

# XY Documentation

## Specification

### Essential

seriesList	list
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**Choose 1 out of 3** (depends on the type of graph you want)

categoryField	string	
categoryXField	string	
categoryYField	string	
xLabels	list	Required for heatmap
yLabels	list	Required for heatmap

### Not essential

showMinMax	boolean
minimum	integer
maximum	integer
width	integer
height	integer

toolTip	string	Example: "{categoryX}: [bold] ({value})"
labelText	string	Example: "{categoryX}: [bold] ({value})"
legendText	string	

Example: "{value}: [bold] {valuePercentTotal.formatNumber('0.00')}%[/] ({category})"

showLabelBullets	boolean
showTooltip	boolean
showLegend	Boolean

## Series

valueField	string	<b>Required</b>
type	string	possible values: "column" (default), "bar", "line", "chart"
fill	string	Hex or rgb(a) value e.g: "#ff0000" or "rgba(255,0,0,0.5)"
stroke	string	Hex or rgb(a) value e.g: "#ff0000" or "rgba(255,0,0,0.5)"
stacked	Boolean	

### Types:

#### Column

#### Required parameters:

valueField  
specification.categoryXField

#### Description:

Column is the default type for series. It can be used in combination with other columns and

line series. Columns can be stacked.

#### Line

**Required parameters:**

valueField

specification.categoryXField

**Description:**

Line can be used in combination with other line and column series.

#### Bar

**Required parameters:**

valueField

specification.categoryYField

**Description:**

Bar is a horizontal oriented series. It can only be used in combination with other bar series that can be stacked.

#### Heat

**Required parameters:**

valueField

specification.categoryXField

specification.categoryYField

specification.xLabels

specification.yLabels

**Description:**

Creates a heatmap of rectangles that have a background color on a scale between a min and a max color (default is yellow to red). Heatmap needs to be the only series in the chart.