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

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

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>SdkLogger</td>
<td>Logger for MultiArchive SDK</td>
</tr>
<tr>
<td>SdkLoggerFactory</td>
<td>Factory for creating a reference to a SdkLogger</td>
</tr>
</tbody>
</table>

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SdkLogger Class

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

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public class SdkLogger : MSLogger</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Class SdkLogger Inherits MSLogger</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public ref class SdkLogger : public MSLogger</code></td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SdkLogger</td>
<td>Initializes a new instance of the SdkLogger class</td>
</tr>
</tbody>
</table>
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Debug</strong></td>
<td>(Inherited from <code>MSLogger</code>.)</td>
</tr>
<tr>
<td><strong>DebugException</strong></td>
<td>(Inherited from <code>MSLogger</code>.)</td>
</tr>
<tr>
<td><strong>Equals</strong></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>Error</strong></td>
<td>(Inherited from <code>MSLogger</code>.)</td>
</tr>
<tr>
<td><strong>ErrorException</strong></td>
<td>(Inherited from <code>MSLogger</code>.)</td>
</tr>
<tr>
<td><strong>Fatal</strong></td>
<td>(Inherited from <code>MSLogger</code>.)</td>
</tr>
<tr>
<td><strong>FatalException</strong></td>
<td>(Inherited from <code>MSLogger</code>.)</td>
</tr>
<tr>
<td><strong>Finalize</strong></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>GetLoggerRef</strong></td>
<td>(Inherited from <code>MSLogger</code>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>Info</strong></td>
<td>(Inherited from <code>MSLogger</code>.)</td>
</tr>
<tr>
<td><strong>InfoException</strong></td>
<td>(Inherited from <code>MSLogger</code>.)</td>
</tr>
<tr>
<td><strong>IsEnabled</strong></td>
<td>Method for specifying if logging is enabled. (Overrides <code>MSLoggerIsEnabled</code>.)</td>
</tr>
<tr>
<td><strong>MemberwiseClone</strong></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>Trace</strong></td>
<td>(Inherited from <code>MSLogger</code>.)</td>
</tr>
<tr>
<td><strong>TraceException</strong></td>
<td>(Inherited from <code>MSLogger</code>.)</td>
</tr>
<tr>
<td><strong>Warn</strong></td>
<td>(Inherited from <code>MSLogger</code>.)</td>
</tr>
<tr>
<td><strong>WarnException</strong></td>
<td>(Inherited from <code>MSLogger</code>.)</td>
</tr>
</tbody>
</table>
See Also

SdkLogger Class
MultiArchive.SDK Namespace

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SdkLogger Constructor

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public SdkLogger()</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Sub New</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: SdkLogger()</code></td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Debug</td>
<td>(Inherited from MSLogger.)</td>
</tr>
<tr>
<td>DebugException</td>
<td>(Inherited from MSLogger.)</td>
</tr>
<tr>
<td>Equals</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Error</td>
<td>(Inherited from MSLogger.)</td>
</tr>
<tr>
<td>ErrorException</td>
<td>(Inherited from MSLogger.)</td>
</tr>
<tr>
<td>Fatal</td>
<td>(Inherited from MSLogger.)</td>
</tr>
<tr>
<td>FatalException</td>
<td>(Inherited from MSLogger.)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetLoggerRef</td>
<td>(Inherited from MSLogger.)</td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Info</td>
<td>(Inherited from MSLogger.)</td>
</tr>
<tr>
<td>InfoException</td>
<td>(Inherited from MSLogger.)</td>
</tr>
<tr>
<td>IsEnabled</td>
<td>Method for specifying if logging is enabled.</td>
</tr>
<tr>
<td></td>
<td>(Overrides MSLoggerIsEnabled().)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Trace</td>
<td>(Inherited from MSLogger.)</td>
</tr>
<tr>
<td>TraceException</td>
<td>(Inherited from MSLogger.)</td>
</tr>
<tr>
<td>Warn</td>
<td>(Inherited from MSLogger.)</td>
</tr>
<tr>
<td>WarnException</td>
<td>(Inherited from MSLogger.)</td>
</tr>
</tbody>
</table>
See Also

SdkLogger Class
MultiArchive.SDK Namespace

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© Multi-Support R&D A/S
SdkLogger.IsEnabled Method

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public override bool IsEnabled()</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Overrides Function IsEnabled As Boolean</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: virtual bool IsEnabled() override</code></td>
</tr>
</tbody>
</table>

### Return Value

Type: [Boolean](https://en.wikipedia.org/wiki/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

[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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public class SdkLoggerFactory</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Class SdkLoggerFactory</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public ref class SdkLoggerFactory</code></td>
</tr>
</tbody>
</table>
Inheritance Hierarchy

System.Object
MultiArchive.SDK.SdkLoggerFactory
See Also

SdkLoggerFactory Members
MultiArchive.SDK Namespace

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SdkLoggerFactory Members

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

The `SdkLoggerFactory` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SdkLoggerFactory</td>
<td>Initializes a new instance of the SdkLoggerFactory class</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CreateLogger</td>
<td>Method for creating an instance of a SdkLogger.</td>
</tr>
<tr>
<td>Equals</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from Object.)</td>
</tr>
</tbody>
</table>
See Also

Sdk LoggerFactory Class
MultiArchive.SDK Namespace

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[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

<table>
<thead>
<tr>
<th>Language</th>
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</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public SdkLoggerFactory()</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Sub New</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: SdkLoggerFactory()</code></td>
</tr>
</tbody>
</table>
See Also

SdkLoggerFactory Class
SdkLoggerFactory Members
MultiArchive.SDK Namespace

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SdkLoggerFactory Methods

See Also
Send Feedback

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

The SdkLoggerFactory type exposes the following members.
## Methods

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<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="#" alt="CreateLogger" /></td>
<td>Method for creating an instance of a SdkLogger.</td>
</tr>
<tr>
<td><img src="#" alt="Equals" /></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><img src="#" alt="Finalize" /></td>
<td>(Inherited from <a href="#">Object</a>)</td>
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</tr>
<tr>
<td><img src="#" alt="MemberwiseClone" /></td>
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</tr>
<tr>
<td><img src="#" alt="ToString" /></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
</tbody>
</table>
See Also

SdkLoggerFactory Class
MultiArchive.SDK Namespace

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SdkLoggerFactory.CreateLogger Method

Namespace: MultiArchive.SDK
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
**Syntax**

**C#**

```csharp
public static MSLLogger CreateLogger(
    Type loggerId
)
```

**Visual Basic**

```vbnet
Public Shared Function CreateLogger (    loggerId As Type
) As MSLLogger
```

**Visual C++**

```cpp
public:
static MSLLogger^ 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

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

[Missing <summary> documentation for "N:MultiArchive.Sdk.Configuration"]
### Classes

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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MultiArchiveSdkSettings</td>
<td>Class for holding settings used to create an endpoint to MultiArchive server.</td>
</tr>
</tbody>
</table>

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MultiArchiveSdkSettings Class

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C#</td>
<td>public class MultiArchiveSdkSettings</td>
</tr>
<tr>
<td>Visual Basic</td>
<td>Public Class MultiArchiveSdkSettings</td>
</tr>
<tr>
<td>Visual C++</td>
<td>public ref class MultiArchiveSdkSettings</td>
</tr>
</tbody>
</table>
Inheritance Hierarchy

System.Object
MultiArchive.SDK.Configuration.MultiArchiveSdkSettings
See Also

MultiArchiveSdkSettings Members
MultiArchive.SDK.Configuration Namespace

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MultiArchiveSdkSettings Members

The **MultiArchiveSdkSettings** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>MultiArchiveSdkSettings</td>
<td>Default constructor</td>
</tr>
</tbody>
</table>
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
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<td>(Inherited from Object.)</td>
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<tr>
<td>ToString</td>
<td>(Inherited from Object.)</td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instance</td>
<td>Returns the current instance of the settings.</td>
</tr>
<tr>
<td>loggingEnabled</td>
<td>Boolean value indicating whether or not logging is enabled.</td>
</tr>
</tbody>
</table>
See Also

MultiArchiveSdkSettings Class
MultiArchive.SDK.Configuration Namespace

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MultiArchiveSdkSettings Constructor

[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

<table>
<thead>
<tr>
<th>C#</th>
<th>Visual Basic</th>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>public MultiArchiveSdkSettings()</code></td>
<td><code>Public Sub New</code></td>
<td><code>public: MultiArchiveSdkSettings()</code></td>
</tr>
</tbody>
</table>
See Also

MultiArchiveSdkSettings Class
MultiArchiveSdkSettings Members
MultiArchive.SDK.Configuration Namespace

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MultiArchive SdkSettings Methods

MultiArchiveSdkSettings Class  See Also  Send Feedback

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

The MultiArchiveSdkSettings type exposes the following members.
### Methods

<table>
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<tr>
<th>Name</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><code>Equals</code></td>
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</tr>
<tr>
<td><code>Finalize</code></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td><code>GetHashCode</code></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td><code>GetType</code></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td><code>MemberwiseClone</code></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td><code>ToString</code></td>
<td>(Inherited from Object.)</td>
</tr>
</tbody>
</table>
See Also

MultiArchiveSdkSettings Class
MultiArchive.SDK.Configuration Namespace

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

The `MultiArchiveSdkSettings` type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instance</td>
<td>Returns the current instance of the settings.</td>
</tr>
<tr>
<td>loggingEnabled</td>
<td>Boolean value indicating whether or not logging is enabled.</td>
</tr>
</tbody>
</table>
See Also

MultiArchiveSdkSettings Class
MultiArchive.SDK.Configuration Namespace

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MultiArchiveSdkSettings.Instance Property

[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#**

```csharp
public static MultiArchiveSdkSettings Instance { get; }
```

**Visual Basic**

```vbnet
Public Shared ReadOnly Property Instance As MultiArchiveSdkSettings
Get
```

**Visual C++**

```cpp
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

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public bool loggingEnabled { get; set; }</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Property loggingEnabled As Boolean</code></td>
</tr>
<tr>
<td></td>
<td>Get</td>
</tr>
<tr>
<td></td>
<td>Set</td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: property bool loggingEnabled {</code></td>
</tr>
<tr>
<td></td>
<td>bool get ();</td>
</tr>
<tr>
<td></td>
<td>void set (bool value);</td>
</tr>
<tr>
<td></td>
<td>}</td>
</tr>
</tbody>
</table>

### Property Value

Type: [Boolean](#)
See Also

MultiArchiveSdkSettings Class
MultiArchiveSdkSettings Members
MultiArchive.SDK.Configuration Namespace

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MultiArchive.SDK.Services Namespace

[This is preliminary documentation and is subject to change.]
The namespace `MultiArchive.SDK.Services` includes the service classes used by the integration developer when integrating with MultiArchive through this SDK.
# Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ComponentContentService</td>
<td>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.</td>
</tr>
<tr>
<td>ComponentService</td>
<td>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.</td>
</tr>
<tr>
<td>FieldService</td>
<td></td>
</tr>
<tr>
<td>ItemOperationCompletedEventArgs</td>
<td>Class for</td>
</tr>
<tr>
<td>ItemService</td>
<td>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</td>
</tr>
<tr>
<td>Service</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>LogonService</td>
<td>This is the service class for handling logon request against MultiArchive.</td>
</tr>
<tr>
<td></td>
<td>The usage of this class is to authenticate users on the MultiArchive and create a <code>Credentials</code> object which can be used by all the other services.</td>
</tr>
<tr>
<td>LogonUrlService</td>
<td>This is the service class for handling NTLM logon requests against MultiArchive.</td>
</tr>
<tr>
<td>NtlmLogonService</td>
<td>This is the service class for handling NTLM logon requests against MultiArchive.</td>
</tr>
<tr>
<td></td>
<td>The usage of this class is to authenticate users via NTLM against MultiArchive and create a <code>Credentials</code> object which can be used by all the other services.</td>
</tr>
</tbody>
</table>
## Delegates

<table>
<thead>
<tr>
<th>Delegate</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ItemService, ItemOperationCompletedEventHandler</td>
<td>Delegate for the eventhandler which handles events raised by the eventbased CreateItem.</td>
</tr>
</tbody>
</table>
## Enumerations

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ItemOperationStatus</td>
<td>Public enumeration with statuscode for ItemOperations.</td>
</tr>
</tbody>
</table>

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ComponentContentService Class

[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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td></td>
</tr>
<tr>
<td><code>public class ComponentContentService : IDisposable</code></td>
<td></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td></td>
</tr>
<tr>
<td><code>Public Class ComponentContentService Implements IDisposable</code></td>
<td></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td></td>
</tr>
<tr>
<td><code>public ref class ComponentContentService : IDisposable</code></td>
<td></td>
</tr>
</tbody>
</table>
Inheritance Hierarchy

```csharp
System.Object
MultiArchive.SDK.Services.ComponentContentService
```
See Also

ComponentContentService Members
MultiArchive.SDK.Services Namespace

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ComponentContentService Members

This is preliminary documentation and is subject to change.

The ComponentContentService type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ComponentContentService()</td>
<td>Default constructor.</td>
</tr>
<tr>
<td>ComponentContentService(SDKTransportProtocol, String, Int32)</td>
<td>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.</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dispose()</strong></td>
<td>Public method for closing the connection to the <code>ComponentContentPortTypeClient</code> correctly.</td>
</tr>
<tr>
<td><strong>Dispose(Boolean)</strong></td>
<td>Releases the unmanaged resources used by the <code>ComponentContentService</code> and optionally releases the managed resources.</td>
</tr>
<tr>
<td><strong>Equals</strong></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>Finalize</strong></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>MemberwiseClone</strong></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><strong>RetrieveContent</strong></td>
<td>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:</td>
</tr>
<tr>
<td></td>
<td>The first URN will retrieve the content of ItemMaster 25, compound sequence 1 and implicit the latest version.</td>
</tr>
<tr>
<td></td>
<td>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</td>
</tr>
<tr>
<td></td>
<td>the fifth (5.) version of the document.</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
</tbody>
</table>
See Also

- ComponentContentService Class
- MultiArchive.SDK.Services Namespace

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ComponentContentService Constructor

ComponentContentService Class  See Also  Send Feedback

[This is preliminary documentation and is subject to change.]
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>ComponentContentService()</code></td>
<td>Default constructor.</td>
</tr>
<tr>
<td><code>ComponentContentService(SDKTransportProtocol, String, Int32)</code></td>
<td>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.</td>
</tr>
</tbody>
</table>
See Also

ComponentContentService Class
ComponentContentService Members
MultiArchive.SDK.Services Namespace

Send comments on this topic to support@multi-support.com

© Multi-Support R&D A/S
ComponentContentService Constructor

Default constructor.

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

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public ComponentContentService()</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Sub New</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: ComponentContentService()</code></td>
</tr>
</tbody>
</table>
See Also

ComponentContentService Class
ComponentContentService Members
ComponentContentService Overload
MultiArchive.SDK.Services Namespace

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[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#

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

### Visual Basic

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

### Visual C++

```cpp
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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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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispose</td>
<td>Public method for closing the connection to the <code>ComponentContentPortTypeClient</code> correctly.</td>
</tr>
<tr>
<td>Dispose(Boolean)</td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td>Equals</td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td>RetrieveContent</td>
<td>Method for retrieving the content of an item from MultiArchive.</td>
</tr>
<tr>
<td></td>
<td>The URN used for the method should be constructed in one of the following ways:</td>
</tr>
<tr>
<td></td>
<td>urn:multiarchive:content:A42:25-1</td>
</tr>
<tr>
<td></td>
<td>urn:multiarchive:content:A42:25-1#5</td>
</tr>
<tr>
<td></td>
<td>The first URN will retrieve the content of ItemMaster 25, compound sequence 1 and implicit the latest version.</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
</tbody>
</table>
See Also

ComponentContentService Class
MultiArchive.SDK.Services Namespace

Send comments on this topic to support@multi-support.com

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ComponentContentService.Dispose Method

[This is preliminary documentation and is subject to change.]
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dispose()</strong></td>
<td>Public method for closing the connection to the <code>ComponentContentPortTypeClient</code> correctly.</td>
</tr>
<tr>
<td><strong>Dispose(Boolean)</strong></td>
<td>Releases the unmanaged resources used by the <code>ComponentContentService</code> and optionally releases the managed resources</td>
</tr>
</tbody>
</table>
See Also

ComponentContentService Class
ComponentContentService Members
MultiArchive.SDK.Services Namespace

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ComponentContentService.Dispose Method

[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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public void Dispose()</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Sub Dispose</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: virtual void Dispose() sealed</code></td>
</tr>
</tbody>
</table>

**Implements**

`IDisposable.Dispose()`
See Also

ComponentContentService Class
ComponentContentService Members
Dispose Overload
MultiArchive.SDK.Services Namespace

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ComponentContentService.Dispose Method (Boolean)

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Syntax</th>
</tr>
</thead>
<tbody>
<tr>
<td>C#</td>
<td><code>protected virtual void Dispose( bool disposing )</code></td>
</tr>
<tr>
<td>Visual Basic</td>
<td><code>Protected Overridable Sub Dispose ( disposing As Boolean )</code></td>
</tr>
<tr>
<td>Visual C++</td>
<td><code>protected: virtual void Dispose( bool disposing )</code></td>
</tr>
</tbody>
</table>

### Parameters

*`disposing`*  
Type: [System.Boolean](https://docs.microsoft.com/en-us/dotnet/api/system.bool)  
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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ComponentContentService.RetrieveContent Method

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)

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

**C#**

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

**Visual Basic**

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

**Visual C++**

```cpp
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

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>MultiArchive.SDK.Services.Exceptions.ComponentContentException</td>
<td>Throws ComponentContentException if any errors occur during SOAP communication with the MultiArchive webservice.</td>
</tr>
</tbody>
</table>
See Also

ComponentContentService Class
ComponentContentService Members
MultiArchive.SDK.Services Namespace
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)
<table>
<thead>
<tr>
<th>Syntax</th>
<th>C#</th>
<th>Visual Basic</th>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td>public class</td>
<td><code>ComponentService : IDisposable</code></td>
<td>Public Class <code>ComponentService</code></td>
<td><code>public ref class ComponentService : IDisposable</code></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Implements IDisposable</td>
<td></td>
</tr>
</tbody>
</table>
Inheritance Hierarchy

- System.Object
- MultiArchive.SDK.Services.ComponentService
See Also

ComponentService Members
MultiArchive.SDK.Services Namespace

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ComponentService Members

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

The ComponentService type exposes the following members.
### Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ComponentService()</td>
<td>Default constructor.</td>
</tr>
<tr>
<td>ComponentService(SDKTransportProtocol, String, Int32)</td>
<td>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.</td>
</tr>
</tbody>
</table>
### Methods

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


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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ComponentService Constructor

[This is preliminary documentation and is subject to change.]
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="ComponentService()" /></td>
<td>Default constructor.</td>
</tr>
<tr>
<td><img src="image" alt="ComponentService(SDKTransportProtocol, String, Int32)" /></td>
<td>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.</td>
</tr>
</tbody>
</table>
See Also

ComponentService Class
ComponentService Members
MultiArchive.SDK.Services Namespace

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© Multi-Support R&D A/S
ComponentService Constructor

Default constructor.

