)	Method that creates a FieldSpecification object of type Character with the specified arguments and adds it to the list of FieldSpecifications .
	AddFieldSpecification(Fieldtypes, String, String)	Method that creates a FieldSpecification object with the specified arguments and adds it to the list of FieldSpecifications .

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.AddFieldSpecification Method (String, DateTime)

[ItemSpecificationBuilder Class](#) [Example](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method that creates a `FieldSpecification` object of type `Date` with the specified arguments and adds it to the list of `FieldSpecifications`.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void AddFieldSpecification(  
    string maFieldType,  
    DateTime fieldValue  
)
```

Visual Basic

```
Public Sub AddFieldSpecification (  
    maFieldType As String,  
    fieldValue As DateTime  
)
```

Visual C++

```
public:  
void AddFieldSpecification(  
    String^ maFieldType,  
    DateTime fieldValue  
)
```

Parameters

maFieldType

Type: [System.String](#)

[Missing <param name="maFieldType"/> documentation for "M:MultiArchive.SDK.ServiceUtils.ItemSpecificationBuilder.AddFieldSp

fieldValue

Type: [System.DateTime](#)

[Missing <param name="fieldValue"/> documentation for "M:MultiArchive.SDK.ServiceUtils.ItemSpecificationBuilder.AddFieldSp

Examples

C#

```
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new Item
        myBuilder.AddFieldSpecification("urn:multiaro
    }
}
```

▣ Exceptions

Exception	Condition
System.ArgumentException	Throws an <code>ArgumentException</code> if either <code>maFieldType</code> or <code>fieldValue</code> are missing or empty.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[AddFieldSpecification Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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ItemSpecificationBuilder.AddFieldSpecification Method (String, Decimal)

[ItemSpecificationBuilder Class](#) [Example](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method that creates a `FieldSpecification` object of type `Decimal` with the specified arguments and adds it to the list of `FieldSpecifications`.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void AddFieldSpecification(  
    string maFieldType,  
    decimal fieldValue  
)
```

Visual Basic

```
Public Sub AddFieldSpecification (  
    maFieldType As String,  
    fieldValue As Decimal  
)
```

Visual C++

```
public:  
void AddFieldSpecification(  
    String^ maFieldType,  
    Decimal fieldValue  
)
```

Parameters

maFieldType

Type: [System.String](#)

[Missing <param name="maFieldType"/> documentation for "M:MultiArchive.SDK.ServiceUtils.ItemSpecificationBuilder.AddFieldSp

fieldValue

Type: [System.Decimal](#)

[Missing <param name="fieldValue"/> documentation for "M:MultiArchive.SDK.ServiceUtils.ItemSpecificationBuilder.AddFieldSp

Examples

C#

```
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new Item
        myBuilder.AddFieldSpecification("urn:multiaro
    }
}
```

▣ Exceptions

Exception	Condition
System.ArgumentException	Throws an <code>ArgumentException</code> if either <code>maFieldType</code> or <code>fieldValue</code> are missing or empty.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[AddFieldSpecification Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.AddFieldSpecification Method (String, Int32)

[ItemSpecificationBuilder Class](#) [Example](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method that creates a `FieldSpecification` object of type `Numeric` with the specified arguments and adds it to the list of `FieldSpecifications`.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void AddFieldSpecification(  
    string maFieldType,  
    int fieldValue  
)
```

Visual Basic

```
Public Sub AddFieldSpecification (  
    maFieldType As String,  
    fieldValue As Integer  
)
```

Visual C++

```
public:  
void AddFieldSpecification(  
    String^ maFieldType,  
    int fieldValue  
)
```

Parameters

maFieldType

Type: [System.String](#)

[Missing <param name="maFieldType"/> documentation for "M:MultiArchive.SDK.ServiceUtils.ItemSpecificationBuilder.AddFieldSp

fieldValue

Type: [System.Int32](#)

[Missing <param name="fieldValue"/> documentation for "M:MultiArchive.SDK.ServiceUtils.ItemSpecificationBuilder.AddFieldSp

Examples

C#

