

NamedObject

Description

A `NamedObject` object may refer to an array, number, picture, or range. To create a `NamedObject` in an Excel file, use the corresponding method for the specific object you wish to create ([Pictures.CreatePicture\(\)](#), [Workbook.CreateRange\(\)](#), etc). To get a `NamedObject` from an existing file, use [Workbook.GetNamedObject\(\)](#), passing in the name of the object you wish to get.

C#

```
public sealed class NamedObject
```

vb.net

```
Public NotInheritable Class NamedObject
```

Examples

The following sample gets a `NamedObject` from a [Workbook](#).

C#

```
ExcelApplication xla = new ExcelApplication();  
Workbook wb = xla.Open(@"C:\MySpreadsheet.xls");  
NamedObject namedObj = wb.GetNamedObject("MyNamedObject");
```

vb.net

```
Dim xla As New ExcelApplication()  
Dim wb As Workbook = xla.Open("C:\MySpreadsheet.xls")  
Dim namedObj As NamedObject = wb.GetNamedObject("MyNamedObject")
```

Properties

Name	Description
Formula	If the NamedObject refers to a named range, Formula returns the formula associated with the range, e.g. <code>"=Sheet1!A1:G10"</code> .
Name	Returns the name string that the specified NamedObject object represents.
NamedObjectType	Returns the type of object that the NamedObject refers to.
NameScope	Returns the scope of the name, relative to the Excel workbook.

Value	Returns the object referenced by this NamedObject . The object may be of any of the following types: Range, Picture, Array, Number. To determine the object type, use NamedObject.Type .
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Nested Classes

Name	Description
BuiltInName	The BuiltInName class contains all built-in object names.
ReturnType	A ReturnType value specifies the type of object a NamedObject refers to.
Scope	A Scope value specifies the scope of the object that a NamedObject refers to.

Remarks

Named objects with type `ReturnType.Range` can also be accessed (as `Range` objects) through the `Workbook.GetNamedRange` and `Worksheet.GetNamedRange` methods. These objects will change their value like other ranges in response to adding or deleting rows, and other similar actions.

Named objects with type `ReturnType.Formula` and `ReturnType.ExternalReference`, though they may contain formulas with cell references, will not respond to such actions.