Namespace: MultiArchive.SDK.Services
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
<table>
<thead>
<tr>
<th>Syntax</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td></td>
</tr>
<tr>
<td><code>public ComponentService()</code></td>
<td></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td></td>
</tr>
<tr>
<td><code>Public Sub New</code></td>
<td></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td></td>
</tr>
<tr>
<td><code>public: ComponentService()</code></td>
<td></td>
</tr>
</tbody>
</table>
See Also

ComponentService Class
ComponentService Members
ComponentService Overload
MultiArchive.SDK.Services Namespace

Send comments on this topic to support@multi-support.com

© Multi-Support R&D A/S
ComponentService Constructor (SDKTransportProtocol, String, Int32)

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td>`public ComponentService(</td>
</tr>
<tr>
<td></td>
<td>SDKTransportProtocol protocol,</td>
</tr>
<tr>
<td></td>
<td>string serverAddress,</td>
</tr>
<tr>
<td></td>
<td>int port)</td>
</tr>
<tr>
<td></td>
<td>)</td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td>`Public Sub New (</td>
</tr>
<tr>
<td></td>
<td>protocol As SDKTransportProtocol,</td>
</tr>
<tr>
<td></td>
<td>serverAddress As String,</td>
</tr>
<tr>
<td></td>
<td>port As Integer)</td>
</tr>
<tr>
<td></td>
<td>)</td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td>`public:</td>
</tr>
<tr>
<td></td>
<td>ComponentService(</td>
</tr>
<tr>
<td></td>
<td>SDKTransportProtocol protocol,</td>
</tr>
<tr>
<td></td>
<td>String^ serverAddress,</td>
</tr>
<tr>
<td></td>
<td>int port)</td>
</tr>
<tr>
<td></td>
<td>)</td>
</tr>
</tbody>
</table>

### 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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ComponentService Methods

See Also  Send Feedback

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

The ComponentService type exposes the following members.
## Methods

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

ComponentService Class
MultiArchive.SDK.Services Namespace

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[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#

```csharp
public bool CancelCheckOut(
    Credentials credentials,
    Component component
)
```

Visual Basic

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

Visual C++

```cpp
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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ComponentService.CheckIn Method

[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#**

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

**Visual Basic**

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

**Visual C++**

```cpp
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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ComponentService.CheckOut Method

[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#

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

Visual Basic

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

Visual C++

```cpp
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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ComponentService.Dispose Method

ComponentService Class  See Also  Send Feedback

[This is preliminary documentation and is subject to change.]
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispose()</td>
<td>Public method for closing the connection to the ComponentPortTypeClient correctly.</td>
</tr>
<tr>
<td>Dispose(Boolean)</td>
<td>Releases the unmanaged resources used by the ComponentService and optionally releases the managed resources</td>
</tr>
</tbody>
</table>
See Also

ComponentService Class
ComponentService Members
MultiArchive.SDK.Services Namespace

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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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C#</td>
<td><code>public void Dispose()</code></td>
</tr>
<tr>
<td>Visual Basic</td>
<td><code>Public Sub Dispose</code></td>
</tr>
<tr>
<td>Visual C++</td>
<td><code>public: virtual void Dispose() sealed</code></td>
</tr>
</tbody>
</table>

### Implements

[IDisposable.Dispose]()
See Also

ComponentService Class
ComponentService Members
Dispose Overload
MultiArchive.SDK.Services Namespace
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#**

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

**Visual Basic**

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

**Visual C++**

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

### Parameters

**disposing**

Type: [System.Boolean](https://docs.microsoft.com/en-us/dotnet/api/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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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#**

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

**Visual Basic**

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

**Visual C++**

```cpp
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

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>MultiArchive.SDK.Services.Exceptions.ComponentException</td>
<td>Throws a ComponentException if any errors should occur during the SOAP communication with the MultiArchive webservice.</td>
</tr>
</tbody>
</table>
See Also

ComponentService Class
ComponentService Members
MultiArchive.SDK.Services Namespace

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[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

<table>
<thead>
<tr>
<th></th>
<th>C#</th>
<th>Visual Basic</th>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>public class FieldService : IDisposable</td>
<td>Public Class FieldService Implements IDisposable</td>
<td>public ref class FieldService : IDisposable</td>
</tr>
</tbody>
</table>
Inheritance Hierarchy

- **System.Object**
- **MultiArchive.SDK.Services.FieldService**
See Also

FieldService Members
MultiArchive.SDK.Services Namespace

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FieldService Members

See Also

Send Feedback

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

The FieldService type exposes the following members.
### Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FieldService()</td>
<td>Initializes a new instance of the FieldService class</td>
</tr>
<tr>
<td>FieldService(SDKTransportProtocol, String, Int32)</td>
<td>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.</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>Dispose()</code></td>
<td>Public method for closing the connection to the <code>FieldPortTypeClient</code> correctly.</td>
</tr>
<tr>
<td><code>Dispose(Boolean)</code></td>
<td>Releases the unmanaged resources used by the <code>FieldService</code> and optionally releases the managed resources</td>
</tr>
<tr>
<td><code>Equals</code></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><code>Finalize</code></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><code>GetHashCode</code></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><code>GetType</code></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><code>MemberwiseClone</code></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><code>RetrieveFields(Credentials, String)</code></td>
<td>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'</td>
</tr>
<tr>
<td><code>RetrieveFields(Credentials, String, String)</code></td>
<td></td>
</tr>
<tr>
<td><code>ToString</code></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
</tbody>
</table>
See Also

FieldService Class
MultiArchive.SDK.Services Namespace

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[This is preliminary documentation and is subject to change.]
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FieldService()</td>
<td>Initializes a new instance of the FieldService class</td>
</tr>
<tr>
<td>FieldService(SDKTransportProtocol, String, Int32)</td>
<td>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.</td>
</tr>
</tbody>
</table>
See Also

FieldService Class
FieldService Members
MultiArchive.SDK.Services Namespace

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FieldService Constructor

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)
<table>
<thead>
<tr>
<th>Syntax</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
</tr>
<tr>
<td><code>public FieldService()</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
</tr>
<tr>
<td><code>Public Sub New</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
</tr>
<tr>
<td><code>public: FieldService()</code></td>
</tr>
</tbody>
</table>
See Also

FieldService Class
FieldService Members
FieldService Overload
MultiArchive.SDK.Services Namespace

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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

<table>
<thead>
<tr>
<th>C#</th>
</tr>
</thead>
</table>
| public FieldService(  
  SDKTransportProtocol protocol,  
  string serverAddress,  
  int port  
) |

<table>
<thead>
<tr>
<th>Visual Basic</th>
</tr>
</thead>
</table>
| Public Sub New (  
  protocol As SDKTransportProtocol,  
  serverAddress As String,  
  port As Integer  
) |

<table>
<thead>
<tr>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td>public:</td>
</tr>
</tbody>
</table>
| 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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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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Dispose()</td>
<td>Public method for closing the connection to the FieldPortTypeClient correctly.</td>
</tr>
<tr>
<td>Dispose(Boolean)</td>
<td></td>
</tr>
<tr>
<td>Equals</td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td>Finalize</td>
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</tr>
<tr>
<td>RetrieveFields(Credentials, String)</td>
<td>Method for retrieving field definitions for an item component in MultiArchive.</td>
</tr>
<tr>
<td>RetrieveFields(Credentials, String, String)</td>
<td>The URN used for the method should be a valid itemURN constructed like 'urn:multiarchive:item:A42:25'</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
</tbody>
</table>
See Also

FieldService Class
MultiArchive.SDK.Services Namespace

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FieldService.Dispose Method

FieldService Class See Also Send Feedback

[This is preliminary documentation and is subject to change.]
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Dispose] Dispose()</td>
<td>Public method for closing the connection to the FieldPortTypeClient correctly.</td>
</tr>
<tr>
<td>![Dispose] Dispose(Boolean)</td>
<td>Releases the unmanaged resources used by the FieldService and optionally releases the managed resources</td>
</tr>
</tbody>
</table>
See Also

FieldService Class
FieldService Members
MultiArchive.SDK.Services Namespace

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FieldService.Dispose Method

**Namespace:** MultiArchive.SDK.Services

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

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

Public method for closing the connection to the FieldPortTypeClient correctly.
## Syntax

**C#**

```csharp
public void Dispose()
```

**Visual Basic**

```vbnet
Public Sub Dispose
```

**Visual C++**

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

## Implements

`IDisposable.Dispose()`
See Also

FieldService Class
FieldService Members
Dispose Overload
MultiArchive.SDK.Services Namespace

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FieldService.Dispose Method (Boolean)

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#

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

### Visual Basic

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

### Visual C++

```cpp
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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FieldService.RetriveFields Method

FieldService Class  See Also  Send Feedback

[This is preliminary documentation and is subject to change.]
## Overload List

<table>
<thead>
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<tbody>
<tr>
<td>RetrieveFields(Credentials, String)</td>
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</tr>
</tbody>
</table>
See Also

FieldService Class
FieldService Members
MultiArchive.SDK.Services Namespace

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FieldService.RetrieveFields Method (Credentials, String)

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

[Missing <summary> documentation for 

Namespace: MultiArchive.SDK.Services
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
### Syntax

**C#**

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

**Visual Basic**

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

**Visual C++**

```cpp
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[]

See Also

FieldService Class
FieldService Members
RetrieveFields Overload
MultiArchive.SDK.Services Namespace

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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#**

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

**Visual Basic**

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

**Visual C++**

```cpp
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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ItemOperationCompletedEventArgs Class

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

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public class ItemOperationCompletedEventArgs : EventArgs</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Class ItemOperationCompletedEventArgs Inherits EventArgs</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public ref class ItemOperationCompletedEventArgs : public</code></td>
</tr>
</tbody>
</table>
Inheritance Hierarchy

System.Object
System.EventArgs
MultiArchive.SDK.Services.ItemOperationCompletedEventArgs
See Also

ItemOperationCompletedEventArgs Members
MultiArchive.SDK.Services Namespace

Send comments on this topic to support@multi-support.com

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The `ItemOperationCompletedEventArgs` type exposes the following members.
### Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ItemOperationCompletedEventArgs</td>
<td>Initializes a new instance of the ItemOperationCompletedEventArgs class</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Inherited from</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td>(Inherited from Object.)</td>
<td></td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from Object.)</td>
<td></td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from Object.)</td>
<td></td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from Object.)</td>
<td></td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from Object.)</td>
<td></td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from Object.)</td>
<td></td>
</tr>
</tbody>
</table>
### Properties

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

- ItemOperationCompletedEventArgs Class
- MultiArchive.SDK.Services Namespace

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ItemOperationCompletedEventArgs Constructor

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td>public ItemOperationCompletedEventArgs()</td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td>Public Sub New</td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td>public: ItemOperationCompletedEventArgs()</td>
</tr>
</tbody>
</table>
See Also

ItemOperationCompletedEventArgs Class
ItemOperationCompletedEventArgs Members
MultiArchive.SDK.Services Namespace

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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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Inheritance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td>Finalize</td>
<td></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td></td>
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</tr>
<tr>
<td>GetType</td>
<td></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td>ToString</td>
<td></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
</tbody>
</table>
See Also

ItemOperationCompletedEventArgs Class
MultiArchive.SDK.Services Namespace

Send comments on this topic to support@multi-support.com
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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

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

ItemOperationCompletedEventArgs Class
MultiArchive.SDK.Services Namespace

Send comments on this topic to support@multi-support.com

© Multi-Support R&D A/S
ItemOperationCompletedEventArgs.ErrorMessage Property

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)

[This is preliminary documentation and is subject to change.]
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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© Multi-Support R&D A/S
ItemOperationCompletedEventArgs.ErrorReason Property

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C#</td>
<td>public string ErrorReason { get; set; }</td>
</tr>
<tr>
<td>Visual Basic</td>
<td>Public Property ErrorReason As String Get Set</td>
</tr>
<tr>
<td>Visual C++</td>
<td>public: property String^ ErrorReason { String^ get (); void set (String^ value); }</td>
</tr>
</tbody>
</table>
See Also

ItemOperationCompletedEventArgs Class
ItemOperationCompletedEventArgs Members
MultiArchive.SDK.Services Namespace

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ItemOperationCompletedEventArgs.ItemOperationException Property

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#

```csharp
public MultiArchiveSDKException ItemOperationException
```

### Visual Basic

```vbnet
Public Property ItemOperationException As MultiArchiveSDKException
    Get
        MultiArchiveSDKException As MultiArchiveSDKException
    End Get
    Set
        MultiArchiveSDKException = value
    End Set
End Property
```

### Visual C++

```cpp
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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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**

<table>
<thead>
<tr>
<th>C#</th>
<th>Visual Basic</th>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>public ItemOperationStatus Status { get; set; }</code></td>
<td><code>Public Property Status As ItemOperationStatus Get Set</code></td>
<td><code>public: property ItemOperationStatus Status { ItemOperationStatus get (); void set (ItemOperationStatus value); }</code></td>
</tr>
</tbody>
</table>

**Property Value**

Type: `ItemOperationStatus`
See Also

ItemOperationCompletedEventArgs Class
ItemOperationCompletedEventArgs Members
MultiArchive.SDK.Services Namespace

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ItemOperationCompletedEventArgs.Urn Property

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)

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

C#

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

Visual Basic

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

Visual C++

```cpp
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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ItemOperationStatus Enumeration

[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
<table>
<thead>
<tr>
<th>Syntax</th>
<th>C#</th>
<th>Visual Basic</th>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>public enum ItemOperationStatus</td>
<td>Public Enumeration ItemOperationStatus</td>
<td>public enum class ItemOperationStatus</td>
</tr>
</tbody>
</table>
## Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cancelled</td>
<td>0</td>
<td>The operation was cancelled</td>
</tr>
<tr>
<td>Error</td>
<td>1</td>
<td>An error occurred during the operation</td>
</tr>
<tr>
<td>OK</td>
<td>2</td>
<td>The operation went ok</td>
</tr>
</tbody>
</table>
See Also

MultiArchive.SDK.Services Namespace

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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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td></td>
</tr>
<tr>
<td>public class ItemService : IDisposable</td>
<td></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td></td>
</tr>
<tr>
<td>Public Class ItemService Implements IDisposable</td>
<td></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td></td>
</tr>
<tr>
<td>public ref class ItemService : IDisposable</td>
<td></td>
</tr>
</tbody>
</table>
Inheritance Hierarchy

System.Object

MultiArchive.SDK.Services.ItemService
See Also

ItemService Members
MultiArchive.SDK.Services Namespace

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ItemService Members

Send Feedback

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

The ItemService type exposes the following members.
### Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ItemService()</td>
<td>Default constructor.</td>
</tr>
<tr>
<td>ItemService(SDKTransportProtocol, String, Int32)</td>
<td>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.</td>
</tr>
<tr>
<td>ItemService(SDKTransportProtocol, String, Int32, MessageVersion)</td>
<td>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.</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>----------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CreateItem</td>
<td>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.</td>
</tr>
<tr>
<td>CreateItemAsync</td>
<td>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.</td>
</tr>
<tr>
<td>CreateItemEventbased</td>
<td>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.</td>
</tr>
</tbody>
</table>
which should be handled by the client code.

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dispose()</strong></td>
<td>Public method for closing the connection to the ItemPortTypeClient correctly.</td>
</tr>
<tr>
<td><strong>Dispose(Boolean)</strong></td>
<td>Releases the unmanaged resources used by the ItemService and optionally releases the managed resources.</td>
</tr>
<tr>
<td><strong>EndcreateItem</strong></td>
<td>Method for handling the call to MultiArchive web service to end the creation of a new item.</td>
</tr>
<tr>
<td></td>
<td>This method wraps the call to the proxy and is used when the asynchronous call to CreateItem is used.</td>
</tr>
<tr>
<td><strong>Equals</strong></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td><strong>Finalize</strong></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td><strong>MemberwiseClone</strong></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ItemOperationCompletedEvent</td>
<td>Public event to be handled by client code, if the event based CreateItem is used.</td>
</tr>
</tbody>
</table>
See Also

ItemService Class
MultiArchive.SDK.Services Namespace

Send comments on this topic to support@multi-support.com

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ItemService Constructor

[This is preliminary documentation and is subject to change.]
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ItemService()</td>
<td>Default constructor.</td>
</tr>
</tbody>
</table>
| ItemService(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. |
| ItemService(SDKTransportProtocol, String, Int32, MessageVersion) | 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. |
See Also

ItemService Class
ItemService Members
MultiArchive.SDK.Services Namespace

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ItemService Constructor

[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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C#</td>
<td><code>public ItemService()</code></td>
</tr>
<tr>
<td>Visual Basic</td>
<td><code>Public Sub New</code></td>
</tr>
<tr>
<td>Visual C++</td>
<td><code>public: ItemService()</code></td>
</tr>
</tbody>
</table>
See Also

ItemService Class
ItemService Members
ItemService Overload
MultiArchive.SDK.Services Namespace

Send comments on this topic to support@multi-support.com

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ItemService Constructor (SDKTransportProtocol, String, Int32)

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

<table>
<thead>
<tr>
<th>C#</th>
</tr>
</thead>
<tbody>
<tr>
<td>public ItemService(</td>
</tr>
<tr>
<td>SDKTransportProtocol protocol,</td>
</tr>
<tr>
<td>string serverAddress,</td>
</tr>
<tr>
<td>int port</td>
</tr>
<tr>
<td>)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Visual Basic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Sub New (</td>
</tr>
<tr>
<td>protocol As SDKTransportProtocol,</td>
</tr>
<tr>
<td>serverAddress As String,</td>
</tr>
<tr>
<td>port As Integer</td>
</tr>
<tr>
<td>)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td>public:</td>
</tr>
<tr>
<td>ItemService(</td>
</tr>
<tr>
<td>SDKTransportProtocol protocol,</td>
</tr>
<tr>
<td>String^ serverAddress,</td>
</tr>
<tr>
<td>int port</td>
</tr>
<tr>
<td>)</td>
</tr>
</tbody>
</table>

### 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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© Multi-Support R&D A/S
ItemService Constructor (SDKTransportProtocol, String, Int32, MessageVersion)

[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#

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

### Visual Basic

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

### Visual C++

```cpp
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](https://docs.microsoft.com/en-us/dotnet/api/system.int32)
The port to be used for the communication.