```
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new Item
        myBuilder.AddFieldSpecification("urn:multiarc
    }
}
```

■ Exceptions

Exception	Condition
System.ArgumentException	Throws an <code>ArgumentException</code> if either <code>maFieldType</code> or <code>fieldValue</code> are missing or empty.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[AddFieldSpecification Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.AddFieldSpecification Method (String, String)

[ItemSpecificationBuilder Class](#) [Example](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method that creates a `FieldSpecification` object of type `Character` with the specified arguments and adds it to the list of `FieldSpecifications`.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void AddFieldSpecification(  
    string maFieldType,  
    string fieldValue  
)
```

Visual Basic

```
Public Sub AddFieldSpecification (  
    maFieldType As String,  
    fieldValue As String  
)
```

Visual C++

```
public:  
void AddFieldSpecification(  
    String^ maFieldType,  
    String^ fieldValue  
)
```

Parameters

maFieldType

Type: [System.String](#)

An URN representing the information being added.

fieldValue

Type: [System.String](#)

The value being added to the FieldSpecification.

Examples

C#

```
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new Item
        myBuilder.AddFieldSpecification("urn:multiaro
    }
}
```

■ Exceptions

Exception	Condition
System.ArgumentException	Throws an <code>ArgumentException</code> if either <code>maFieldType</code> or <code>fieldValue</code> are missing or empty.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[AddFieldSpecification Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.AddFieldSpecification Method (Fieldtypes, String, String)

[ItemSpecificationBuilder Class](#) [Example](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method that creates a `FieldSpecification` object with the specified arguments and adds it to the list of `FieldSpecifications`.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void AddFieldSpecification(  
    Fieldtypes fieldType,  
    string maFieldType,  
    string fieldValue  
)
```

Visual Basic

```
Public Sub AddFieldSpecification (  
    fieldType As Fieldtypes,  
    maFieldType As String,  
    fieldValue As String  
)
```

Visual C++

```
public:  
void AddFieldSpecification(  
    Fieldtypes fieldType,  
    String^ maFieldType,  
    String^ fieldValue  
)
```

Parameters

fieldType

Type: **Fieldtypes**

[Missing <param name="fieldType"/> documentation for "M:MultiArchive.SDK.ServiceUtils.ItemSpecificationBuilder.AddFieldSp

maFieldType

Type: [System.String](#)

[Missing <param name="maFieldType"/> documentation for

"M:MultiArchive.SDK.ServiceUtils.ItemSpecificationBuilder.AddFieldSp
fieldValue

Type: [System.String](#)

[Missing <param name="fieldValue"/> documentation for

"M:MultiArchive.SDK.ServiceUtils.ItemSpecificationBuilder.AddFieldSp

Examples

C#

```
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new Item
        myBuilder.AddFieldSpecification(fieldtypes.n
    }
}
```

■ Exceptions

Exception	Condition
System.ArgumentException	Throws an <code>ArgumentException</code> if either <code>maFieldType</code> or <code>fieldValue</code> are missing or empty, or if the <code>fieldValue</code> does not correspond to the <code>fieldType</code> specified.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[AddFieldSpecification Overload](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.BuildItemSpecification Method

[ItemSpecificationBuilder Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for building the `ItemSpecification` based on the information added to the `ItemSpecificationBuilder`.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public ItemSpecification BuildItemSpecification()
```

Visual Basic

```
Public Function BuildItemSpecification As ItemSpecif:
```

Visual C++

```
public:  
ItemSpecification^ BuildItemSpecification()
```

Return Value

Type: **ItemSpecification**

The return value of this method is an **ItemSpecification** object.

■ Exceptions

Exception	Condition
System.ArgumentException	An <code>ArgumentException</code> is thrown if either the <code>archive</code> or <code>ItemType</code> is missing, or if no <code>ContentSpecifications</code> or <code>FieldSpecifications</code> are present.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.CheckFieldType Method

[ItemSpecificationBuilder Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for making sure that the specified fieldtype and fieldvalue conforms to the restrictions of the type specified by the MultiArchive webservice.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void CheckFieldType(  
    Fieldtypes fieldType,  
    string maFieldType,  
    string fieldValue  
)
```

Visual Basic

```
Public Sub CheckFieldType (  
    fieldType As Fieldtypes,  
    maFieldType As String,  
    fieldValue As String  
)
```

Visual C++

