

Text Methods

Text(anchorPoint, string)

Constructs a text object that displays the given string centered at anchorPoint. The text is displayed horizontally.

setText(string)

Sets the text of the object to string.

getText()

Returns the current string.

getAnchor()

Returns a clone of the anchor point.

setFace(family)

Changes the font face to the given family. Possible values are 'helvetica', 'courier', 'times roman', and 'arial'.

setSize(point)

Changes the font size to the given point size. Sizes from 5 to 36 points are legal.

setStyle(style)

Changes font to the given style. Possible values are: 'normal', 'bold', 'italic', and 'bold italic'.

setTextColor(color)

Sets the color of the text to color. Note: setFill has the same effect.

Line Methods

Line(point1, point2)

Constructs a line segment from point1 to point2.

setArrow(string)

Sets the arrowhead status of a line. Arrows may be drawn at either the first point, the last point, or both. Possible values of string are 'first', 'last', 'both', and 'none'. The default setting is 'none'.

getCenter()

Returns a clone of the midpoint of the line segment.

getP1(), getP2()

Returns a clone of the corresponding endpoint of the segment.

Rectangle Methods

Rectangle(point1, point2)

Constructs a rectangle having opposite corners at point1 and point2.

getCenter()

Returns a clone of the center point of the rectangle.

getP1(), getP2()

Returns a clone of corner points originally used to construct the rectangle.

Circle Methods

Circle(centerPoint, radius)

Constructs a circle with given center point and radius.

getCenter()

Returns a clone of the center point of the circle.

getRadius()

Returns the radius of the circle.

getP1(), getP2()

Returns a clone of the corresponding corner of the circle's bounding box. These are opposite corner points of a square that circumscribes the circle.

Point Methods

Point(x,y)

Constructs a point having the given coordinates.

getX()

Returns the *x* coordinate of a point.

getY()

Returns the *y* coordinate of a point.