*messageVersion*
The message encoding used for the SOAP messaging.
See Also

ItemService Class
ItemService Members
ItemService Overload
MultiArchive.SDK.Services Namespace
The ItemService type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CreateItem</td>
<td>Method for creating a new item in MultiArchive.</td>
</tr>
<tr>
<td></td>
<td>The method makes sure that the ItemSpecification contains both field- and</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>CreateItemAsync</td>
<td>Method for creating a new item in MultiArchive.</td>
</tr>
<tr>
<td></td>
<td>The method makes sure that the ItemSpecification contains both field- and</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>CreateItemEventbased</td>
<td>Method for creating a new item in MultiArchive.</td>
</tr>
<tr>
<td></td>
<td>The method makes sure that the ItemSpecification contains both field- and</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
</tbody>
</table>
which should be handled by the client code.

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispose()</td>
<td>Public method for closing the connection to the <code>ItemPortTypeClient</code> correctly.</td>
</tr>
<tr>
<td>Dispose(Boolean)</td>
<td>Method for handling the call to MultiArchive web service to end the creation of a new item.</td>
</tr>
<tr>
<td>EndcreateItem</td>
<td>This method wraps the call to the proxy and is used when the asynchronous call to CreateItem is used.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Method</th>
<th>Inherited from Object.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from Object.)</td>
</tr>
</tbody>
</table>
See Also

ItemService Class
MultiArchive.SDK.Services Namespace

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[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)
### 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

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>MultiArchive.SDK.Services.Exceptions.LogonException</td>
<td>Throws the Credentials longer will not be valid.</td>
</tr>
<tr>
<td>MultiArchive.SDK.Services.Exceptions.ItemException</td>
<td>Throws either FieldSpecifications or ContentSpecifications are missing or there are any problems with the ItemSpecification to the webservice.</td>
</tr>
<tr>
<td>MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException</td>
<td>Throws MultiArchiveSDKException if an unexpected error occurs.</td>
</tr>
</tbody>
</table>
See Also

ItemService Class
ItemService Members
MultiArchive.SDK.Services Namespace

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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#**

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

**Visual Basic**

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

**Visual C++**

```cpp
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 MultiArchive web service.

**Return Value**
Type: `IAasyncResult`
The returned object from this method is an **IAasyncResult**.
## Exceptions

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>MultiArchive.SDK.Services.Exceptions.LogonException</code></td>
<td>Throws if the Credentials are no longer valid.</td>
</tr>
<tr>
<td><code>MultiArchive.SDK.Services.Exceptions.ItemException</code></td>
<td>Throws if either FieldSpecifications or ContentSpecifications are missing or there are any problems with the ItemSpecification to the webservice.</td>
</tr>
<tr>
<td><code>MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException</code></td>
<td>Throws if an unexpected error occurs.</td>
</tr>
</tbody>
</table>
See Also

- ItemService Class
- ItemService Members
- MultiArchive.SDK.Services Namespace

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ItemService.CreateItemEventbased Method

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

<table>
<thead>
<tr>
<th>C#</th>
<th>Visual Basic</th>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td>public void CreateItemEventbased( Credentials credentials, ItemSpecification itemSpecification )</td>
<td>Public Sub CreateItemEventbased ( credentials As Credentials, itemSpecification As ItemSpecification )</td>
<td>public: void CreateItemEventbased( Credentials^ credentials, ItemSpecification^ itemSpecification )</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>MultiArchive.SDK.Services.Exceptions.ItemException</td>
<td>Throws an ItemException if either FieldSpecifications or ContentSpecifications are missing.</td>
</tr>
</tbody>
</table>
See Also

ItemService Class
ItemService Members
MultiArchive.SDK.Services Namespace

Send comments on this topic to support@multi-support.com
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ItemService.Dispose Method

ItemService Class  See Also  Send Feedback

[This is preliminary documentation and is subject to change.]
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dispose()</strong></td>
<td>Public method for closing the connection to the ItemPortTypeClient correctly.</td>
</tr>
<tr>
<td><strong>Dispose(Boolean)</strong></td>
<td>Releases the unmanaged resources used by the ItemService and optionally releases the managed resources</td>
</tr>
</tbody>
</table>
See Also

ItemService Class
ItemService Members
MultiArchive.SDK.Services Namespace

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ItemService.Dispose Method

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

(This is preliminary documentation and is subject to change.)
### Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C#</td>
<td><code>public void Dispose()</code></td>
</tr>
<tr>
<td>Visual Basic</td>
<td><code>Public Sub Dispose</code></td>
</tr>
<tr>
<td>Visual C++</td>
<td><code>public: virtual void Dispose() sealed</code></td>
</tr>
</tbody>
</table>

**Implements**

`IDisposable.Dispose()`
See Also

ItemService Class
ItemService Members
Dispose Overload
MultiArchive.SDK.Services Namespace

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© Multi-Support R&D A/S
ItemService.Dispose Method (Boolean)

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

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

Releases the unmanaged resources used by the ItemService and optionally releases the managed resources
### Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td></td>
</tr>
</tbody>
</table>
|          | `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](https://docs.microsoft.com/en-us/dotnet/api/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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ItemService.EndCreateItem Method

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#**

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

**Visual Basic**

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

**Visual C++**

```cpp
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

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>MultiArchive.SDK.Services.Exceptions.ItemException</td>
<td>Throws error occurs during the handling of the End createItem-call in MultiArchive web service.</td>
</tr>
<tr>
<td>MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException</td>
<td>Throws Multi error if an unexpected error occurs.</td>
</tr>
</tbody>
</table>
See Also

- ItemService Class
- ItemService Members
- MultiArchive.SDK.Services Namespace

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ItemService Events

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

The ItemService type exposes the following members.
### Events

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ItemOperationCompletedEvent</td>
<td>Public event to be handled by client code, if the event based CreateItem is used.</td>
</tr>
</tbody>
</table>
See Also

ItemService Class
MultiArchive.SDK.Services Namespace

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

Public event to be handled by client code, if the event-based 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#

```csharp
public event ItemService.ItemOperationCompletedEventHandler
```

Visual Basic

```vbs
Public Event ItemOperationCompletedEvent As ItemService.
```

Visual C++

```cpp
public:
    event ItemService.ItemOperationCompletedEventHandler
    void add (ItemService.ItemOperationCompletedEventHandler);
    void remove (ItemService.ItemOperationCompletedEventHandler);
```  

Value

Type:

```csharp
MultiArchive.SDK.Services.ItemService.ItemOperationCompletedEventHandler
```
See Also

ItemService Class
ItemService Members
MultiArchive.SDK.Services Namespace

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Delegate for the event handler which handles events raised by the event-based CreateItem.

**Namespace:** MultiArchive.SDK.Services

**Assembly:** MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
# Syntax

<table>
<thead>
<tr>
<th>C#</th>
</tr>
</thead>
<tbody>
<tr>
<td>`public delegate void ItemOperationCompletedEventHandler(</td>
</tr>
<tr>
<td>Object sender,</td>
</tr>
<tr>
<td>ItemOperationCompletedEventArgs itemOperationCompletedEventArgs)</td>
</tr>
<tr>
<td>)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Visual Basic</th>
</tr>
</thead>
<tbody>
<tr>
<td>`Public Delegate Sub ItemOperationCompletedEventHandler(</td>
</tr>
<tr>
<td>sender As Object,</td>
</tr>
<tr>
<td>ItemOperationCompletedEventArgs As ItemOperationCompletedEventArgs)</td>
</tr>
<tr>
<td>)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td>`public delegate void ItemOperationCompletedEventHandler(</td>
</tr>
<tr>
<td>Object^ sender,</td>
</tr>
<tr>
<td>ItemOperationCompletedEventArgs^ itemOperationCompletedEventArgs)</td>
</tr>
<tr>
<td>)</td>
</tr>
</tbody>
</table>

**Parameters**

- **sender**
  - Type: System.Object

- **itemOperationCompletedEventArgs**
  - Type: MultiArchive.SDK.Services.ItemOperationCompletedEventArgs
See Also

MultiArchive.SDK.Services Namespace

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LogonService Class

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)
**C#**

```csharp
public class LogonService : IDisposable
```

**Visual Basic**

```vbnet
Public Class LogonService
    Implements IDisposable
```

**Visual C++**

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

The `LogonService` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LogonService()</td>
<td>Default constructor.</td>
</tr>
<tr>
<td>LogonService(SDKTransportProtocol, String, Int32)</td>
<td>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.</td>
</tr>
</tbody>
</table>
## Methods

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

LogonService Class
MultiArchive.SDK.Services Namespace

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LogonService Constructor

See Also
Send Feedback

[This is preliminary documentation and is subject to change.]
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LogonService()</td>
<td>Default constructor.</td>
</tr>
<tr>
<td>LogonService(SDKTransportProtocol, String, Int32)</td>
<td>Constructor to use, if there for some reason is no App.config present in the application. The <strong>serverAddress</strong> can be either an IPv4, IPv6 or a domain address.</td>
</tr>
</tbody>
</table>
See Also

LogonService Class
LogonService Members
MultiArchive.SDK.Services Namespace

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© Multi-Support R&D A/S
LogonService Constructor

Default constructor.

Namespace: MultiArchive.SDK.Services
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
<table>
<thead>
<tr>
<th>Syntax</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>C#</td>
<td></td>
</tr>
<tr>
<td>public LogonService()</td>
<td></td>
</tr>
<tr>
<td>Visual Basic</td>
<td></td>
</tr>
<tr>
<td>Public Sub New</td>
<td></td>
</tr>
<tr>
<td>Visual C++</td>
<td></td>
</tr>
<tr>
<td>public: LogonService()</td>
<td></td>
</tr>
</tbody>
</table>
See Also

LogonService Class
LogonService Members
LogonService Overload
MultiArchive.SDK.Services Namespace

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LogonService Constructor (SDKTransportProtocol, String, Int32)

[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

<table>
<thead>
<tr>
<th>C#</th>
<th>Visual Basic</th>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td>public LogonService(</td>
<td>Public Sub New (</td>
<td>public: LogonService(</td>
</tr>
<tr>
<td>SDKTransportProtocol protocol,</td>
<td>protocol As SDKTransportProtocol,</td>
<td>SDKTransportProtocol protocol,</td>
</tr>
<tr>
<td>string serverAddress,</td>
<td>serverAddress As String,</td>
<td>String^ serverAddress,</td>
</tr>
<tr>
<td>int port</td>
<td>port As Integer</td>
<td>int port</td>
</tr>
<tr>
<td>)</td>
<td></td>
<td>)</td>
</tr>
</tbody>
</table>

### 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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The LogonService type exposes the following members.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Authenticate</td>
<td>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.</td>
</tr>
<tr>
<td>Dispose()</td>
<td>Public method for closing the connection to the ItemPortTypeClient correctly.</td>
</tr>
<tr>
<td>Dispose(Boolean)</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Equals</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from Object.)</td>
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<tr>
<td>MemberwiseClone</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from Object.)</td>
</tr>
</tbody>
</table>
See Also

LogonService Class
MultiArchive.SDK.Services Namespace

Send comments on this topic to support@multi-support.com

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LogonService.Authenticate Method

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#

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

Visual Basic

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

Visual C++

```cpp
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

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>MultiArchive.SDK.Services.Exceptions.LogonException</code></td>
<td>Throws a <code>LogonException</code> if the specified username and password is not authenticated.</td>
</tr>
</tbody>
</table>
See Also

LogonService Class
LogonService Members
MultiArchive.SDK.Services Namespace

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LogonService.Dispose Method

See Also
Send Feedback

[This is preliminary documentation and is subject to change.]
### Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispose()</td>
<td>Public method for closing the connection to the <code>ItemPortTypeClient</code> correctly.</td>
</tr>
<tr>
<td>Dispose(Boolean)</td>
<td>Releases the unmanaged resources used by the <code>LogonService</code> and optionally releases the managed resources</td>
</tr>
</tbody>
</table>
See Also

LogonService Class
LogonService Members
MultiArchive.SDK.Services Namespace

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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#

```csharp
public void Dispose()
```

### Visual Basic

```vbnet
Public Sub Dispose
```

### Visual C++

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

**Implements**

`IDisposable.Dispose()`
See Also

LogonService Class
LogonService Members
Dispose Overload
MultiArchive.SDK.Services Namespace

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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

<table>
<thead>
<tr>
<th>C#</th>
<th>Visual Basic</th>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td>`protected virtual void Dispose(</td>
<td>`Protected Overridable Sub Dispose (</td>
<td>`protected: virtual void Dispose(</td>
</tr>
<tr>
<td>bool disposing)</td>
<td>disposing As Boolean)</td>
<td>disposing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>)</td>
</tr>
</tbody>
</table>

#### 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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LogonUrlService Class

[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)
<table>
<thead>
<tr>
<th>Syntax</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td>public class LogonUrlService</td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td>Public Class LogonUrlService</td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td>public ref class LogonUrlService</td>
</tr>
</tbody>
</table>
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

The LogonUrlService type exposes the following members.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LogonUrlService()</td>
<td>Default constructor</td>
</tr>
<tr>
<td>LogonUrlService(SDKTransportProtocol, String, Int32)</td>
<td>Initializes a new instance of the LogonUrlService class</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Authenticate</td>
<td></td>
</tr>
<tr>
<td>Equals</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from Object.)</td>
</tr>
</tbody>
</table>
See Also

LogonUrlService Class
MultiArchive.SDK.Services Namespace

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<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LogonUrlService()</td>
<td>Default constructor</td>
</tr>
<tr>
<td>LogonUrlService(SDKTransportProtocol, String, Int32)</td>
<td>Initializes a new instance of the LogonUrlService class</td>
</tr>
</tbody>
</table>
See Also

LogonUrlService Class
LogonUrlService Members
MultiArchive.SDK.Services Namespace

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LogonUrlService Constructor

Default constructor

Namespace: MultiArchive.SDK.Services
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
### Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public LogonUrlService()</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Sub New</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: LogonUrlService()</code></td>
</tr>
</tbody>
</table>
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#**

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

**Visual Basic**

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

**Visual C++**

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

### Parameters

**protocol**  
Type: [MultiArchive.SDK.ServiceUtils.SDKTransportProtocol](#)  
[Missing <param name="protocol"/> documentation for](#)

**serverAddress**  
Type: [System.String](#)  
[Missing <param name="serverAddress"/> documentation for](#)
"M:MultiArchive.SDK.Services.LogonUrlService.#ctor(MultiArchive.SDK.

port
Type: System.Int32
[Missing <param name="port"/> documentation for
"M:MultiArchive.SDK.Services.LogonUrlService.#ctor(MultiArchive.SDK.


See Also

LogonUrlService Class
LogonUrlService Members
LogonUrlService Overload
MultiArchive.SDK.Services Namespace

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LogonUrlService Methods

See Also Send Feedback

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

The LogonUrlService type exposes the following members.
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Authenticate</td>
<td></td>
</tr>
<tr>
<td>Equals</td>
<td>(Inherited from <strong>Object</strong>)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from <strong>Object</strong>)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from <strong>Object</strong>)</td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from <strong>Object</strong>)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from <strong>Object</strong>)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from <strong>Object</strong>)</td>
</tr>
</tbody>
</table>
See Also

LogonUrlService Class
MultiArchive.SDK.Services Namespace

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MultiArchive SDK .NET Documentation

LogonUrlService.Authenticate Method

LogonUrlService Class  See Also  Send Feedback

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


Namespace: MultiArchive.SDK.Services
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
### Syntax

**C#**

```csharp
public Credentials Authenticate()
```

**Visual Basic**

```vbnet
Public Function Authenticate As Credentials
```

**Visual C++**

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

### Return Value

Type: **Credentials**

See Also

LogonUrlService Class
LogonUrlService Members
MultiArchive.SDK.Services Namespace

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NtlmLogonService Class

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td>public class NtlmLogonService : IDisposable</td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td>Public Class NtlmLogonService Implements IDisposable</td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td>public ref class NtlmLogonService : IDisposable</td>
</tr>
</tbody>
</table>
Inheritance Hierarchy

System.Object

MultiArchive.SDK.Services.NtlmLogonService
See Also

NtlmLogonService Members

MultiArchive.SDK.Services Namespace

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NtlmLogonService Members

The **NtlmLogonService** type exposes the following members.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NtlmLogonService()</td>
<td>Default constructor.</td>
</tr>
<tr>
<td>NtlmLogonService(SDKTransportProtocol, String, Int32)</td>
<td>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.</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Authenticate</td>
<td>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.</td>
</tr>
<tr>
<td>Dispose()</td>
<td>Public method for closing the connection to the ItemPortTypeClient correctly.</td>
</tr>
<tr>
<td>Dispose(Boolean)</td>
<td>Releases the unmanaged resources used by the NtlmLogonService and optionally releases the managed resources</td>
</tr>
<tr>
<td>Equals</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from Object.)</td>
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<tr>
<td>GetType</td>
<td>(Inherited from Object.)</td>
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<tr>
<td>MemberwiseClone</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from Object.)</td>
</tr>
</tbody>
</table>
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

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

- NtlmLogonService Class
- NtlmLogonService Members
- MultiArchive.SDK.Services Namespace

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[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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public NtlmLogonService()</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Sub New</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: NtlmLogonService()</code></td>
</tr>
</tbody>
</table>
See Also

NtlmLogonService Class
NtlmLogonService Members
NtlmLogonService Overload
MultiArchive.SDK.Services Namespace

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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#

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

### Visual Basic

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

### Visual C++