```
public:  
void CheckFieldType(  
    Fieldtypes fieldType,  
    String^ maFieldType,  
    String^ fieldValue  
)
```

Parameters

fieldType

Type: **Fieldtypes**

The fieldtype to be verified. Based on the com.multisupport.wsproxy.fieldtypes enum.

maFieldType

Type: [System.String](#)

The MultiArchive fieldtype to be validated.

fieldValue

Type: [System.String](#)

The value of the fieldtype to be validated.

■ Exceptions

Exception	Condition
System.ArgumentException	Throws an <code>ArgumentException</code> under the following circumstances: <ul style="list-style-type: none">- if the <code>fieldValue</code> is a numeric type but cannot be parsed as an integer.- if the <code>fieldValue</code> is a decimal type but cannot be parsed as a decimal.- when the specified date in <code>fieldValue</code> does not conform to the ISO-8601 date format (yyyy-MM-dd).

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.CheckParameter Method

[ItemSpecificationBuilder Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Method for checking that the parameter specified is not null, empty or an empty list.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

▣ Syntax

C#

```
public void CheckParameter(  
    string parameterName,  
    Object parameterValue  
)
```

Visual Basic

```
Public Sub CheckParameter (  
    parameterName As String,  
    parameterValue As Object  
)
```

Visual C++

```
public:  
void CheckParameter(  
    String^ parameterName,  
    Object^ parameterValue  
)
```

Parameters

parameterName

Type: [System.String](#)

The name of the parameter to check.

parameterValue

Type: [System.Object](#)

The value of the parameter to check.

■ Exceptions

Exception	Condition
<u>System.ArgumentNullException</u>	Throws an <code>ArgumentNullException</code> if the <code>parameterValue</code> is null.
<u>System.ArgumentException</u>	Throws an <code>ArgumentException</code> if the <code>parameterValue</code> is either an empty string or an empty list.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder Properties

[ItemSpecificationBuilder Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [ItemSpecificationBuilder](#) type exposes the following members.

▣ Properties

	Name	Description
	<u>Archive</u>	Property for holding the archive URN.
	<u>ExternalID</u>	Property for holding the external ID.
	<u>ItemType</u>	Property for holding the itemtype URN.

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.Archive Property

[ItemSpecificationBuilder Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Property for holding the archive URN.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string Archive { get; set; }
```

Visual Basic

```
Public Property Archive As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.ExternalID Property

[ItemSpecificationBuilder Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Property for holding the external ID.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string ExternalID { get; set; }
```

Visual Basic

```
Public Property ExternalID As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

ItemSpecificationBuilder.ItemType Property

[ItemSpecificationBuilder Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Property for holding the itemtype URN.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string ItemType { get; set; }
```

Visual Basic

```
Public Property ItemType As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[ItemSpecificationBuilder Class](#)

[ItemSpecificationBuilder Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchiveComponentType Enumeration

[See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"T:MultiArchive.SDK.ServiceUtils.MultiArchiveComponentType"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public enum MultiArchiveComponentType
```

Visual Basic

```
Public Enumeration MultiArchiveComponentType
```

Visual C++

```
public enum class MultiArchiveComponentType
```

Members

	Member name	Value	Description
	folder	0	
	item	1	
	content	2	

☰ **See Also**

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SDKTransportProtocol Enumeration

[See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Enum for the different transport protocols supported by the SDK when communicating with MultiArchive web services.

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

☐ Syntax

C#

```
public enum SDKTransportProtocol
```

Visual Basic

```
Public Enumeration SDKTransportProtocol
```

Visual C++

```
public enum class SDKTransportProtocol
```

Members

	Member name	Value	Description
	Http	0	Http
	Https	1	Https

☰ **See Also**

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper Class

[Members](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"T:MultiArchive.SDK.ServiceUtils.SubComponentWrapper"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

☐ Syntax

C#

```
public class SubComponentWrapper
```

Visual Basic

```
Public Class SubComponentWrapper
```

Visual C++

```
public ref class SubComponentWrapper
```

▣ Inheritance Hierarchy

[System.Object](#)

MultiArchive.SDK.ServiceUtils.SubComponentWrapper

☰ **See Also**

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper Members

[SubComponentWrapper Class](#) [Constructors](#) [Methods](#) [Properties](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [SubComponentWrapper](#) type exposes the following members.

