

Table 4.1 SG Annotation Functions, Variables, and Their Values

	Text	TextCont	Arrow	Line	Polygon	PolyLine	PolyCont	Oval	Rectangle	Image
Anchor= <i>anchor</i>	O	.	.	.	.	.	.	.	O	O
Border=True | False	O	.	.	.	.	.	.	.	.	O
CornerRadius= <i>numeric</i>	.	.	.	.	.	.	.	.	O	.
Direction=Both | In | Out	.	.	O	.	.	.	.	.	.	.
DiscreteOffset= <i>numeric</i>	O	.	O	O	O	O	.	O	O	O
Display=All | Fill | Outline	.	.	.	.	O	.	.	O	O	.
DrawSpace= <i>space</i>	O	.	O	O	O	O	.	O	O	O
FillColor= <i>character</i>	O	.	.	.	O	.	.	O	O	.
FillStyleElement= <i>character</i>	.	.	.	.	O	.	.	O	O	.
FillTransparency= <i>numeric</i>	O	.	.	.	O	.	.	O	O	.
Height= <i>numeric</i>	.	.	.	.	.	.	.	R	R	O
HeightUnit= <i>unit</i>	.	.	.	.	.	.	.	O	O	O
Image= <i>character</i>	.	.	.	.	.	.	.	.	.	R
ImageScale= <i>fit</i>	.	.	.	.	.	.	.	.	.	O
Justify=Center | Left | Right	O	.	.	.	.	.	.	.	.	.
Label= <i>character</i>	R	R	.	.	.	.	.	.	.	.
Layer=Back | Front	O	.	O	O	O	O	.	O	O	O
LineColor= <i>character</i>	O	.	O	O	O	O	.	O	O	O
LinePattern= <i>pattern</i>	O	.	O	O	O	O	.	O	O	O
LineStyleElement= <i>character</i>	O	.	O	O	O	O	.	O	O	O
LineThickness= <i>numeric</i>	O	.	O	O	O	O	.	O	O	O
Rotate= <i>degrees</i>	O	.	.	.	.	.	.	O	O	O
Scale= <i>numeric</i>	.	.	O	.	.	.	.	.	.	.
Shape= <i>shape</i>	.	.	O	.	.	.	.	.	.	.
TextSize= <i>numeric</i>	O	O	.	.	.	.	.	.	.	.
TextColor= <i>character</i>	O	O	.	.	.	.	.	.	.	.
TextFont= <i>character</i>	O	O	.	.	.	.	.	.	.	.
TextStyle=Italic | Normal	O	O	.	.	.	.	.	.	.	.
TextStyleElement= <i>character</i>	O	O	.	.	.	.	.	.	.	.
TextWeight=Bold | Normal	O	O	.	.	.	.	.	.	.	.
Transparency= <i>numeric</i>	O	.	O	O	O	O	.	O	O	O
URL= <i>character</i>	O	.	O	O	O	O	.	O	O	O
Width= <i>numeric</i>	O	.	.	.	.	.	.	R	R	O
WidthUnit= <i>unit</i>	O	.	.	.	.	.	.	O	O	O
x1= <i>numeric</i>	O	.	1	1	1	1	1	1	1	O
x1Space= <i>space</i>	O	.	O	O	O	O	.	O	O	O
x2= <i>numeric</i>	.	.	2	2	.	.	.	.	.	.
x2Space= <i>space</i>	.	.	O	O	.	.	.	.	.	.
xAxis= X | X2	O	.	O	O	O	O	.	O	O	O
xC1= <i>character</i>	O	.	1	1	1	1	1	1	1	O
xC2= <i>character</i>	.	.	2	2	.	.	.	.	.	.
y1= <i>numeric</i>	O	.	1	1	1	1	1	1	1	O
y1Space= <i>space</i>	O	.	O	O	O	O	.	O	O	O
y2= <i>numeric</i>	.	.	2	2	.	.	.	.	.	.
y2Space= <i>space</i>	.	.	O	O	.	.	.	.	.	.
yAxis= Y | Y2	O	.	O	O	O	O	.	O	O	O
yC1= <i>character</i>	O	.	1	1	1	1	1	1	1	O
yC2= <i>character</i>	.	.	2	.	.	.	.	.	.	.

The column headers are functions, and the row labels are variables and values. All names and values are case-insensitive. Default values are displayed in bold. Many of the values in the table provide links to examples. Examples exist for every function and variable, but not for every combination. Most variables behave in obvious ways for other functions.

R Required.

1 Either x1 or xC1 is required, and either y1 or yC1 is required.

2 Either x2 or xC2 is required, and either y2 or yC2 is required.

O Optional.

anchor TopLeft | Top | TopRight | Right | BottomRight | Bottom | BottomLeft | Left | **Center**

fit Fit | FitHeight | FitWidth | Tile

shape Barbed | Closed | Filled | **Open**

space DataPercent | DataPixel | DataValue | **GraphPercent** | GraphPixel | LayoutPercent | LayoutPixel | WallPercent | WallPixel
The drawing space cannot be changed by PolyCont and TextCont.

unit Data | **Percent** | Pixel