```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

NtelmLogonService Class
NtelmLogonService Members
NtelmLogonService Overload
MultiArchive.SDK.Services Namespace

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NtlmLogonService Methods

See Also Send Feedback

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

The NtlmLogonService type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
</table>
| **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)** | (Inherited from `Object`.)                                                                                                                  |
| **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.Authenticate Method

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#

```csharp
public Credentials Authenticate()
```

Visual Basic

```vbnet
Public Function Authenticate As Credentials
```

Visual C++

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

Return Value

Type: Credentials

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

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>MultiArchive.SDK.Services.Exceptions.LogonException</code></td>
<td>Throws a <code>LogonException</code> if the specified username and password is not authenticated.</td>
</tr>
</tbody>
</table>
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

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public void Dispose()</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Sub Dispose</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: virtual void Dispose() sealed</code></td>
</tr>
</tbody>
</table>

### 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#**

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

**Visual Basic**

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

**Visual C++**

```cpp
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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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

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ComponentContentException</td>
<td>Class for handling ComponentContent exceptions thrown when working with the MultiArchive webservice.</td>
</tr>
<tr>
<td>ComponentException</td>
<td>Class for handling Component exceptions thrown when working with the MultiArchive webservice.</td>
</tr>
<tr>
<td>FieldException</td>
<td>Class for handling Field exceptions thrown when working with the MultiArchive webservice.</td>
</tr>
<tr>
<td>ItemException</td>
<td>Class for handling Item exceptions thrown when working with the MultiArchive webservice.</td>
</tr>
<tr>
<td>LogonException</td>
<td>Class for handling Logon exceptions when connecting to the MultiArchive webservice.</td>
</tr>
<tr>
<td>MultiArchiveSDKException</td>
<td>Parent class for all exceptions in the MultiArchive SDK for .NET</td>
</tr>
<tr>
<td>NtlmLogonException</td>
<td>Class for handling NTLM Logon exceptions when connecting to the MultiArchive webservice.</td>
</tr>
</tbody>
</table>

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ComponentContentPaneException Class

Class for handling ComponentContentPane 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#

```csharp
[SerializableAttribute]
public class ComponentContentException : MultiArchiveSDKException
```

#### Visual Basic

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

#### Visual C++

```cpp
[SerializableAttribute]
pubic ref class ComponentContentException : public MultiArchiveSDKException
```
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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[This is preliminary documentation and is subject to change.]

The ComponentContentException type exposes the following members.
## Constructors

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<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ComponentContentException()</td>
<td>Default constructor</td>
</tr>
<tr>
<td>ComponentContentException(SerializationInfo, StreamingContext)</td>
<td>Initializes a new instance of the ComponentContentException class</td>
</tr>
<tr>
<td>ComponentContentException(String, String, Exception)</td>
<td>Constructor handling a ComponentContentException from the MultiArchive webservice. This exception is thrown when an attempt to get some ComponentContent from MultiArchive fails.</td>
</tr>
</tbody>
</table>
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td>GetBaseException</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td>GetObjectData</td>
<td>A method called when serializing a Singleton.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">MultiArchiveSDKException</a>)</td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from <a href="#">Object</a>)</td>
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<tr>
<td>ToString</td>
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</table>
## Properties

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<tbody>
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<td><strong>Data</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>HelpLink</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>HResult</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>InnerException</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>Reason</strong></td>
<td>Property for holding the Reason thrown by the MultiArchive webservice.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">MultiArchiveSDKException</a>)</td>
</tr>
<tr>
<td><strong>Source</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>StackTrace</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>TargetSite</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
</tbody>
</table>
See Also

ComponentContentException Class
MultiArchive.SDK.Services.Exceptions Namespace

Send comments on this topic to support@multi-support.com

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ComponentContentException Constructor

ComponentContentException Class See Also Send Feedback

[This is preliminary documentation and is subject to change.]
# Overload List

<table>
<thead>
<tr>
<th>Name</th>
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<td>Constructor handling a <code>ComponentContentException</code> from the MultiArchive webservice. This exception is thrown when an attempt to get so ComponentContent from MultiArchive fails.</td>
</tr>
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See Also

ComponentContentException Class
ComponentContentException Members
MultiArchive.SDK.Services.Exceptions Namespace

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ComponentContentException Constructor

[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#

```csharp
public ComponentContentException()
```

### Visual Basic

```vbnet
Public Sub New
```

### Visual C++

```cpp
public:
ComponentContentException()
```
See Also

ComponentContentException Class
ComponentContentException Members
ComponentContentException Overload
MultiArchive.SDK.Services.Exceptions Namespace

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ComponentContentException Constructor (SerializationInfo, StreamingContext)

[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#**

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

**Visual Basic**

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

**Visual C++**

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

### Parameters

**info**
Type: `System.Runtime.Serialization.SerializationInfo`


**context**
Type: `System.Runtime.Serialization.StreamingContext`

See Also

ComponentContentException Class
ComponentContentException Members
ComponentContentException Overload
MultiArchive.SDK.Services.Exceptions Namespace

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ComponentContentException Constructor (String, String, Exception)

[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#

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

### Visual Basic

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

### Visual C++

```cpp
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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ComponentContentException Methods

See Also  Send Feedback

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

The ComponentContentException type exposes the following members.
## Methods

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<tr>
<td>Equals</td>
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</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from <a href="#">Object</a>)</td>
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<td>GetBaseException</td>
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<td>GetHashCode</td>
<td>(Inherited from <a href="#">Object</a>)</td>
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<tr>
<td>GetObjectData</td>
<td>A method called when serializing a Singleton.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">MultiArchiveSDKException</a>)</td>
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<tr>
<td>GetType</td>
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</table>
See Also

ComponentContentException Class
MultiArchive.SDK.Services.Exceptions Namespace

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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

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td><strong>Data</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>HelpLink</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>HRESULT</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>InnerException</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>Reason</strong></td>
<td>Property for holding the Reason thrown by the MultiArchive webservice.</td>
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<td></td>
<td>(Inherited from <a href="#">MultiArchiveSDKException</a>)</td>
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See Also

ComponentContentException Class
MultiArchive.SDK.Services.Exceptions Namespace

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ComponentException Class

[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#

```csharp
[SerializableAttribute]
public class ComponentException : MultiArchiveSDKException
```

### Visual Basic

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

### Visual C++

```cpp
[SerializableAttribute]
public ref class ComponentException : public MultiArchiveSDKException
```
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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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.
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<tr>
<td><code>ComponentException(SerializationInfo, StreamingContext)</code></td>
<td>Initializes a new instance of the <code>ComponentException</code> class</td>
</tr>
<tr>
<td><code>ComponentException(String, String, Exception)</code></td>
<td>Constructor handling a <code>ComponentException</code> from the MultiArchive webservice. This exception is thrown when an attempt to get at <code>Component</code> from MultiArchive fails.</td>
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### Methods

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<td><code>GetBaseException</code></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
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<tr>
<td><code>GetHashCode</code></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><code>GetObjectData</code></td>
<td>A method called when serializing a Singleton. (Inherited from <a href="#">MultiArchiveSDKException</a>)</td>
</tr>
<tr>
<td><code>GetType</code></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><code>MemberwiseClone</code></td>
<td>(Inherited from <a href="#">Object</a>)</td>
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<tr>
<td><code>ToString</code></td>
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<td>HelpLink</td>
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<td>HResult</td>
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<tr>
<td>InnerException</td>
<td>(Inherited from <a href="#">Exception</a>).</td>
</tr>
<tr>
<td>Message</td>
<td>(Inherited from <a href="#">Exception</a>).</td>
</tr>
<tr>
<td>Reason</td>
<td>Property for holding the Reason thrown by the MultiArchive webservice.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">MultiArchiveSDKException</a>).</td>
</tr>
<tr>
<td>Source</td>
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</tr>
<tr>
<td>StackTrace</td>
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<tr>
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</table>
See Also

ComponentException Class
MultiArchive.SDK.Services.Exceptions Namespace

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ComponentException Constructor

[This is preliminary documentation and is subject to change.]
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<tr>
<td><code>ComponentException(SerializationInfo, StreamingContext)</code></td>
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<tr>
<td><code>ComponentException(String, String, Exception)</code></td>
<td>Constructor handling a ComponentException from the MultiArchive webservice. This exception is thrown when an attempt to get at Component from MultiArchive fails.</td>
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ComponentException Members
MultiArchive.SDK.Services.Exceptions Namespace

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ComponentException Constructor

Default constructor

Namespace: MultiArchive.SDK.Services.Exceptions
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
### Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td>public ComponentException()</td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td>Public Sub New</td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td>public: ComponentException()</td>
</tr>
</tbody>
</table>
See Also

ComponentException Class
ComponentException Members
ComponentException Overload
MultiArchive.SDK.Services.Exceptions Namespace

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ComponentException Constructor (SerializationInfo, StreamingContext)

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
</table>
| **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`

- **context**
  - Type: `System.Runtime.Serialization.StreamingContext`
See Also

ComponentException Class
ComponentException Members
ComponentException Overload
MultiArchive.SDK.Services.Exceptions Namespace

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ComponentException Constructor (String, String, Exception)

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#**

```csharp
public ComponentException(
    string message,
    string reason,
    Exception innerException
)
```

**Visual Basic**

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

**Visual C++**

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

The `ComponentException` type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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<tr>
<td>Finalize</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetBaseException</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetObjectData</td>
<td>A method called when serializing a Singleton. (Inherited from MultiArchiveSDKException.)</td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>ToString</td>
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See Also

ComponentException Class
MultiArchive.SDK.Services.Exceptions Namespace

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ComponentException Properties

See Also  Send Feedback

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

The ComponentException type exposes the following members.
### Properties

<table>
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<tr>
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</tr>
<tr>
<td>Message</td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td>Reason</td>
<td>Property for holding the Reason thrown by the MultiArchive webservice.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">MultiArchiveSDKException</a>.)</td>
</tr>
<tr>
<td>Source</td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
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<tr>
<td>StackTrace</td>
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<tr>
<td>TargetSite</td>
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</tr>
</tbody>
</table>
See Also

ComponentException Class
MultiArchive.SDK.Services.Exceptions Namespace

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FieldException Class

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#

```csharp
[SerializableAttribute]
public class FieldException : MultiArchiveSDKException
```

#### Visual Basic

```vbnet
<SerializableAttribute>
Public Class FieldException
    Inherits MultiArchiveSDKException
```

#### Visual C++

```cpp
[SerializableAttribute]
public ref class FieldException : public MultiArchiveSDKException
```
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

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<th>Description</th>
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</thead>
<tbody>
<tr>
<td>FieldException()</td>
<td>Default constructor</td>
</tr>
<tr>
<td>FieldException(SerializationInfo,</td>
<td>Initializes a new instance of the FieldException class</td>
</tr>
<tr>
<td>StreamingContext)</td>
<td></td>
</tr>
<tr>
<td>FieldException(String, String, Exception)</td>
<td>Constructor handling a FieldException from the MultiArchive webservice.</td>
</tr>
<tr>
<td></td>
<td>This exception is thrown when an attempt to get fields from a Component from MultiArchive fails.</td>
</tr>
</tbody>
</table>
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
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<td>Equals</td>
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<td>(Inherited from <code>[Object](#)</code>)</td>
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<td>GetBaseException</td>
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<td>GetType</td>
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<tr>
<td>MemberwiseClone</td>
<td>(Inherited from <code>[Object](#)</code>)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from <code>[Exception](#)</code>)</td>
</tr>
<tr>
<td>GetObjectData</td>
<td>A method called when serializing a Singleton. (Inherited from <code>[MultiArchiveSDKException](#)</code>)</td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Data</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td><strong>HelpLink</strong></td>
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<tr>
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</tr>
<tr>
<td><strong>Reason</strong></td>
<td>Property for holding the Reason thrown by the MultiArchive webservice.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">MultiArchiveSDKException</a>.)</td>
</tr>
<tr>
<td><strong>Source</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td><strong>StackTrace</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td><strong>TargetSite</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
</tbody>
</table>
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.]
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FieldException()</td>
<td>Default constructor</td>
</tr>
<tr>
<td>FieldException(SerializationInfo, StreamingContext)</td>
<td>Initializes a new instance of the FieldException class</td>
</tr>
<tr>
<td>FieldException(String, String, Exception)</td>
<td>Constructor handling a FieldException from the MultiArchive webservice.</td>
</tr>
<tr>
<td></td>
<td>This exception is thrown when an attempt to get fields from a Component from MultiArchive fails.</td>
</tr>
</tbody>
</table>
See Also

FieldException Class
FieldException Members
MultiArchive.SDK.Services.Exceptions Namespace

Send comments on this topic to support@multi-support.com

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FieldException Constructor

Namespace: MultiArchive.SDK.Services.Exceptions
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
<table>
<thead>
<tr>
<th>Syntax</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td></td>
</tr>
<tr>
<td><code>public FieldException()</code></td>
<td></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td></td>
</tr>
<tr>
<td><code>Public Sub New</code></td>
<td></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td></td>
</tr>
<tr>
<td><code>public: FieldException()</code></td>
<td></td>
</tr>
</tbody>
</table>
See Also

FieldException Class
FieldException Members
FieldException Overload
MultiArchive.SDK.Services.Exceptions Namespace

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FieldException Constructor (SerializationInfo, StreamingContext)

Namespace: MultiArchive.SDK.Services.Exceptions
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

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

Initializes a new instance of the FieldException class
### Syntax

**C#**

```csharp
protected FieldException(
    SerializationInfo info,
    StreamingContext context
)
```

**Visual Basic**

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

**Visual C++**

```cpp
protected:
FieldException(
    SerializationInfo^ info,
    StreamingContext context
)
```

### Parameters

*info*
- Type: `System.Runtime.Serialization.SerializationInfo`

*context*
- Type: `System.Runtime.Serialization.StreamingContext`

```
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
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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td>GetBaseException</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td>ToString</td>
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</tr>
<tr>
<td>GetObjectData</td>
<td>A method called when serializing a Singleton. (Inherited from <a href="#">MultiArchiveSDKException</a>)</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>HelpLink</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>HResult</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>InnerException</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>Message</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>Reason</td>
<td>Property for holding the Reason thrown by the MultiArchive webservice.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from MultiArchiveSDKException.)</td>
</tr>
<tr>
<td>Source</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>StackTrace</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>TargetSite</td>
<td>(Inherited from Exception.)</td>
</tr>
</tbody>
</table>
See Also

FieldException Class
MultiArchive.SDK.Services.Exceptions Namespace

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ItemException Class

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#**

```csharp
[SerializableAttribute]
public class ItemException : MultiArchiveSDKException
```

**Visual Basic**

```vbnet
<SerializableAttribute>
Public Class ItemException
    Inherits MultiArchiveSDKException
```

**Visual C++**

```cpp
[SerializableAttribute]
public ref class ItemException : public MultiArchiveSDKException
```
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

The ItemException type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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<tbody>
<tr>
<td><code>ItemException()</code></td>
<td>Default constructor</td>
</tr>
<tr>
<td><code>ItemException(SerializationInfo, StreamingContext)</code></td>
<td>Initializes a new instance of the <code>ItemException</code> class</td>
</tr>
<tr>
<td><code>ItemException(String, String)</code></td>
<td>Constructor handling an <code>ItemException</code>.</td>
</tr>
<tr>
<td></td>
<td>This exception is thrown when the SDK encounters errors during the building of an <code>ItemSpecification</code> and a <code>CreateItem</code> request.</td>
</tr>
<tr>
<td><code>ItemException(String, String, Exception)</code></td>
<td>Constructor handling an <code>ItemException</code> from the <code>MultiArchive</code> webservice.</td>
</tr>
<tr>
<td></td>
<td>This exception is thrown when an attempt to create an item in <code>MultiArchive</code> fails.</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>Equals</code></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><code>Finalize</code></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><code>GetBaseException</code></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><code>GetHashCode</code></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
</tbody>
</table>
| `GetObjectData`     | A method called when serializing a Singleton.  
                       |  (Inherited from [MultiArchiveSDKException](#))                            |
| `GetType`           | (Inherited from [Exception](#))                                            |
| `MemberwiseClone`   | (Inherited from [Object](#))                                               |
| `ToString`          | (Inherited from [Exception](#))                                            |
### Properties

<table>
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<th>Name</th>
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<tbody>
<tr>
<td><strong>Data</strong></td>
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</tr>
<tr>
<td><strong>HelpLink</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>HResult</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>InnerException</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>Reason</strong></td>
<td>Property for holding the Reason thrown by the MultiArchive webservice.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">MultiArchiveSDKException</a>)</td>
</tr>
<tr>
<td><strong>Source</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>StackTrace</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>TargetSite</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
</tbody>
</table>
See Also

ItemException Class
MultiArchive.SDK.Services.Exceptions Namespace

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ItemException Constructor

See Also  Send Feedback
### Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ItemException()</td>
<td>Default constructor</td>
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<tr>
<td>ItemException(SerializationInfo, StreamingContext)</td>
<td>Initializes a new instance of the ItemException class</td>
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<tr>
<td>ItemException(String, String)</td>
<td>Constructor handling an ItemException.</td>
</tr>
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<td></td>
<td>This exception is thrown when the SDK encounters errors during the building of an ItemSpecification and a CreateItem request.</td>
</tr>
<tr>
<td>ItemException(String, String, Exception)</td>
<td>Constructor handling an ItemException from the MultiArchive webservice.</td>
</tr>
<tr>
<td></td>
<td>This exception is thrown when an attempt to create an item in MultiArchive fails.</td>
</tr>
</tbody>
</table>
See Also

ItemException Class
ItemException Members
MultiArchive.SDK.Services.Exceptions Namespace

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[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)
<table>
<thead>
<tr>
<th>Syntax</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td>public ItemException()</td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td>Public Sub New</td>
</tr>
</tbody>
</table>
| **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)

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#