≡ Constructors

	Name	Description
	SubComponentWrapper	Initializes a new instance of the SubComponentWrapper class

☰ Methods

	Name	Description
☰	Equals	(Inherited from Object .)
💡	Finalize	(Inherited from Object .)
☰	GetContentType	
☰	GetFolderDescriptionType	
☰	GetFromFolderDescriptionType	
☰	GetFromItemDescriptionType	
☰	GetHashCode	(Inherited from Object .)
☰	GetItemDescriptionType	
☰	GetType	(Inherited from Object .)
💡	MemberwiseClone	(Inherited from Object .)
☰	ToString	(Inherited from Object .)

▣ Properties

	Name	Description
	<u>componentType</u>	
	<u>Content</u>	
	<u>Date</u>	
	<u>EndPointType</u>	
	<u>Extension</u>	
	<u>itemType</u>	
	<u>Label</u>	
	<u>Length</u>	
	<u>LengthSpecified</u>	
	<u>MimeType</u>	
	<u>Name</u>	
	<u>OriginalName</u>	
	<u>SequenceNumber</u>	
	<u>URN</u>	

☰ **See Also**

[SubComponentWrapper Class](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper Constructor

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

Initializes a new instance of the [SubComponentWrapper](#) class

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public SubComponentWrapper(  
    SubComponent component  
)
```

Visual Basic

```
Public Sub New (  
    component As SubComponent  
)
```

Visual C++

```
public:  
SubComponentWrapper(  
    SubComponent^ component  
)
```

Parameters

component

Type: **SubComponent**

[Missing <param name="component"/> documentation for

"M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.#ctor(MultiA

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper Methods

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [SubComponentWrapper](#) type exposes the following members.

☰ Methods

	Name	Description
☰	Equals	(Inherited from Object .)
💡	Finalize	(Inherited from Object .)
☰	GetContentType	
☰	GetFolderDescriptionType	
☰	GetFromFolderDescriptionType	
☰	GetFromItemDescriptionType	
☰	GetHashCode	(Inherited from Object .)
☰	GetItemDescriptionType	
☰	GetType	(Inherited from Object .)
💡	MemberwiseClone	(Inherited from Object .)
☰	ToString	(Inherited from Object .)

☰ **See Also**

[SubComponentWrapper Class](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.GetContentDescriptionType Method

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

[Missing <summary> documentation for

"M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.GetContentDe:

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public ContentDescriptionType GetContentDescriptionType
```

Visual Basic

```
Public Function GetContentDescriptionType As ContentI
```

Visual C++

```
public:  
ContentDescriptionType^ GetContentDescriptionType()
```

Return Value

Type: **ContentDescriptionType**

[Missing <returns> documentation for

"M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.GetContentI

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.GetFolderDescriptionType Method

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

[Missing <summary> documentation for

"M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.GetFolderDesc

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public FolderDescriptionType GetFolderDescriptionType
```

Visual Basic

```
Public Function GetFolderDescriptionType As FolderDe:
```

Visual C++

```
public:  
FolderDescriptionType^ GetFolderDescriptionType()
```

Return Value

Type: **FolderDescriptionType**

[Missing <returns> documentation for

"M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.GetFolderDe

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.GetFromFolderDescriptionType Method

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.GetFromFolde**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public FolderDescriptionType GetFromFolderDescriptionType(
```

Visual Basic

```
Public Function GetFromFolderDescriptionType As FolderDescriptionType
```

Visual C++

```
public:  
FolderDescriptionType^ GetFromFolderDescriptionType(
```

Return Value

Type: **FolderDescriptionType**

[Missing <returns> documentation for

"M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.GetFromFolderDescriptionType"]

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.GetFromItemDescriptionType Method

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.GetFromItemI**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public ItemDescriptionType GetFromItemDescriptionType
```

Visual Basic

```
Public Function GetFromItemDescriptionType As ItemDe:
```

Visual C++

```
public:  
ItemDescriptionType^ GetFromItemDescriptionType()
```

Return Value

Type: **ItemDescriptionType**

[Missing <returns> documentation for

"M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.GetFromIter

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.GetItemDescriptionType Method

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

[Missing <summary> documentation for

"M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.GetItemDescri

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public ItemDescriptionType GetItemDescriptionType()
```

Visual Basic

```
Public Function GetItemDescriptionType As ItemDescrip
```

Visual C++

```
public:  
ItemDescriptionType^ GetItemDescriptionType()
```

Return Value

Type: **ItemDescriptionType**

[Missing <returns> documentation for

"M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.GetItemDesc

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

SubComponentWrapper Properties

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

The [SubComponentWrapper](#) type exposes the following members.

