

Chart

Description

The [Chart](#) class represents an Excel chart. It is the main class for code-based chart creation and modification.

C#

```
public sealed class Chart
```

vb.net

```
Public NotInheritable Class Chart
```

Remarks

To create a `Chart` object:

Properties

Name	Description
CategoryAxis	Returns a CategoryAxis object representing the chart's X axis.
ChartArea	Returns a ChartRegion object, representing the chart area in the worksheet. The chart area is the entire area within the worksheet assigned to the chart.
ChartSettings3D	Returns a ChartSettings3D object representing the properties of a three-dimensional chart.
ChartType	Sets or returns the chart's type (Area, Column, Bubble, etc.).
DataTable	For all chart types except Pie, Doughnut, Bubble, and Surface, DataTable returns a ChartDataTable object, representing a chart's data table.
Height	Sets or returns the height of the chart, in points (1/72 inch).
Legend	Returns a Legend object, representing the chart's legend.
Name	Sets or returns the name of the chart.
ObjectPositioning	Sets or returns the ObjectPositioning value that determines the chart's resize and reposition behavior when the cells in the worksheet are changed.
PageSetup	Returns the ChartPageSetup object for this chart.
PlotArea	Returns a ChartRegion object, representing the chart's plot area, the area of the chart itself.
Position	Sets or returns the chart's position in the worksheet.
PositionInCollection	Returns the 0-based position in the parent Charts collection. If this Chart is on its own Chartsheet, then this will return 0.

ScatterValueAxis	Returns a ValueAxis object representing the chart's scatter values on the X axis.
SecondaryCategoryAxis	Returns a CategoryAxis object, representing a chart's secondary X axis.
SecondaryValueAxis	Returns a ValueAxis object, representing a chart's secondary Y axis.
SeriesCollection	Returns a SeriesCollection object representing the set of data series in the chart.
ShowRoundedCorners	Sets or returns whether the chart area will be sharp-cornered or round-cornered.
Title	Returns a ChartText object representing the chart's title.
ValueAxis	Returns a ValueAxis object, representing a chart's Y axis.
Width	Sets or returns the width of the chart, in points (1/72 inch).
ZCategoryAxis	Returns a CategoryAxis object representing the chart's category values on the Z axis.

Methods

Name	Description
MoveChart (Chart.ChartLocation, Int32)	Moves the chart to a different worksheet. The method specifies whether the chart should be inserted as an object within the worksheet, or converted to a chart sheet.
MoveChart (Chart.ChartLocation, Int32, Anchor)	Moves the chart to a different worksheet. The method specifies whether the chart should be inserted as an object within the worksheet, or converted to a chart sheet.
MoveChart (Chart.ChartLocation, String)	Moves the chart to a different worksheet. The method specifies whether the chart should be inserted as an object within the worksheet, or converted to a chart sheet.
MoveChart (Chart.ChartLocation, String, Int32)	Moves the chart to a different worksheet. The method specifies whether the chart should be inserted as an object within the worksheet, or converted to a chart sheet.

Nested Classes

Name	Description
ChartLocation	A ChartLocation value specifies whether a chart should be an object within a worksheet, or converted to a chart sheet.