```csharp
protected ItemException(
    SerializationInfo info,
    StreamingContext context
)
```

Visual Basic

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

Visual C++

```cpp
protected:  
    ItemException(
        SerializationInfo^ info,  
        StreamingContext context
    )
```

Parameters

`info`
Type: `System.Runtime.Serialization.SerializationInfo`

`context`
Type: `System.Runtime.Serialization.StreamingContext`
See Also

ItemException Class
ItemException Members
ItemException Overload
MultiArchive.SDK.Services.Exceptions Namespace

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ItemException Constructor (String, String)

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#

```csharp
public ItemException(
    string message,
    string reason
)
```

Visual Basic

```vbnet
Public Sub New (  
    message As String,
    reason As String
)
```

Visual C++

```cpp
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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ItemException Constructor (String, String, Exception)

[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#

```csharp
public ItemException(
    string message,
    string reason,
    Exception innerException
)
```

#### Visual Basic

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

#### Visual C++

```cpp
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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>Equals</code></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><code>Finalize</code></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><code>GetBaseException</code></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><code>GetHashCode</code></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><code>GetObjectData</code></td>
<td>A method called when serializing a Singleton.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">MultiArchiveSDKException</a>)</td>
</tr>
<tr>
<td><code>GetType</code></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><code>MemberwiseClone</code></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><code>ToString</code></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
</tbody>
</table>
See Also

ItemException Class
MultiArchive.SDK.Services.Exceptions Namespace

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The ItemException type exposes the following members.
# Properties

<table>
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<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Data</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>HelpLink</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
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</tr>
<tr>
<td><strong>Message</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>Reason</strong></td>
<td>Property for holding the Reason thrown by the MultiArchive webservice.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">MultiArchiveSDKException</a>)</td>
</tr>
<tr>
<td><strong>Source</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
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<td><strong>StackTrace</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>TargetSite</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
</tbody>
</table>
See Also

ItemException Class
MultiArchive.SDK.Services.Exceptions Namespace

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LogonException Class

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

<table>
<thead>
<tr>
<th>C#</th>
<th>Visual Basic</th>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>[SerializableAttribute]</code>&lt;br&gt;public class LogonException : MultiArchiveSDKException</td>
<td><code>&lt;SerializableAttribute&gt;</code>&lt;br&gt;Public Class LogonException&lt;br&gt;  Inherits MultiArchiveSDKException</td>
<td><code>[SerializableAttribute]</code>&lt;br&gt;public ref class LogonException : public MultiArchiveSDKException</td>
</tr>
</tbody>
</table>
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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LogonException Members

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

The LogonException type exposes the following members.
### Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LogonException()</td>
<td>Default constructor</td>
</tr>
<tr>
<td>LogonException(SerializationInfo,</td>
<td>Initializes a new instance of the LogonException class</td>
</tr>
<tr>
<td>StreamingContext)</td>
<td></td>
</tr>
<tr>
<td>LogonException(String, String, Exception)</td>
<td>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.</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
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<td>Finalize</td>
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<tr>
<td>GetBaseException</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td>GetObjectData</td>
<td>A method called when serializing a Singleton.</td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Data</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td><strong>HelpLink</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td><strong>HResult</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td><strong>InnerException</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td><strong>Reason</strong></td>
<td>Property for holding the Reason thrown by the MultiArchive webservice.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">MultiArchiveSDKException</a>.)</td>
</tr>
<tr>
<td><strong>Source</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td><strong>StackTrace</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td><strong>TargetSite</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
</tbody>
</table>
See Also

LogonException Class
MultiArchive.SDK.Services.Exceptions Namespace

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LogonException Constructor

LogonException Class See Also Send Feedback

[This is preliminary documentation and is subject to change.]
### Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>LogonException()</td>
<td>Default constructor</td>
</tr>
<tr>
<td>LogonException(SerializationInfo,</td>
<td>Initializes a new instance of the LogonException class</td>
</tr>
<tr>
<td>StreamingContext)</td>
<td></td>
</tr>
<tr>
<td>LogonException(String, String, Exception)</td>
<td>Constructor handling a LogonException from the MultiArchive webservice.</td>
</tr>
<tr>
<td></td>
<td>This exception is thrown when an attempt to logon to MultiArchive fails or when a credentials object is not longer valid.</td>
</tr>
</tbody>
</table>
See Also

LogonException Class
LogonException Members
MultiArchive.SDK.Services.Exceptions Namespace

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LogonException Constructor

Namespace: MultiArchive.SDK.Services.Exceptions
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public LogonException()</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Sub New</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: LogonException()</code></td>
</tr>
</tbody>
</table>
See Also

LogonException Class
LogonException Members
LogonException Overload
MultiArchive.SDK.Services.Exceptions Namespace

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LogonException Constructor (SerializationInfo, StreamingContext)

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#**

```csharp
protected LogonException(
    SerializationInfo info,
    StreamingContext context
)
```

**Visual Basic**

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

**Visual C++**

```cpp
protected:
LogonException(
    SerializationInfo^ info,
    StreamingContext context
)
```

### Parameters

- **info**
  Type: `System.Runtime.Serialization.SerializationInfo`

- **context**
  Type: `System.Runtime.Serialization.StreamingContext`


See Also

LogonException Class
LogonException Members
LogonException Overload
MultiArchive.SDK.Services.Exceptions Namespace

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LogonException Constructor (String, String, Exception)

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#

```csharp
public LogonException(
    string message,
    string reason,
    Exception innerException
)
```

#### Visual Basic

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

#### Visual C++

```cpp
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.
LogonException Methods

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

The LogonException type exposes the following members.
# Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><strong>Finalize</strong></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><strong>GetBaseException</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
</tbody>
</table>
| **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

[This is preliminary documentation and is subject to change.]
The LogonException type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Data</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>HelpLink</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>HResult</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>InnerException</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>Reason</strong></td>
<td>Property for holding the Reason thrown by the MultiArchive webservice.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">MultiArchiveSDKException</a>)</td>
</tr>
<tr>
<td><strong>Source</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>StackTrace</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>TargetSite</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
</tbody>
</table>
See Also

**LogonException Class**

**MultiArchive.SDK.Services.Exceptions Namespace**

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MultiArchiveSDKException Class

[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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>[SerializableAttribute] public class MultiArchiveSDKException : Exception</code></td>
<td></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>&lt;SerializableAttribute&gt;</code> Public Class MultiArchiveSDKException Inherits Exception</td>
<td></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>[SerializableAttribute] public ref class MultiArchiveSDKException : public Exception</code></td>
<td></td>
</tr>
</tbody>
</table>
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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The `MultiArchiveSDKException` type exposes the following members.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MultiArchiveSDKException()</td>
<td>Default constructor for this exception.</td>
</tr>
<tr>
<td>MultiArchiveSDKException(String)</td>
<td>Inherited constructor.</td>
</tr>
<tr>
<td>MultiArchiveSDKException(SerializationInfo, StreamingContext)</td>
<td>Inherited constructor.</td>
</tr>
<tr>
<td>MultiArchiveSDKException(String, Exception)</td>
<td>Inherited constructor.</td>
</tr>
<tr>
<td>MultiArchiveSDKException(String, String)</td>
<td>Exception thrown by the SDK when actions performed before calling the MultiArchive webservice fails.</td>
</tr>
<tr>
<td>MultiArchiveSDKException(String, String, Exception)</td>
<td>Exception thrown by the SDK when some action on the MultiArchive webservice fails.</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><strong>Finalize</strong></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><strong>GetBaseException</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><strong>GetObjectData</strong></td>
<td>A method called when serializing a Singleton. (Overrides <a href="">Exception.GetObjectData(SerializationInfo, StreamingContext)</a>)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>MemberwiseClone</strong></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
</tbody>
</table>
## Properties

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<th>Name</th>
<th>Description</th>
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<tbody>
<tr>
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<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>HelpLink</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>HResult</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>InnerException</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>Message</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>Reason</td>
<td>Property for holding the Reason thrown by the MultiArchive webservice.</td>
</tr>
<tr>
<td>Source</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>StackTrace</td>
<td>(Inherited from Exception.)</td>
</tr>
<tr>
<td>TargetSite</td>
<td>(Inherited from Exception.)</td>
</tr>
</tbody>
</table>
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

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<td>MultiArchiveSDKException()</td>
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<td>Inherited constructor.</td>
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<tr>
<td>MultiArchiveSDKException(SerializationInfo, StreamingContext)</td>
<td>Inherited constructor.</td>
</tr>
<tr>
<td>MultiArchiveSDKException(String, Exception)</td>
<td>Inherited constructor.</td>
</tr>
<tr>
<td>MultiArchiveSDKException(String, String)</td>
<td>Exception thrown by the SDK when actions performed before calling the MultiArchive webservice fails.</td>
</tr>
<tr>
<td>MultiArchiveSDKException(String, String, Exception)</td>
<td>Exception thrown by the SDK when some action on the MultiArchive webservice fails.</td>
</tr>
</tbody>
</table>
See Also

- MultiArchiveSDKException Class
- MultiArchiveSDKException Members
- MultiArchive.SDK.Services.Exceptions Namespace

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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

<table>
<thead>
<tr>
<th>Language</th>
<th>Syntax</th>
</tr>
</thead>
<tbody>
<tr>
<td>C#</td>
<td><code>public MultiArchiveSDKException()</code></td>
</tr>
<tr>
<td>Visual Basic</td>
<td><code>Public Sub New</code></td>
</tr>
<tr>
<td>Visual C++</td>
<td><code>public: MultiArchiveSDKException()</code></td>
</tr>
</tbody>
</table>
See Also

MultiArchiveSDKException Class
MultiArchiveSDKException Members
MultiArchiveSDKException Overload
MultiArchive.SDK.Services.Exceptions Namespace

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MultiArchiveSDKException Constructor (String)

Namespace: MultiArchive.SDK.Services.Exceptions
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)

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

Inherited constructor.
Syntax

C#

```csharp
public MultiArchiveSDKException(
    string message
)
```

Visual Basic

```vbnet
Public Sub New (  
    message As String
)
```

Visual C++

```cpp
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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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

<table>
<thead>
<tr>
<th>C#</th>
</tr>
</thead>
<tbody>
<tr>
<td>`protected MultiArchiveSDKException(</td>
</tr>
<tr>
<td>SerializationInfo info,</td>
</tr>
<tr>
<td>StreamingContext context)</td>
</tr>
<tr>
<td>)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Visual Basic</th>
</tr>
</thead>
<tbody>
<tr>
<td>`Protected Sub New (</td>
</tr>
<tr>
<td>info As SerializationInfo,</td>
</tr>
<tr>
<td>context As StreamingContext)</td>
</tr>
<tr>
<td>)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td>`protected:</td>
</tr>
<tr>
<td>MultiArchiveSDKException(</td>
</tr>
<tr>
<td>SerializationInfo^ info,</td>
</tr>
<tr>
<td>StreamingContext context)</td>
</tr>
<tr>
<td>)</td>
</tr>
</tbody>
</table>

### Parameters

- **info**
  - Type: `System.Runtime.Serialization.SerializationInfo`

- **context**
  - Type: `System.Runtime.Serialization.StreamingContext`
  - [Missing <param name="context"/> documentation for "M:MultiArchive.SDK.Services.Exceptions.MultiArchiveSDKException.#context"]
See Also

MultiArchiveSDKException Class
MultiArchiveSDKException Members
MultiArchiveSDKException Overload
MultiArchive.SDK.Services.Exceptions Namespace

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MultiArchiveSDKException Constructor (String, Exception)

Namespace: MultiArchive.SDK.Services.Exceptions
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
## Syntax

### C#

```csharp
public MultiArchiveSDKException(string message, Exception innerException)
```

### Visual Basic

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

### Visual C++

```cpp
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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MultiArchiveSDKException Constructor (String, String)

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#

```csharp
public MultiArchiveSDKException(
    string message,
    string reason
)
```

Visual Basic

```vbnet
Public Sub New (  
    message As String,  
    reason As String
)
```

Visual C++

```cpp
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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MultiArchiveSDKException Constructor (String, String, Exception)

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#

```csharp
public MultiArchiveSDKException(
    string message,
    string reason,
    Exception innerException
)
```

#### Visual Basic

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

#### Visual C++

```cpp
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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The `MultiArchiveSDKException` type exposes the following members.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>GetBaseException</td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>GetObjectData</td>
<td>A method called when serializing a Singleton. (Overrides <a href="#">Exception.GetObjectData</a>(SerializationInfo, StreamingContext).)</td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
</tbody>
</table>
See Also

MultiArchiveSDKException Class
MultiArchive.SDK.Services.Exceptions Namespace

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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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public override void GetObjectData( SerializationInfo info, StreamingContext context)</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Overrides Sub GetObjectData (   info As SerializationInfo,   context As StreamingContext)</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public:  virtual void GetObjectData(   SerializationInfo^ info,   StreamingContext context)</code></td>
</tr>
</tbody>
</table>

### Parameters

- **info**
  - Type: `System.Runtime.Serialization.SerializationInfo`  

- **context**
  - Type: `System.Runtime.Serialization.StreamingContext`  

### Implements
ISerializable.GetObjectData(SerializationInfo, StreamingContext)

Exception.GetObjectData(SerializationInfo, StreamingContext)
See Also

MultiArchiveSDKException Class
MultiArchiveSDKException Members
MultiArchive.SDK.Services.Exceptions Namespace

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MultiArchiveSDKException Properties

The MultiArchiveSDKException type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td>HelpLink</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td>HResult</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td>InnerException</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td>Message</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td>Reason</td>
<td>Property for holding the Reason thrown by the MultiArchive webservice.</td>
</tr>
<tr>
<td>Source</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td>StackTrace</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td>TargetSite</td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
</tbody>
</table>
See Also

MultiArchiveSDKException Class
MultiArchive.SDK.Services.Exceptions Namespace

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MultiArchiveSDKException.Reason Property

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

<table>
<thead>
<tr>
<th>C#</th>
<th>Visual Basic</th>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>public string Reason { get; set; }</code></td>
<td><code>Public Property Reason As String Get Set</code></td>
<td><code>public: property String^ Reason { String^ get (); void set (String^ value); }</code></td>
</tr>
</tbody>
</table>

### Property Value

Type: `String`
See Also

MultiArchiveSDKException Class
MultiArchiveSDKException Members
MultiArchive.SDK.Services.Exceptions Namespace

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NtlmLogonException Class

(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

<table>
<thead>
<tr>
<th>C#</th>
<th>Visual Basic</th>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>[SerializableAttribute]</code></td>
<td><code>&lt;SerializableAttribute&gt;</code></td>
<td><code>[SerializableAttribute]</code></td>
</tr>
</tbody>
</table>
| `public class NtlmLogonException : MultiArchiveSDKException` | `Public Class NtlmLogonException
Inherits MultiArchiveSDKException` | `public ref class NtlmLogonException : public MultiArchiveSDKException` |
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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The `NtlmLogonException` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NtlmLogonException()</td>
<td>Default constructor</td>
</tr>
<tr>
<td>NtlmLogonException(SerializationInfo, StreamingContext)</td>
<td>Inherited constructor.</td>
</tr>
<tr>
<td>NtlmLogonException(String, Exception)</td>
<td>Inherited constructor.</td>
</tr>
<tr>
<td>NtlmLogonException(String, String, Exception)</td>
<td>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.</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>Finalize</strong></td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetBaseException</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>GetObjectData</strong></td>
<td>A method called when serializing a Singleton. (Inherited from <a href="#">MultiArchiveSDKException</a>.)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
<tr>
<td><strong>MemberwiseClone</strong></td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td><strong>ToString</strong></td>
<td>(Inherited from <a href="#">Exception</a>.)</td>
</tr>
</tbody>
</table>
### Properties

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<th>Description</th>
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<tbody>
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<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>HelpLink</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>HResult</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>InnerException</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>Reason</strong></td>
<td>Property for holding the Reason thrown by the MultiArchive webservice. (Inherited from <a href="#">MultiArchiveSDKException</a>)</td>
</tr>
<tr>
<td><strong>Source</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>StackTrace</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>TargetSite</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
</tbody>
</table>
See Also

NtlmLogonException Class
MultiArchive.SDK.Services.Exceptions Namespace

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NtlmLogonException Constructor

[This is preliminary documentation and is subject to change.]
## Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NtlmLogonException()</td>
<td>Default constructor</td>
</tr>
<tr>
<td>NtlmLogonException(SerializationInfo,</td>
<td>Inherited constructor.</td>
</tr>
<tr>
<td>StreamingContext)</td>
<td></td>
</tr>
<tr>
<td>NtlmLogonException(String, Exception)</td>
<td>Inherited constructor.</td>
</tr>
<tr>
<td>NtlmLogonException(String, String,</td>
<td>Constructor handling a LogonException from the MultiArchive webservice.</td>
</tr>
<tr>
<td>Exception)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>This exception is thrown when an attempt to logon to MultiArchive fails or</td>
</tr>
<tr>
<td></td>
<td>when a <code>credentials</code> object is not longer valid.</td>
</tr>
</tbody>
</table>
See Also

NtlmLogonException Class
NtlmLogonException Members
MultiArchive.SDK.Services.Exceptions Namespace
NtlmLogonException Constructor

[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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C#</td>
<td>public NtlmLogonException()</td>
</tr>
<tr>
<td>Visual Basic</td>
<td>Public Sub New</td>
</tr>
<tr>
<td>Visual C++</td>
<td>public: NtlmLogonException()</td>
</tr>
</tbody>
</table>
See Also

NtlmLogonException Class
NtlmLogonException Members
NtlmLogonException Overload
MultiArchive.SDK.Services.Exceptions Namespace

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NtlmLogonException Constructor (SerializationInfo, StreamingContext)

[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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
</table>
| **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`

- **context**
  - Type: `System.Runtime.Serialization.StreamingContext`


See Also

NtlmLogonException Class
NtlmLogonException Members
NtlmLogonException Overload
MultiArchive.SDK.Services.Exceptions Namespace

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NtlmLogonException Constructor (String, Exception)

Namespace: MultiArchive.SDK.Services.Exceptions
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)
## Syntax

### C#

```csharp
public NtlmLogonException(
    string message,
    Exception innerException
)
```

### Visual Basic

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

### Visual C++

```cpp
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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NtlmLogonException Constructor (String, String, Exception)

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#**

```csharp
public NtlmLogonException(
    string message,
    string reason,
    Exception innerException
)
```

**Visual Basic**

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

**Visual C++**

```cpp
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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The `NtlmLogonException` type exposes the following members.
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equals</strong></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><strong>Finalize</strong></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><strong>GetBaseException</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>GetHashCode</strong></td>
<td>(Inherited from <a href="#">Object</a>)</td>
</tr>
<tr>
<td><strong>GetObjectData</strong></td>
<td>A method called when serializing a Singleton.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">MultiArchiveSDKException</a>)</td>
</tr>
<tr>
<td><strong>GetType</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
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<tr>
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<tr>
<td><strong>ToString</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
</tbody>
</table>
See Also

NtlmLogonException Class
MultiArchive.SDK.Services.Exceptions Namespace

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The NtlmLogonException type exposes the following members.
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<tr>
<th>Name</th>
<th>Description</th>
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</thead>
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<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>HelpLink</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>HResult</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>InnerException</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>Reason</strong></td>
<td>Property for holding the Reason thrown by the MultiArchive webservice.</td>
</tr>
<tr>
<td></td>
<td>(Inherited from <a href="#">MultiArchiveSDKException</a>)</td>
</tr>
<tr>
<td><strong>Source</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
<tr>
<td><strong>StackTrace</strong></td>
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</tr>
<tr>
<td><strong>TargetSite</strong></td>
<td>(Inherited from <a href="#">Exception</a>)</td>
</tr>
</tbody>
</table>
See Also

NtlmLogonException Class
MultiArchive.SDK.Services.Exceptions Namespace

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MultiArchive.SDK.ServiceUtils Namespace

[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

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CommonUtil</td>
<td>The is a service class with utility methods commonly used when working with the MultiArchive webservice.</td>
</tr>
<tr>
<td>ComponentProperty</td>
<td>This is a service class for handling the creation of ItemSpecifications used when creating new items in MultiArchive.</td>
</tr>
<tr>
<td>ComponentWrapper</td>
<td>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.</td>
</tr>
<tr>
<td>ItemSpecificationBuilder</td>
<td></td>
</tr>
<tr>
<td>SubComponentWrapper</td>
<td></td>
</tr>
</tbody>
</table>
## Enumerations

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MultiArchiveComponentType</td>
<td>Enum for the different transport protocols supported by the SDK when communicating with MultiArchive web services.</td>
</tr>
<tr>
<td>SDKTransportProtocol</td>
<td></td>
</tr>
</tbody>
</table>

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CommonUtil Class

This is preliminary documentation and is subject to change.

