

# 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
<a href="#">CategoryAxis</a>	Returns a <a href="#">CategoryAxis</a> object representing the chart's X axis.
<a href="#">ChartArea</a>	Returns a <a href="#">ChartRegion</a> object, representing the chart area in the worksheet. The chart area is the entire area within the worksheet assigned to the chart.
<a href="#">ChartSettings3D</a>	Returns a <a href="#">ChartSettings3D</a> object representing the properties of a three-dimensional chart.
<a href="#">ChartType</a>	Sets or returns the chart's type (Area, Column, Bubble, etc.).
<a href="#">DataTable</a>	For all chart types except Pie, Doughnut, Bubble, and Surface, <a href="#">DataTable</a> returns a <a href="#">ChartDataTable</a> object, representing a chart's data table.
<a href="#">Height</a>	Sets or returns the height of the chart, in points (1/72 inch).
<a href="#">Legend</a>	Returns a <a href="#">Legend</a> object, representing the chart's legend.
<a href="#">Name</a>	Sets or returns the name of the chart.
<a href="#">ObjectPositioning</a>	Sets or returns the <a href="#">ObjectPositioning</a> value that determines the chart's resize and reposition behavior when the cells in the worksheet are changed.
<a href="#">PageSetup</a>	Returns the <a href="#">ChartPageSetup</a> object for this chart.
<a href="#">PlotArea</a>	Returns a <a href="#">ChartRegion</a> object, representing the chart's plot area, the area of the chart itself.
<a href="#">Position</a>	Sets or returns the chart's position in the worksheet.
<a href="#">PositionInCollection</a>	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 <a href="#">ValueAxis</a> object representing the chart's scatter values on the X axis.
SecondaryCategoryAxis	Returns a <a href="#">CategoryAxis</a> object, representing a chart's secondary X axis.
SecondaryValueAxis	Returns a <a href="#">ValueAxis</a> object, representing a chart's secondary Y axis.
SeriesCollection	Returns a <a href="#">SeriesCollection</a> 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 <a href="#">ChartText</a> object representing the chart's title.
ValueAxis	Returns a <a href="#">ValueAxis</a> object, representing a chart's Y axis.
Width	Sets or returns the width of the chart, in points (1/72 inch).
ZCategoryAxis	Returns a <a href="#">CategoryAxis</a> object representing the chart's category values on the Z axis.

## Methods

Name	Description
<a href="#">MoveChart</a> (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.
<a href="#">MoveChart</a> (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.
<a href="#">MoveChart</a> (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.
<a href="#">MoveChart</a> (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
<a href="#">ChartLocation</a>	A <a href="#">ChartLocation</a> value specifies whether a chart should be an object within a worksheet, or converted to a chart sheet.