▣ Properties

	Name	Description
	componentType	
	Content	
	Date	
	EndPointType	
	Extension	
	itemType	
	Label	
	Length	
	LengthSpecified	
	MimeType	
	Name	
	OriginalName	
	SequenceNumber	
	URN	

☰ **See Also**

[SubComponentWrapper Class](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.componentType Property

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.componentType"**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public MultiArchiveComponentType componentType { get
```

Visual Basic

```
Public Property componentType As MultiArchiveComponentType  
    Get  
    Set
```

Visual C++

```
public:  
property MultiArchiveComponentType componentType {  
    MultiArchiveComponentType get ();  
    void set (MultiArchiveComponentType value);  
}
```

Property Value

Type: [MultiArchiveComponentType](#)

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.Content Property

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.Content"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public base64Binary Content { get; set; }
```

Visual Basic

```
Public Property Content As base64Binary  
    Get  
    Set
```

Visual C++

```
public:  
property base64Binary^ Content {  
    base64Binary^ get ();  
    void set (base64Binary^ value);  
}
```

Property Value

Type: **base64Binary**

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.Date Property

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.Date"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public DateTime Date { get; set; }
```

Visual Basic

```
Public Property Date As DateTime  
    Get  
    Set
```

Visual C++

```
public:  
property DateTime Date {  
    DateTime get ();  
    void set (DateTime value);  
}
```

Property Value

Type: [DateTime](#)

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.EndPointType Property

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.EndPointType"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string EndPointType { get; set; }
```

Visual Basic

```
Public Property EndPointType As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.Extension Property

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.Extension"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string Extension { get; set; }
```

Visual Basic

```
Public Property Extension As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.itemType Property

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.itemType"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string itemType { get; set; }
```

Visual Basic

```
Public Property itemType As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.Label Property

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.Label"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string Label { get; set; }
```

Visual Basic

```
Public Property Label As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.Length Property

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.Length"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public Nullable<long> Length { get; set; }
```

Visual Basic

```
Public Property Length As Nullable(Of Long)  
    Get  
    Set
```

Visual C++

```
public:  
property Nullable<long long> Length {  
    Nullable<long long> get ();  
    void set (Nullable<long long> value);  
}
```

Property Value

Type: [Nullable\(Int64\)](#)

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.LengthSpecified Property

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.LengthSpecified"**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public bool LengthSpecified { get; set; }
```

Visual Basic

```
Public Property LengthSpecified As Boolean  
    Get  
    Set
```

Visual C++

```
public:  
property bool LengthSpecified {  
    bool get ();  
    void set (bool value);  
}
```

Property Value

Type: [Boolean](#)

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.MimeType Property

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.MimeType"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string MimeType { get; set; }
```

Visual Basic

```
Public Property MimeType As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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SubComponentWrapper.Name Property

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.Name"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string Name { get; set; }
```

Visual Basic

```
Public Property Name As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

SubComponentWrapper.OriginalName Property

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.OriginalName"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string OriginalName { get; set; }
```

Visual Basic

```
Public Property OriginalName As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

SubComponentWrapper.SequenceNumber Property

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.SequenceNumb**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public int SequenceNumber { get; set; }
```

Visual Basic

```
Public Property SequenceNumber As Integer  
    Get  
    Set
```

Visual C++

```
public:  
property int SequenceNumber {  
    int get ();  
    void set (int value);  
}
```

Property Value

Type: [Int32](#)

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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MultiArchive SDK .NET Documentation

SubComponentWrapper.URN Property

[SubComponentWrapper Class](#) [See Also](#) [Send Feedback](#)

[This is preliminary documentation and is subject to change.]

**[Missing <summary> documentation for
"P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.URN"]**

Namespace: [MultiArchive.SDK.ServiceUtils](#)

Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)

▣ Syntax

C#

```
public string URN { get; set; }
```

Visual Basic

```
Public Property URN As String  
    Get  
    Set
```

Visual C++

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

Property Value

Type: [String](#)

☰ **See Also**

[SubComponentWrapper Class](#)

[SubComponentWrapper Members](#)

[MultiArchive.SDK.ServiceUtils Namespace](#)

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