The 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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td>public static class CommonUtil</td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td>Public NotInheritable Class CommonUtil</td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td>public ref class CommonUtil abstract sealed</td>
</tr>
</tbody>
</table>
Inheritance Hierarchy

System.Object
MultiArchive.SDK.ServiceUtils.CommonUtil
See Also

CommonUtil Members
MultiArchive.SDK.ServiceUtils Namespace

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CommonUtil Members

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

The CommonUtil type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GenerateHash(Byte[])</td>
<td>Utility method that generates an MD5 hash from a byte array.</td>
</tr>
<tr>
<td>GenerateHash(String)</td>
<td>Utility method that generates an MD5 Hash from a file.</td>
</tr>
<tr>
<td>MimeType</td>
<td>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 &quot;application/octetstream&quot; will be returned.</td>
</tr>
<tr>
<td>SetClientBase</td>
<td>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.</td>
</tr>
<tr>
<td>SetMessageVersion</td>
<td>Method for setting the MessageVersion of the MessageEncoding element of the CustomBinding. This is used when the MultiArchive webservices run on a Websphere Server or other situations where it is necessary to change the message encoding.</td>
</tr>
</tbody>
</table>
See Also

CommonUtil Class
MultiArchive.SDK.ServiceUtils Namespace

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CommonUtil Methods

The CommonUtil type exposes the following members.

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

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</tr>
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</table>
See Also

CommonUtil Class
MultiArchive.SDK.ServiceUtils Namespace

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CommonUtil.GenerateHash Method

[This is preliminary documentation and is subject to change.]
### Overload List

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<th>Description</th>
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<td><code>GenerateHash(String)</code></td>
<td>Utility method that generates an MD5 Hash from a file.</td>
</tr>
</tbody>
</table>
See Also

CommonUtil Class
CommonUtil Members
MultiArchive.SDK.ServiceUtils Namespace

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© Multi-Support R&D A/S
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)

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

C#

```csharp
public static string GenerateHash(
    byte[] itemContent
)
```

Visual Basic

```vbnet
Public Shared Function GenerateHash (    itemContent As Byte()    ) As String
```

Visual C++

```cpp
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.
class TestClass
{
    static void Main()
    {
        UTF8Encoding enc = new UTF8Encoding();
        byte[] byteContent = enc.GetBytes("Hello World.");
        string md5Hash = CommonUtils.GenerateHash(byteContent);
    }
}
### Exceptions

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>MultiArchive.SDK.Services.Exceptions.ItemException</td>
<td>Throws an ItemException if the bytarray itemContent is empty.</td>
</tr>
</tbody>
</table>
See Also

CommonUtil Class
CommonUtil Members
GenerateHash Overload
MultiArchive.SDK.ServiceUtils Namespace

Send comments on this topic to support@multi-support.com
© Multi-Support R&D A/S
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#

```csharp
public static string GenerateHash(
    string filePathAndName
)
```

### Visual Basic

```vbnet
Public Shared Function GenerateHash ( filePathAndName As String ) As String
```

### Visual C++

```cpp
public:
    static String^ GenerateHash(
        String^ filePathAndName
    )
```

## Parameters

**filePathAndName**
Type: [System.String](https://docs.microsoft.com/en-us/dotnet/api/system.string)
The path and name of the file for which a hash should be generated.

## Return Value

Type: [String](https://docs.microsoft.com/en-us/dotnet/api/system.string)
A string containing the generated MD5 hash.
Examples

C#

class TestClass
{
    static void Main()
    {
        string md5Hash = CommonUtils.GenerateHash(@"C:\HelloWorld.txt"November 22, 2021
    }
}
}
### Exceptions

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>MultiArchive.SDK.Services.Exceptions.ItemException</td>
<td>Throws an ItemException if the path specified is empty.</td>
</tr>
</tbody>
</table>
See Also

CommonUtil Class
CommonUtil Members
GenerateHash Overload
MultiArchive.SDK.ServiceUtils Namespace

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CommonUtil.MimeType Method  

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)
### 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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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#

```csharp
public static void SetClientBase(
    CustomBinding binding
)
```

Visual Basic

```vbnet
Public Shared Sub SetClientBase (
    binding As CustomBinding
)
```

Visual C++

```cpp
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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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 webservices 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#

```csharp
public static void SetMessageVersion(
    CustomBinding binding,
    MessageVersion messageVersion
)
```

Visual Basic

```vbnet
Public Shared Sub SetMessageVersion (  
    binding As CustomBinding,
    messageVersion As MessageVersion
)
```

Visual C++

```cpp
public:
static void SetMessageVersion(
    CustomBinding^ binding,
    MessageVersion^ messageVersion
)
```

Parameters

**binding**
Type: `System.ServiceModel.Channels.CustomBinding`

**messageVersion**
See Also

CommonUtil Class
CommonUtil Members
MultiArchive.SDK.ServiceUtils Namespace

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[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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public class ComponentProperty</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Class ComponentProperty</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public ref class ComponentProperty</code></td>
</tr>
</tbody>
</table>
Inheritance Hierarchy

- `System.Object`
- `MultiArchive.SDK.ServiceUtils.ComponentProperty`
See Also

- ComponentProperty Members
- MultiArchive.SDK.ServiceUtils Namespace

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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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ComponentProperty()</td>
<td>Default constructor</td>
</tr>
<tr>
<td>ComponentProperty(String, String, String)</td>
<td>Constructor setting the local variable according to the parameters specified.</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>Equals</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Finalize</td>
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</tr>
<tr>
<td>GetHashCode</td>
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</tr>
<tr>
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<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from Object.)</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Property holding the name of the component property.</td>
</tr>
<tr>
<td>Type</td>
<td>Property holding a string representation of the type of component property.</td>
</tr>
<tr>
<td>Value</td>
<td>Property holding the value of the component property.</td>
</tr>
</tbody>
</table>
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.]
<table>
<thead>
<tr>
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</tr>
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<tbody>
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<td>ComponentProperty()</td>
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</tbody>
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See Also

ComponentProperty Class
ComponentProperty Members
MultiArchive.SDK.ServiceUtils Namespace

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ComponentProperty Constructor

[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)
<table>
<thead>
<tr>
<th>Syntax</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>public</td>
<td>ComponentProperty()</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Sub</td>
<td>New</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>public:</td>
<td></td>
<td>ComponentProperty()</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
See Also

ComponentProperty Class
ComponentProperty Members
ComponentProperty Overload
MultiArchive.SDK.ServiceUtils Namespace

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ComponentProperty Constructor (String, String, String)

[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
## Syntax

### C#

```csharp
public ComponentProperty(
    string name,
    string type,
    string value
)
```

### Visual Basic

```vbnet
Public Sub New (
    name As String,
    type As String,
    value As String
)
```

### Visual C++

```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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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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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<tr>
<td>Equals</td>
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<tr>
<td>Finalize</td>
<td>(Inherited from <code>Object</code>.)</td>
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<td>GetHashCode</td>
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<tr>
<td>ToString</td>
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</table>
See Also

ComponentProperty Class
MultiArchive.SDK.ServiceUtils Namespace

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ComponentProperty Properties

The ComponentProperty type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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<td>Name</td>
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<tr>
<td>Type</td>
<td>Property holding a string representation of the type of component property.</td>
</tr>
<tr>
<td>Value</td>
<td>Property holding the value of the component property.</td>
</tr>
</tbody>
</table>
See Also

- ComponentProperty Class
- MultiArchive.SDK.ServiceUtils Namespace

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ComponentProperty.Name Property

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**

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public string Name { get; set; }</code></td>
</tr>
</tbody>
</table>
| **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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ComponentProperty.Type Property

[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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public string Type { get; set; }</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Property Type As String Get Set</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: property String^ Type { String^ get (); void set (String^ value); }</code></td>
</tr>
</tbody>
</table>

**Property Value**
Type: `String`
See Also

ComponentProperty Class
ComponentProperty Members
MultiArchive.SDK.ServiceUtils Namespace

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

Property holding the value of the component property.

**Namespace:** [MultiArchive.SDK.ServiceUtils](https://www.example.com/MultiArchive.SDK.ServiceUtils)

**Assembly:** MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
### Syntax

**C#**

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

**Visual Basic**

```vbnet
Public Property Value As String
    Get
    Set
```

**Visual C++**

```cpp
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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[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)
<table>
<thead>
<tr>
<th>Syntax</th>
<th></th>
</tr>
</thead>
</table>
| **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
The `ComponentWrapper` type exposes the following members.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ComponentWrapper</td>
<td>Initializes a new instance of the <a href="#">ComponentWrapper</a> class</td>
</tr>
</tbody>
</table>
### Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetComponent</td>
<td></td>
</tr>
<tr>
<td>GetContentType</td>
<td></td>
</tr>
<tr>
<td>GetFolderType</td>
<td></td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetItemType</td>
<td></td>
</tr>
<tr>
<td>GetProperties</td>
<td></td>
</tr>
<tr>
<td>GetSubComponentAt</td>
<td></td>
</tr>
<tr>
<td>GetSubComponents</td>
<td></td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from Object.)</td>
</tr>
</tbody>
</table>
# Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>componentType</td>
<td>Description</td>
</tr>
<tr>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>NumberOfSubComponents</td>
<td></td>
</tr>
<tr>
<td>Urn</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ComponentWrapper Class
MultiArchive.SDK.ServiceUtils Namespace

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[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

<table>
<thead>
<tr>
<th>Language</th>
<th>Method Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public ComponentWrapper( Component component )</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Sub New ( component As Component )</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: ComponentWrapper( Component^ component )</code></td>
</tr>
</tbody>
</table>

### 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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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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Inherited From</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td></td>
<td>Object</td>
</tr>
<tr>
<td>Finalize</td>
<td></td>
<td>Object</td>
</tr>
<tr>
<td>GetComponent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GetContentType</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GetFolderType</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from Object)</td>
<td></td>
</tr>
<tr>
<td>GetItemType</td>
<td></td>
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</tr>
<tr>
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<td>GetSubComponentAt</td>
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<td></td>
</tr>
</tbody>
</table>
See Also

ComponentWrapper Class
MultiArchive.SDK.ServiceUtils Namespace

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


Namespace: MultiArchive.SDK.ServiceUtils
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
Syntax

C#

```csharp
public Component GetComponent()
```

Visual Basic

```vbnet
Public Function GetComponent As Component
```

Visual C++

```cpp
public:
Component^ GetComponent()
```

Return Value
Type: Component

See Also

ComponentWrapper Class
ComponentWrapper Members
MultiArchive.SDK.ServiceUtils Namespace

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ComponentWrapper.GetContentType Method

Namespace: MultiArchive.SDK.ServiceUtils
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
## Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td>public ContentType GetContentType()</td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td>Public Function GetContentType As ContentType</td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td>public: ContentType^ GetContentType()</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C#</td>
<td><code>public FolderType GetFolderType()</code></td>
</tr>
<tr>
<td>Visual Basic</td>
<td><code>Public Function GetFolderType As FolderType</code></td>
</tr>
<tr>
<td>Visual C++</td>
<td><code>public: FolderType^ GetFolderType()</code></td>
</tr>
</tbody>
</table>

### 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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ComponentWrapper.GetItem Type Method

[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#

```csharp
public ItemType GetItemType()
```

### Visual Basic

```vbnet
Public Function GetItemType As ItemType
```

### Visual C++

```cpp
public:
ItemType^ GetItemType()
```

## Return Value

Type: **ItemType**

See Also

- ComponentWrapper Class
- ComponentWrapper Members
- MultiArchive.SDK.ServiceUtils Namespace

Send comments on this topic to support@multi-support.com

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ComponentWrapper.GetProperties Method

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

[Missing <summary> documentation for

Namespace: MultiArchive.SDK.ServiceUtils
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)
### Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Syntax</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td>public Dictionary&lt;string, ComponentProperty&gt; GetProperties()</td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td>Public Function GetProperties As Dictionary(Of String, ComponentProperty)</td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td>public: Dictionary&lt;String^, ComponentProperty^&gt;^ GetProperties()</td>
</tr>
</tbody>
</table>

### Return Value

Type: Dictionary(String, ComponentProperty)

See Also

ComponentWrapper Class
ComponentWrapper Members
MultiArchive.SDK.ServiceUtils Namespace

Send comments on this topic to support@multi-support.com
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ComponentWrapper.GetSubComponentAt Method

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

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

See Also
Send Feedback
## Syntax

### C#

```csharp
public SubComponentWrapper GetSubComponentAt(
    long elementNumber
)
```

### Visual Basic

```vbnet
Public Function GetSubComponentAt (elementNumber As Long) As SubComponentWrapper
```

### Visual C++

```cpp
public:
SubComponentWrapper^ GetSubComponentAt(
    long long elementNumber
)
```

## Parameters

- **elementNumber**
  - Type: `System.Int64`
  - [Missing <param name="elementNumber"/> documentation for "M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetSubComponentAt(System.Int64)"

## Return Value

- Type: `SubComponentWrapper`
  - [Missing <returns> documentation for "M:MultiArchive.SDK.ServiceUtils.ComponentWrapper.GetSubComponentAt(System.Int64)"


See Also

ComponentWrapper Class
ComponentWrapper Members
MultiArchive.SDK.ServiceUtils Namespace

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ComponentWrapper.GetSubComponents Method

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


Namespace: MultiArchive.SDK.ServiceUtils
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
## Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public List&lt;SubComponentWrapper&gt; GetSubComponents()</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Function GetSubComponents As List(Of SubComponentWrapper)</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: List&lt;SubComponentWrapper^&gt;^ GetSubComponents()</code></td>
</tr>
</tbody>
</table>

## Return Value

Type: [List(SubComponentWrapper)](Link)

See Also

ComponentWrapper Class
ComponentWrapper Members
MultiArchive.SDK.ServiceUtils Namespace

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ComponentWrapper Properties

The ComponentWrapper type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>componentType</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>NumberOfSubComponents</td>
<td></td>
</tr>
<tr>
<td>Urn</td>
<td></td>
</tr>
</tbody>
</table>
See Also

ComponentWrapper Class
MultiArchive.SDK.ServiceUtils Namespace

Send comments on this topic to support@multi-support.com

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ComponentWrapper.componentType Property

[Namespace: MultiArchive.SDK.ServiceUtils]
[Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)]
### Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td>public MultiArchiveComponentType componentType { get; }</td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td>Public Property componentType As MultiArchiveComponentType</td>
</tr>
<tr>
<td></td>
<td>Get</td>
</tr>
<tr>
<td></td>
<td>Set</td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td>public: property MultiArchiveComponentType componentType {</td>
</tr>
<tr>
<td></td>
<td>MultiArchiveComponentType get ();</td>
</tr>
<tr>
<td></td>
<td>void set (MultiArchiveComponentType value);</td>
</tr>
<tr>
<td></td>
<td>}</td>
</tr>
</tbody>
</table>

### Property Value

Type: [MultiArchiveComponentType](#)
See Also

ComponentWrapper Class
ComponentWrapper Members
MultiArchive.SDK.ServiceUtils Namespace

Send comments on this topic to support@multi-support.com

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ComponentWrapper.Description Property

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

[This is preliminary documentation and is subject to change.]
[Missing <summary> documentation for "P:MultiArchive.SDK.ServiceUtils.ComponentWrapper.Description"]
### Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public string Description { get; set; }</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Property Description As String Get Set</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: property String^ Description { String^ get (); void set (String^ value); }</code></td>
</tr>
</tbody>
</table>

### Property Value

Type: `String`
See Also

ComponentWrapper Class
ComponentWrapper Members
MultiArchive.SDK.ServiceUtils Namespace

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[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

