

# Property Object

## Description

Object that represents a Property. See the article in the overviews section.

## Methods

Name	Description
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<a href="#">Delete</a>	Method that deletes this Property from its PropertySet.
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## Properties

Name	Description
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<a href="#">Dirty</a>	Property that returns a Boolean flag that indicates whether this property has been edited or created.
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<a href="#">DisplayName</a>	Gets/Sets the human-readable name associated with this Property.
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<a href="#">Expression</a>	Gets/Sets expression that defines the value of this property.
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<a href="#">Name</a>	Gets the human-readable name of this Property, if any.
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<a href="#">Parent</a>	Property that returns the parent object from whom this object can logically be reached.
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<a href="#">PropId</a>	Gets the identifier (PROPID) of this Property.
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<a href="#">Type</a>	Returns an ObjectTypeEnum indicating this object's type.
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<a href="#">Value</a>	Gets/Sets the value of this Property.
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## Accessed From

[PropertySet.Add](#), [PropertySet.Item](#), [PropertySet.ItemByPropId](#)

## Samples

Name	Description
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<a href="#">Create or update custom iProperty</a>	This example creates a custom iProperty if it doesn't exist and updates the value if it does already exist. A part document must be open before running the sample.
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<a href="#">Get value of iProperty</a>	Demonstrates getting the values of the "Part Number" iProperty. Any property can be retrieved by accessing the correct property set and property.
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A document must be open when this sample is run.

## Version

Introduced in version 4

# Property.Delete Method

Parent Object: [Property](#)

## Description

Method that deletes this Property from its PropertySet.

## Syntax

Property.**Delete**()

## Version

Introduced in version 4

# Property.Dirty Property

Parent Object: [Property](#)

## Description

Property that returns a Boolean flag that indicates whether this property has been edited or created.

## Syntax

Property.**Dirty**() As Boolean

## Property Value

This is a read only property whose value is a Boolean.

## Version

Introduced in version 4

# Property.DisplayName Property

Parent Object: [Property](#)

## Description

Gets/Sets the human-readable name associated with this Property.

## Syntax

Property.DisplayName() As String

## Property Value

This is a read/write property whose value is a String.

## Version

Introduced in version 6

# Property.Expression Property

Parent Object: [Property](#)

## Description

Gets/Sets expression that defines the value of this property.

## Syntax

Property.Expression() As String

## Property Value

This is a read/write property whose value is a String.

## Version

Introduced in version 2008

# Property.Name Property

Parent Object: [Property](#)

## Description

Gets the human-readable name of this Property, if any.

## Syntax

Property.**Name**() As String

## Property Value

This is a read only property whose value is a String.

## Version

Introduced in version 4

# Property.Parent Property

Parent Object: [Property](#)

## Description

Property that returns the parent object from whom this object can logically be reached.

## Syntax

Property.**Parent**() As [PropertySet](#)

## Property Value

This is a read only property whose value is a [PropertySet](#).

## Version

Introduced in version 4

# Property.PropId Property

Parent Object: [Property](#)

## Description

Gets the identifier (PROPID) of this Property.

## Syntax

Property.**PropId**() As Long

## Property Value

This is a read only property whose value is a Long.

## Version

Introduced in version 4

# Property.Type Property

Parent Object: [Property](#)

## Description

Returns an ObjectTypeEnum indicating this object's type.

## Syntax

Property.**Type**() As [ObjectTypeEnum](#)

## Property Value

This is a read only property whose value is an [ObjectTypeEnum](#).

## Version

Introduced in version 4

# Property.Value Property

Parent Object: [Property](#)

## Description

Gets/Sets the value of this Property.

## Syntax

Property.Value() As Variant

## Property Value

This is a read/write property whose value is a Variant.

## Samples

Name	Description
<a href="#">Using the BOM APIs</a>	This sample demonstrates the Bill of Materials API functionality in assemblies.
<a href="#">Update iProperty values using Apprentice</a>	Updates some iProperty values using Apprentice. The document specified in the code for the Open method must exist.
<a href="#">Create or update custom iProperty</a>	This example creates a custom iProperty if it doesn't exist and updates the value if it does already exist. A part document must be open before runnin the sample.
<a href="#">Get value of iProperty</a>	Demonstrates getting the values of the "Part Number" iProperty. Any property can be retrieved by accesing the correct property set and property.  A document must be open when this sample is run.

## Version

Introduced in version 4