

# ErrorBar

## Description

An [ErrorBar](#) object represents the error bars on a series. Error bars graphically express potential error amounts relative to each data marker in a data series. You can add error bars to data series in two-dimensional area, bar, column, line, scatter, and bubble charts. In scatter and bubble charts, you can display error bars for x values, y values, or both.

### C#

```
public sealed class ErrorBar
```

### vb.net

```
Public NotInheritable Class ErrorBar
```

## Remarks

You can use the [Series.ErrorBarY](#) or [Series.ErrorBarX](#) properties to get an `ErrorBar` object representing the vertical or horizontal error bars, respectively.

## Properties

Name	Description
<a href="#">CustomMinusFormula</a>	Sets or returns the formula specifying where to find the negative error value.
<a href="#">CustomPlusFormula</a>	Sets or returns the formula specifying the positive error value.
<a href="#">Direction</a>	Sets or returns the <a href="#">BarDirection</a> in which the error bars will be displayed.
<a href="#">Line</a>	Returns the <a href="#">ChartLine</a> object used to format the appearance of the error bar's line.
<a href="#">TShaped</a>	Sets or returns whether the error bars will be T shaped.
<a href="#">Value</a>	Sets or returns the error amount. The meaning of this value is dependent on the value of <a href="#">ErrorBar.ValueType</a> .
<a href="#">ValueType</a>	Sets or returns the <a href="#">type of value</a> to use as the error amount. Depending on the error type, the amount may be a fixed value, percentage, standard deviation, standard error, or a custom value.

## Nested Classes

Name	Description
<a href="#">BarDirection</a>	The <a href="#">BarDirection</a> class is used to determine which direction or directions error bars will be displayed in.
<a href="#">ErrorValueType</a>	The <a href="#">ErrorValueType</a> is used in the <a href="#">ErrorBar.ValueType</a> property to specify how the error value is determined.