

# Property Object

## Description

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

## Methods

Name	Description
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[Delete](#) Method that deletes this Property from its PropertySet.

## Properties

Name	Description
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[Dirty](#) Property that returns a Boolean flag that indicates whether this property has been edited or created.

[DisplayName](#) Gets/Sets the human-readable name associated with this Property.

[Expression](#) Gets/Sets expression that defines the value of this property.

[Name](#) Gets the human-readable name of this Property, if any.

[Parent](#) Property that returns the parent object from whom this object can logically be reached.

[PropId](#) Gets the identifier (PROPID) of this Property.

[Type](#) Returns an ObjectTypeEnum indicating this object's type.

[Value](#) Gets/Sets the value of this Property.

## Accessed From

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

## Samples

Name	Description
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[Create or update custom iProperty](#) 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.

[Get value of iProperty](#) Demonstrates getting the values of the "Part Number" iProperty. Any property can be retrieved by accessing the correct property set and property.

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