<table>
<thead>
<tr>
<th></th>
<th>C#</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>public int NumberOfSubComponents { get; }</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Visual Basic</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Public ReadOnly Property NumberOfSubComponents As Integer Get</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Visual C++</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>public: property int NumberOfSubComponents { int get (); }</td>
</tr>
</tbody>
</table>

**Property Value**

Type: [Int32](#)
See Also

ComponentWrapper Class
ComponentWrapper Members
MultiArchive.SDK.ServiceUtils Namespace

Send comments on this topic to support@multi-support.com
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ComponentWrapper.Urn Property

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


Namespace: MultiArchive.SDK.ServiceUtils
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
### Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C#</td>
<td><code>public string Urn { get; set; }</code></td>
</tr>
</tbody>
</table>
| 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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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**

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public class ItemSpecificationBuilder</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Class ItemSpecificationBuilder</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public ref class ItemSpecificationBuilder</code></td>
</tr>
</tbody>
</table>
```csharp
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new ItemSpecificationBuilder();
        myBuilder.Archive = "urn:multiarchive:archive:A42"
        myBuilder.ItemType = "urn:multiarchive:itemtype:A42:CUSTOMER_LETTER"

        myBuilder.AddFieldSpecification(fieldtypes.numeric,
        myBuilder.AddContentSpecification("Hello World."

        ItemSpecification itemSpecificationObj = myBuilder.BuildItemSpecification();
    }
}
```
Inheritance Hierarchy

System.Object
MultiArchive.SDK.ServiceUtils.ItemSpecificationBuilder
See Also

ItemSpecificationBuilder Members
MultiArchive.SDK.ServiceUtils Namespace

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The `ItemSpecificationBuilder` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>ItemSpecificationBuilder()</code></td>
<td>Default constructor.</td>
</tr>
<tr>
<td><code>ItemSpecificationBuilder(String, String)</code></td>
<td>Constructor that adds Archive and ItemType information to the ItemSpecification.</td>
</tr>
</tbody>
</table>

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"
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddContentSpecification(FileSystemInfo)</td>
<td>Method that creates a new ContentSpecification based on a physical file on the local filesystem.</td>
</tr>
<tr>
<td>AddContentSpecification(FileSystemInfo, String)</td>
<td>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.</td>
</tr>
<tr>
<td>AddContentSpecification(Stream, String, String, String)</td>
<td>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.</td>
</tr>
<tr>
<td>AddContentSpecification(String, String, String, String)</td>
<td>Method that creates a new ContentSpecification 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.</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>AddFieldSpecification(String, DateTime)</td>
<td>Method that creates a FieldSpecification object type Date with the specified arguments and adds it to the list of FieldSpecifications.</td>
</tr>
<tr>
<td>AddFieldSpecification(String, Decimal)</td>
<td>Method that creates a FieldSpecification object type Decimal with the specified arguments and adds it to the list of FieldSpecifications.</td>
</tr>
<tr>
<td>AddFieldSpecification(String, Int32)</td>
<td>Method that creates a FieldSpecification object type Numeric with the specified arguments and adds it to the list of FieldSpecifications.</td>
</tr>
<tr>
<td>AddFieldSpecification(String, String)</td>
<td>Method that creates a FieldSpecification object type Character with the specified arguments and adds it to the list of FieldSpecifications.</td>
</tr>
<tr>
<td>AddFieldSpecification(Fieldtypes, String, String)</td>
<td>Method that creates a FieldSpecification object with the specified arguments and adds it to the list of FieldSpecifications.</td>
</tr>
<tr>
<td>CheckFieldType</td>
<td>Method for making sure that the specified fieldtype and fieldvalue conforms to the restrictions of the type specified by the MultiArchive webservice.</td>
</tr>
<tr>
<td>CheckParameter</td>
<td>Method for checking that the parameter specified is not null, empty or an empty list.</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>Equals</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from Object.)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from Object.)</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Archive</td>
<td>Property for holding the archive URN.</td>
</tr>
<tr>
<td>ExternalID</td>
<td>Property for holding the external ID.</td>
</tr>
<tr>
<td>ItemType</td>
<td>Property for holding the itemtype URN.</td>
</tr>
</tbody>
</table>
### See Also

- ItemSpecificationBuilder Class
- MultiArchive.SDK.ServiceUtils Namespace

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ItemSpecificationBuilder Constructor

ItemSpecificationBuilder Class  See Also  Send Feedback

[This is preliminary documentation and is subject to change.]
# Overload List

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="ItemSpecificationBuilder()" /></td>
<td>Default constructor.</td>
</tr>
<tr>
<td><img src="image" alt="ItemSpecificationBuilder(String, String)" /></td>
<td>Constructor that adds Archive and ItemType information to the ItemSpecification.</td>
</tr>
</tbody>
</table>

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"
See Also

ItemSpecificationBuilder Class
ItemSpecificationBuilder Members
MultiArchive.SDK.ServiceUtils Namespace

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ItemSpecificationBuilder Constructor

Default constructor.

Namespace: MultiArchive.SDK.ServiceUtils
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
## Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C#</td>
<td><code>public ItemSpecificationBuilder()</code></td>
</tr>
<tr>
<td>Visual Basic</td>
<td><code>Public Sub New</code></td>
</tr>
<tr>
<td>Visual C++</td>
<td><code>public: ItemSpecificationBuilder()</code></td>
</tr>
</tbody>
</table>
See Also

ItemSpecificationBuilder Class
ItemSpecificationBuilder Members
ItemSpecificationBuilder Overload
MultiArchive.SDK.ServiceUtils Namespace

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ItemSpecificationBuilder Constructor (String, String)

[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#

```csharp
public ItemSpecificationBuilder(
    string archive,
    string itemType
)
```

### Visual Basic

```vbnet
Public Sub New (
    archive As String,
    itemType As String
)
```

### Visual C++

```cpp
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

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>System.ArgumentException</code></td>
<td>Throws an <code>ArgumentException</code> if either the archive or the ItemType is missing or empty.</td>
</tr>
</tbody>
</table>
See Also

ItemSpecificationBuilder Class
ItemSpecificationBuilder Members
ItemSpecificationBuilder Overload
MultiArchive.SDK.ServiceUtils Namespace

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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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AddContentSpecification(FileSystemInfo)</strong></td>
<td>Method that creates a new ContentSpecification on a physical file on the local filesystem.</td>
</tr>
<tr>
<td><strong>AddContentSpecification(FileSystemInfo, String)</strong></td>
<td>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.</td>
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<td><strong>AddContentSpecification(Stream, String, String, String)</strong></td>
<td>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.</td>
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<tr>
<td><strong>AddContentSpecification(String, String, String, String)</strong></td>
<td>Method that creates a new ContentSpecification 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.</td>
</tr>
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<td>Method Name</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>AddFieldSpecification(String, DateTime)</td>
<td>Method that creates a FieldSpecification object of type Date with the specified arguments and adds it to the list of FieldSpecifications.</td>
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<td>AddFieldSpecification(String, String)</td>
<td>Method that creates a FieldSpecification object of type Character with the specified arguments and adds it to the list of FieldSpecifications.</td>
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<tr>
<td>AddFieldSpecification(Fieldtypes, String, String)</td>
<td>Method that creates a FieldSpecification object with the specified arguments and adds it to the list of FieldSpecifications.</td>
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</tr>
<tr>
<td>Method</td>
<td>(Inherited from <code>Object</code>)</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>Equals</td>
<td></td>
</tr>
<tr>
<td>Finalize</td>
<td></td>
</tr>
<tr>
<td>GetHashCode</td>
<td></td>
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<tr>
<td>GetType</td>
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</tr>
<tr>
<td>MemberwiseClone</td>
<td></td>
</tr>
<tr>
<td>ToString</td>
<td></td>
</tr>
</tbody>
</table>
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

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<tr>
<td>AddContentSpecification(FileSystemInfo, String)</td>
<td>Method that creates a new ContentSpecification based on a physical file on the local filesystem.</td>
</tr>
<tr>
<td>AddContentSpecification(Stream, String, String, String)</td>
<td>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.</td>
</tr>
<tr>
<td>AddContentSpecification(String, String, String, String)</td>
<td>Method that creates a new ContentSpecification based on the content of the contentValue-string, and adds it to the local list of ContentSpecifications.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>
See Also

ItemSpecificationBuilder Class
ItemSpecificationBuilder Members
MultiArchive.SDK.ServiceUtils Namespace

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ItemSpecificationBuilder.AddContentSpecification Method (FileSystemInfo)

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

<table>
<thead>
<tr>
<th>C#</th>
</tr>
</thead>
</table>
| ```csharp
public void AddContentSpecification(
    FileSystemInfo content
)
``` |

<table>
<thead>
<tr>
<th>Visual Basic</th>
</tr>
</thead>
</table>
| ```vbnet
Public Sub AddContentSpecification ( 
    content As FileSystemInfo
)
``` |

<table>
<thead>
<tr>
<th>Visual C++</th>
</tr>
</thead>
</table>
| ```cpp
public:
void AddContentSpecification(
    FileSystemInfo^ content
)
``` |

### Parameters

**content**

Type: [System.IO.FileSystemInfo](https://docs.microsoft.com/en-us/dotnet/api/system.io.filesysteminfo)

A reference to a physical file on the local filesystem which is to be attached to the created item.
```csharp
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new ItemSpecificationBuilder;
        FileInfo info = new FileInfo("C:\HelloWorld.txt");
        myBuilder.AddContentSpecification(info);
    }
}
```
## Exceptions

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>System.ArgumentException</code></td>
<td>Throws an <code>ArgumentException</code> if a content file is not specified.</td>
</tr>
<tr>
<td><code>MultiArchive.SDK.Services.Exceptions.ItemException</code></td>
<td>Throws an <code>ItemException</code> if file specified or its directories does not exist.</td>
</tr>
</tbody>
</table>
See Also

ItemSpecificationBuilder Class
ItemSpecificationBuilder Members
AddContentSpecification Overload
MultiArchive.SDK.ServiceUtils Namespace

Send comments on this topic to support@multi-support.com

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ItemSpecificationBuilder.AddContentSpecification Method
(FileSystemInfo, String)

[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#**

```csharp
public void AddContentSpecification(
    FileSystemInfo content,
    string mimeType
)
```

**Visual Basic**

```vbnet
Public Sub AddContentSpecification (
    content As FileSystemInfo,
    mimeType As String
)
```

**Visual C++**

```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.
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new ItemSpecificationBuilder();
        FileInfo info = new FileInfo(@"C:\HelloWorld.txt");
        myBuilder.AddContentSpecification(info, "text/plain");
    }
}
## Exceptions

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>System.ArgumentNullException</code></td>
<td>Throws an <code>ArgumentException</code> if a content file is not specified.</td>
</tr>
<tr>
<td><code>MultiArchive.SDK.Services.Exceptions.ItemException</code></td>
<td>Throws an <code>ItemException</code> if the file specified or one of its directories does not exist.</td>
</tr>
</tbody>
</table>
See Also

- ItemSpecificationBuilder Class
- ItemSpecificationBuilder Members
- AddContentSpecification Overload
- MultiArchive.SDK.ServiceUtils Namespace

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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#

```csharp
public void AddContentSpecification(
    Stream content,
    string itemDescription,
    string itemExtension,
    string mimeType
)
```

### Visual Basic

```vbnet
Public Sub AddContentSpecification(
    content As Stream,
    itemDescription As String,
    itemExtension As String,
    mimeType As String
)
```

### Visual C++

```cpp
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 ItemSpecificationBuilder;
        FileStream stream = new FileStream("C:\HelloWorld.txt");
        myBuilder.AddContentSpecification(stream, "Hello World Example"
### Exceptions

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>System.ArgumentException</code></td>
<td>Throws an <code>ArgumentException</code> if either content, <code>itemDescription</code> or <code>itemExtension</code> are missing.</td>
</tr>
</tbody>
</table>
See Also

ItemSpecificationBuilder Class
ItemSpecificationBuilder Members
AddContentSpecification Overload
MultiArchive.SDK.ServiceUtils Namespace

Send comments on this topic to support@multi-support.com

© Multi-Support R&D A/S
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#

```csharp
public void AddContentSpecification(
    string content,
    string itemDescription,
    string itemExtension,
    string mimeType
)
```

#### Visual Basic

```vb
Public Sub AddContentSpecification ( 
    content As String, 
    itemDescription As String,
    itemExtension As String,
    mimeType As String 
)
```

#### Visual C++

```cpp
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.
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new ItemSpecificationBuilder();
        myBuilder.AddContentSpecification("Hello World.");
    }
}
### Exceptions

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>System.ArgumentException</code></td>
<td>Throws an <code>ArgumentException</code> if either content, <code>itemDescription</code> or <code>itemExtension</code> are missing or empty.</td>
</tr>
</tbody>
</table>
See Also

ItemSpecificationBuilder Class
ItemSpecificationBuilder Members
AddContentSpecification Overload
MultiArchive.SDK.ServiceUtils Namespace

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© Multi-Support R&D A/S
ItemSpecificationBuilder.AddFieldSpecification Method
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFieldSpecification(String, DateTime)</td>
<td>Method that creates a <strong>FieldSpecification</strong> object of type Date with the specified arguments and adds it to the list of <strong>FieldSpecifications</strong>.</td>
</tr>
<tr>
<td>AddFieldSpecification(String, Decimal)</td>
<td>Method that creates a <strong>FieldSpecification</strong> object of type Decimal with the specified arguments and adds it to the list of <strong>FieldSpecifications</strong>.</td>
</tr>
<tr>
<td>AddFieldSpecification(String, Int32)</td>
<td>Method that creates a <strong>FieldSpecification</strong> object of type Numeric with the specified arguments and adds it to the list of <strong>FieldSpecifications</strong>.</td>
</tr>
<tr>
<td>AddFieldSpecification(String, String)</td>
<td>Method that creates a <strong>FieldSpecification</strong> object of type Character with the specified arguments and adds it to the list of <strong>FieldSpecifications</strong>.</td>
</tr>
<tr>
<td>AddFieldSpecification(Fieldtypes, String, String)</td>
<td>Method that creates a <strong>FieldSpecification</strong> object with the specified arguments and adds it to the list of <strong>FieldSpecifications</strong>.</td>
</tr>
</tbody>
</table>
See Also

ItemSpecificationBuilder Class
ItemSpecificationBuilder Members
MultiArchive.SDK.ServiceUtils Namespace

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ItemSpecificationBuilder.AddFieldSpecification Method (String, DateTime)

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#**

```csharp
public void AddFieldSpecification(
    string maFieldType,
    DateTime fieldValue
)
```

**Visual Basic**

```vbnet
Public Sub AddFieldSpecification( 
    maFieldType As String,
    fieldValue As DateTime
)
```

**Visual C++**

```cpp
public:
void AddFieldSpecification( 
    String^ maFieldType,
    DateTime fieldValue
)
```

### Parameters

- **maFieldType**  
  Type: [System.String](https://docs.microsoft.com/en-us/dotnet/api/system.string)  
  [Missing <param name="maFieldType"/> documentation for "M:MultiArchive.SDK.ServiceUtils.ItemSpecificationBuilder.AddFieldSpecification(System.String,System.DateTime)"

- **fieldValue**  
  Type: [System.DateTime](https://docs.microsoft.com/en-us/dotnet/api/system.datetime)  

### Examples

**C#**

```csharp
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new ItemSpecificationBuilder();
    }
}
```
### Exceptions

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>System.ArgumentException</code></td>
<td>Throws an <code>ArgumentException</code> if either maFieldType or fieldValue are missing or empty.</td>
</tr>
</tbody>
</table>
See Also

ItemSpecificationBuilder Class
ItemSpecificationBuilder Members
AddFieldSpecification Overload
MultiArchive.SDK.ServiceUtils Namespace

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ItemSpecificationBuilder.AddFieldSpecification Method (String, Decimal)

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

[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.
### Syntax

<table>
<thead>
<tr>
<th>Syntax</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td></td>
</tr>
<tr>
<td><code>public void AddFieldSpecification(string maFieldType, decimal fieldValue)</code></td>
<td></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td></td>
</tr>
<tr>
<td><code>Public Sub AddFieldSpecification (maFieldType As String, fieldValue As Decimal)</code></td>
<td></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td></td>
</tr>
<tr>
<td><code>public: void AddFieldSpecification(String^ maFieldType, Decimal fieldValue)</code></td>
<td></td>
</tr>
</tbody>
</table>

### Parameters

* **maFieldType**
  Type: `System.String`

* **fieldValue**
  Type: `System.Decimal`
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new ItemSpecificationBuilder();
        myBuilder.AddFieldSpecification("urn:multiarchive:fieldType:A42:itemtype:CUSTOMER_LETTER:PRICE"
## Exceptions

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>System.ArgumentException</code></td>
<td>Throws an <code>ArgumentException</code> if either <code>maFieldType</code> or <code>fieldValue</code> are missing or empty.</td>
</tr>
</tbody>
</table>
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#

```csharp
public void AddFieldSpecification(
    string maFieldType,
    int fieldValue
)
```

### Visual Basic

```vbnet
Public Sub AddFieldSpecification (  
    maFieldType As String,
    fieldValue As Integer
)
```

### Visual C++

```cpp
public:
    void AddFieldSpecification(
        String^ maFieldType,
        int fieldValue
    )
```

## Parameters

- **maFieldType**
  - Type: `System.String`

- **fieldValue**
  - Type: `System.Int32`
Examples

C#

class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new ItemSpecificationBuilder();
        myBuilder.AddFieldSpecification("urn:multiarchive:fieldType:A42:itemtype:CUSTOMER_LETTER:CUSTNO" otherwise explanation
    }
}

## Exceptions

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>System.ArgumentException</code></td>
<td>Throws an <code>ArgumentException</code> if either maFieldType or fieldValue are missing or empty.</td>
</tr>
</tbody>
</table>
See Also

ItemSpecificationBuilder Class
ItemSpecificationBuilder Members
AddFieldSpecification Overload
MultiArchive.SDK.ServiceUtils Namespace

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ItemSpecificationBuilder.AddFieldSpecification Method (String, String)

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)
### Parameters

**maFieldType**
Type: `System.String`  
An URN representing the information being added.

**fieldValue**
Type: `System.String`  
The value being added to the FieldSpecification.
### Examples

<table>
<thead>
<tr>
<th>C#</th>
</tr>
</thead>
</table>
| ```csharp
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new ItemSpecificationBuilder();
    }
} ``` |
## Exceptions

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>System.ArgumentException</code></td>
<td>Throws an <code>ArgumentException</code> if either maFieldType or fieldValue are missing or empty.</td>
</tr>
</tbody>
</table>
See Also

ItemSpecificationBuilder Class
ItemSpecificationBuilder Members
AddFieldSpecification Overload
MultiArchive.SDK.ServiceUtils Namespace

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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#**

```csharp
public void AddFieldSpecification(
    Fieldtypes fieldType,
    string maFieldType,
    string fieldValue
)
```

**Visual Basic**

```vbnet
Public Sub AddFieldSpecification (
    fieldType As Fieldtypes,
    maFieldType As String,
    fieldValue As String
)
```

**Visual C++**

```cpp
public:
    void AddFieldSpecification(
        Fieldtypes fieldType,
        String^ maFieldType,
        String^ fieldValue
    )
```

**Parameters**

*fieldType*
Type: [Fieldtypes](#)

*maFieldtype*
Type: [System.String](#)

fieldValue
Type: System.String

### Examples

```csharp
class TestClass
{
    public static void Main()
    {
        ItemSpecificationBuilder myBuilder = new ItemSpecificationBuilder();
        myBuilderaddFieldSpecification(fieldtypes.numeric);
    }
}
```
### Exceptions

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>System.ArgumentException</code></td>
<td>Throws an <code>ArgumentException</code> if either maFieldType or fieldValue are missing or empty, or if the fieldValue does not correspond to the fieldType specified.</td>
</tr>
</tbody>
</table>
See Also

- ItemSpecificationBuilder Class
- ItemSpecificationBuilder Members
- AddFieldSpecification Overload
- MultiArchive.SDK.ServiceUtils Namespace

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ItemSpecificationBuilder.BuildItemSpecification Method

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#**

```csharp
public ItemSpecification BuildItemSpecification()
```

**Visual Basic**

```vbnet
Public Function BuildItemSpecification As ItemSpecification
```

**Visual C++**

```cpp
public:
ItemSpecification& BuildItemSpecification()
```

**Return Value**

Type: `ItemSpecification`

The return value of this method is an `ItemSpecification` object.
### Exceptions

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>System.ArgumentException</code></td>
<td>An <code>ArgumentException</code> is thrown if either the archive or ItemType is missing, or if no <code>ContentSpecifications</code> or <code>FieldSpecifications</code> are present.</td>
</tr>
</tbody>
</table>
See Also

ItemSpecificationBuilder Class
ItemSpecificationBuilder Members
MultiArchive.SDK.ServiceUtils Namespace

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[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#

```csharp
public void CheckFieldType(
    Fieldtypes fieldType,
    string maFieldType,
    string fieldValue
)
```

### Visual Basic

```vbnet
Public Sub CheckFieldType (  
    fieldType As Fieldtypes,
    maFieldType As String,
    fieldValue As String
)
```

### Visual C++

```cpp
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.
<table>
<thead>
<tr>
<th><strong>Exception</strong></th>
<th><strong>Condition</strong></th>
</tr>
</thead>
</table>
| `System.ArgumentException` | Throws an `ArgumentException` under the following circumstances:  
  - if the `fieldValue` is a numeric type but cannot be parsed as an integer.  
  - if the `fieldValue` is a decimal type but cannot be parsed as a decimal.  
  - when the specified date in `fieldValue` 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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ItemSpecificationBuilder.CheckParameter Method

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#

```csharp
public void CheckParameter(
    string parameterName,
    Object parameterValue
)
```

### Visual Basic

```vbnet
Public Sub CheckParameter (
    parameterName As String,
    parameterValue As Object
)
```

### Visual C++

```cpp
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

<table>
<thead>
<tr>
<th>Exception</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>System.ArgumentNullException</code></td>
<td>Throws an <code>ArgumentNullException</code> if the <code>parameterValue</code> is null.</td>
</tr>
<tr>
<td><code>System.ArgumentException</code></td>
<td>Throws an <code>ArgumentException</code> if the <code>parameterValue</code> is either an empty string or an empty list.</td>
</tr>
</tbody>
</table>
See Also

- ItemSpecificationBuilder Class
- ItemSpecificationBuilder Members
- MultiArchive.SDK.ServiceUtils Namespace

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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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Archive</td>
<td>Property for holding the archive URN.</td>
</tr>
<tr>
<td>ExternalID</td>
<td>Property for holding the external ID.</td>
</tr>
<tr>
<td>ItemType</td>
<td>Property for holding the itemtype URN.</td>
</tr>
</tbody>
</table>
See Also

ItemSpecificationBuilder Class
MultiArchive.SDK.ServiceUtils Namespace

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ItemSpecificationBuilder.Archive Property

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)

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td>public string Archive { get; set; }</td>
</tr>
</tbody>
</table>
| **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
ItemSpecificationBuilder.ExternalID Property

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td>public string ExternalID { get; set; }</td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td>Public Property ExternalID As String</td>
</tr>
<tr>
<td></td>
<td>Get</td>
</tr>
<tr>
<td></td>
<td>Set</td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td>public: property String^ ExternalID {</td>
</tr>
<tr>
<td></td>
<td>String^ get ();</td>
</tr>
<tr>
<td></td>
<td>void set (String^ value);</td>
</tr>
<tr>
<td></td>
<td>}</td>
</tr>
</tbody>
</table>

### Property Value

Type: **String**
See Also

ItemSpecificationBuilder Class
ItemSpecificationBuilder Members
MultiArchive.SDK.ServiceUtils Namespace

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ItemSpecificationBuilder.ItemType Property

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#

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

#### Visual Basic

```vbnet
Public Property ItemType As String
    Get
        Item
    Set
        Item
```

#### Visual C++

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

### Property Value

Type: [String](https://learn.microsoft.com/en-us/dotnet/api/system.string)
MultiArchiveComponentType Enumeration

[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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public enum MultiArchiveComponentType</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Enumeration MultiArchiveComponentType</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public enum class MultiArchiveComponentType</code></td>
</tr>
</tbody>
</table>
# Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>folder</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>item</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>content</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>
See Also

MultiArchive.SDK.ServiceUtils Namespace

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SDKTransportProtocol Enumeration

[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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public enum SDKTransportProtocol</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Enumeration SDKTransportProtocol</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public enum class SDKTransportProtocol</code></td>
</tr>
</tbody>
</table>
### Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Http</td>
<td>0</td>
<td>Http</td>
</tr>
<tr>
<td>Https</td>
<td>1</td>
<td>Https</td>
</tr>
</tbody>
</table>
See Also

MultiArchive.SDK.ServiceUtils Namespace

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SubComponentWrapper Class

[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)
<table>
<thead>
<tr>
<th>Syntax</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
</tr>
<tr>
<td><code>public class SubComponentWrapper</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
</tr>
<tr>
<td><code>Public Class SubComponentWrapper</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
</tr>
<tr>
<td><code>public ref class SubComponentWrapper</code></td>
</tr>
</tbody>
</table>
Inheritance Hierarchy

System.Object
MultiArchive.SDK.ServiceUtils.SubComponentWrapper
See Also

SubComponentWrapper Members
MultiArchive.SDK.ServiceUtils Namespace

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SubComponentWrapper Members

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

The SubComponentWrapper type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SubComponentWrapper</td>
<td>Initializes a new instance of the SubComponentWrapper class</td>
</tr>
</tbody>
</table>
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>Equals</code></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><code>Finalize</code></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><code>GetContentDescriptionType</code></td>
<td></td>
</tr>
<tr>
<td><code>GetFolderDescriptionType</code></td>
<td></td>
</tr>
<tr>
<td><code>GetFromFolderDescriptionType</code></td>
<td></td>
</tr>
<tr>
<td><code>GetFromItemDescriptionType</code></td>
<td></td>
</tr>
<tr>
<td><code>GetHashCode</code></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><code>GetItemDescriptionType</code></td>
<td></td>
</tr>
<tr>
<td><code>GetType</code></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><code>MemberwiseClone</code></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td><code>ToString</code></td>
<td>(Inherited from <code>Object</code>.)</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>componentType</td>
<td></td>
</tr>
<tr>
<td>Content</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td></td>
</tr>
<tr>
<td>EndPointType</td>
<td></td>
</tr>
<tr>
<td>Extension</td>
<td></td>
</tr>
<tr>
<td>itemType</td>
<td></td>
</tr>
<tr>
<td>Label</td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td></td>
</tr>
<tr>
<td>LengthSpecified</td>
<td></td>
</tr>
<tr>
<td>MimeType</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td></td>
</tr>
<tr>
<td>OriginalName</td>
<td></td>
</tr>
<tr>
<td>SequenceNumber</td>
<td></td>
</tr>
<tr>
<td>URN</td>
<td></td>
</tr>
</tbody>
</table>
See Also

SubComponentWrapper Class
MultiArchive.SDK.ServiceUtils Namespace

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SubComponentWrapper Constructor

```
[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#

```csharp
public SubComponentWrapper(
    SubComponent component
)
```

### Visual Basic

```vbnet
Public Sub New (
    component As SubComponent
)
```

### Visual C++

```cpp
public: 
SubComponentWrapper(
    SubComponent^ component
)
```

## Parameters

*component*

Type: **SubComponent**

[Missing `<param name="component"/>` documentation for "M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.ctor(MultiA..."
SubComponentWrapper Methods

See Also Send Feedback

[This is preliminary documentation and is subject to change.]
The SubComponentWrapper type exposes the following members.
## Methods

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equals</td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>Finalize</td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>GetContentDescriptionType</td>
<td></td>
</tr>
<tr>
<td>GetFolderDescriptionType</td>
<td></td>
</tr>
<tr>
<td>GetFromFolderDescriptionType</td>
<td></td>
</tr>
<tr>
<td>GetFromItemDescriptionType</td>
<td></td>
</tr>
<tr>
<td>GetHashCode</td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>GetItemDescriptionType</td>
<td></td>
</tr>
<tr>
<td>GetType</td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>MemberwiseClone</td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
<tr>
<td>ToString</td>
<td>(Inherited from <a href="#">Object</a>.)</td>
</tr>
</tbody>
</table>
See Also

SubComponentWrapper Class
MultiArchive.SDK.ServiceUtils Namespace

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SubComponentWrapper.GetContentDescriptionType Method

Namespace: MultiArchive.SDK.ServiceUtils
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
## Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public ContentDescriptionType GetContentDescriptionType()</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Function GetContentDescriptionType As ContentDescriptionType</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: ContentDescriptionType^ GetContentDescriptionType()</code></td>
</tr>
</tbody>
</table>

### Return Value

Type: `ContentDescriptionType`

[Missing <returns> documentation for "M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.GetContentDescriptionType()" ]
See Also

SubComponentWrapper Class
SubComponentWrapper Members
MultiArchive.SDK.ServiceUtils Namespace

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


Namespace: MultiArchive.SDK.ServiceUtils
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)
### Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C#</td>
<td><code>public FolderDescriptionType GetFolderDescriptionType()</code></td>
</tr>
<tr>
<td>Visual Basic</td>
<td><code>Public Function GetFolderDescriptionType As FolderDescriptionType()</code></td>
</tr>
<tr>
<td>Visual C++</td>
<td><code>public: FolderDescriptionType^ GetFolderDescriptionType()</code></td>
</tr>
</tbody>
</table>

### Return Value
Type: `FolderDescriptionType`

[Missing `<returns>` documentation for "M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.GetFolderDescriptionType"]

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.GetFromFolderDescriptionType"

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.GetFromItemDescriptionType"

Namespace: MultiArchive.SDK.ServiceUtils
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413
(1.2.30.413)
## Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public ItemDescriptionType GetFromItemDescriptionType()</code></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Function GetFromItemDescriptionType As ItemDescriptionType</code></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: ItemDescriptionType^ GetFromItemDescriptionType()</code></td>
</tr>
</tbody>
</table>

### Return Value

Type: `ItemDescriptionType`

[Missing <returns> documentation for "M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.GetFromItemDescriptionType"]
See Also

SubComponentWrapper Class
SubComponentWrapper Members
MultiArchive.SDK.ServiceUtils Namespace

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SubComponentWrapper.GetItemDescriptionType Method

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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>C#</td>
<td><code>public ItemDescriptionType GetItemDescriptionType()</code></td>
</tr>
<tr>
<td>Visual Basic</td>
<td><code>Public Function GetItemDescriptionType As ItemDescriptionType()</code></td>
</tr>
<tr>
<td>Visual C++</td>
<td><code>public: ItemDescriptionType^ GetItemDescriptionType()</code></td>
</tr>
</tbody>
</table>

### Return Value

Type: `ItemDescriptionType`

[Missing `<returns>` documentation for "M:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.GetItemDescriptionType""]
See Also

SubComponentWrapper Class
SubComponentWrapper Members
MultiArchive.SDK.ServiceUtils Namespace

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The `SubComponentWrapper` type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>componentType</td>
<td></td>
</tr>
<tr>
<td>Content</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td></td>
</tr>
<tr>
<td>EndPointType</td>
<td></td>
</tr>
<tr>
<td>Extension</td>
<td></td>
</tr>
<tr>
<td>itemType</td>
<td></td>
</tr>
<tr>
<td>Label</td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td></td>
</tr>
<tr>
<td>LengthSpecified</td>
<td></td>
</tr>
<tr>
<td>MimeType</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td></td>
</tr>
<tr>
<td>OriginalName</td>
<td></td>
</tr>
<tr>
<td>SequenceNumber</td>
<td></td>
</tr>
<tr>
<td>URN</td>
<td></td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td>public MultiArchiveComponentType componentType { get; }</td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td>Public Property componentType As MultiArchiveComponentType</td>
</tr>
<tr>
<td></td>
<td>Get</td>
</tr>
<tr>
<td></td>
<td>Set</td>
</tr>
</tbody>
</table>
| **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

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

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

[Missing <summary> documentation for "P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.Content"]
## Syntax

**C#**

```csharp
public base64Binary Content { get; set; }
```

**Visual Basic**

```vbnet
Public Property Content As base64Binary
    Get
    Set
```

**Visual C++**

```cpp
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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MultiArchive SDK .NET Documentation

SubComponentWrapper.Date Property

[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#**

```csharp
public DateTime Date { get; set; }
```

**Visual Basic**

```vbnet
Public Property Date As DateTime
    Get
        Date
    End Get
    Set
        Date = value
    End Set
End Property
```

**Visual C++**

```cpp
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

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td>public string EndPointType { get; set; }</td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td>Public Property EndPointType As String</td>
</tr>
<tr>
<td></td>
<td>Get</td>
</tr>
<tr>
<td></td>
<td>Set</td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td>public: property String^ EndPointType {</td>
</tr>
<tr>
<td></td>
<td>String^ get ();</td>
</tr>
<tr>
<td></td>
<td>void set (String^ value);</td>
</tr>
</tbody>
</table>

### Property Value

Type: *String*
SubComponentWrapper.Extension Property

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


Namespace: MultiArchive.SDK.ServiceUtils
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
### Syntax

<table>
<thead>
<tr>
<th>C#</th>
<th>Visual Basic</th>
<th>Visual C++</th>
</tr>
</thead>
</table>
| public string Extension { get; set; } | Public Property Extension As String  
  Get 
  Set | 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

[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#

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

#### Visual Basic

```vbnet
Public Property itemType As String
  Get
  Set
```

#### Visual C++

```cpp
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

[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

<table>
<thead>
<tr>
<th>C#</th>
<th>Visual Basic</th>
<th>Visual C++</th>
</tr>
</thead>
</table>
| public string Label { get; set; } | Public Property Label As String Get Set | 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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[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

<table>
<thead>
<tr>
<th>C#</th>
<th>Visual Basic</th>
<th>Visual C++</th>
</tr>
</thead>
</table>
| public Nullable<long> Length { get; set; } | Public Property Length As Nullable(Of Long) Get Set | 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.LengthSpecifie

Namespace:  MultiArchive.SDK.ServiceUtils

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td></td>
</tr>
<tr>
<td><code>public bool LengthSpecified { get; set; }</code></td>
<td></td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td></td>
</tr>
<tr>
<td><code>Public Property LengthSpecified As Boolean</code></td>
<td></td>
</tr>
<tr>
<td>Get</td>
<td></td>
</tr>
<tr>
<td>Set</td>
<td></td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td></td>
</tr>
</tbody>
</table>
| `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

[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#

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

### Visual Basic

```vbnet
Public Property MimeType As String
    Get
    Set
```

### Visual C++

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

### Property Value

Type: `String`
SubComponentWrapper.Name Property

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

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

[Missing <summary> documentation for "P:MultiArchive.SDK.ServiceUtils.SubComponentWrapper.Name"]
### Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public string Name { get; set; }</code></td>
</tr>
</tbody>
</table>
| **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`
SubComponentWrapper.OriginalName Property

Namespace: MultiArchive.SDK.ServiceUtils
Assembly: MultiArchive.SDK (in MultiArchive.SDK.dll) Version: 1.2.30.413 (1.2.30.413)
### Syntax

**C#**

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

**Visual Basic**

```vbnet
Public Property OriginalName As String
    Get
    Set
```

**Visual C++**

```cpp
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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SubComponentWrapper.SequenceNumber Property

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

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

### Syntax

<table>
<thead>
<tr>
<th>Language</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C#</strong></td>
<td><code>public int SequenceNumber { get; set; }</code></td>
<td>C# syntax for defining a property</td>
</tr>
<tr>
<td><strong>Visual Basic</strong></td>
<td><code>Public Property SequenceNumber As Integer Get Set</code></td>
<td>Visual Basic syntax for defining a property</td>
</tr>
<tr>
<td><strong>Visual C++</strong></td>
<td><code>public: property int SequenceNumber { int get (); void set (int value); }</code></td>
<td>Visual C++ syntax for defining a property</td>
</tr>
</tbody>
</table>

### Property Value

**Type:** Int32
See Also

SubComponentWrapper Class
SubComponentWrapper Members
MultiArchive.SDK.ServiceUtils Namespace

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SubComponentWrapper.URN Property

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[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)
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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