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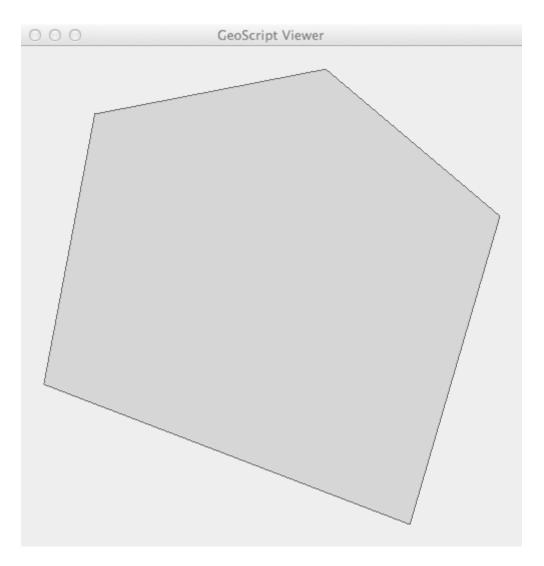
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Viewer Recipes

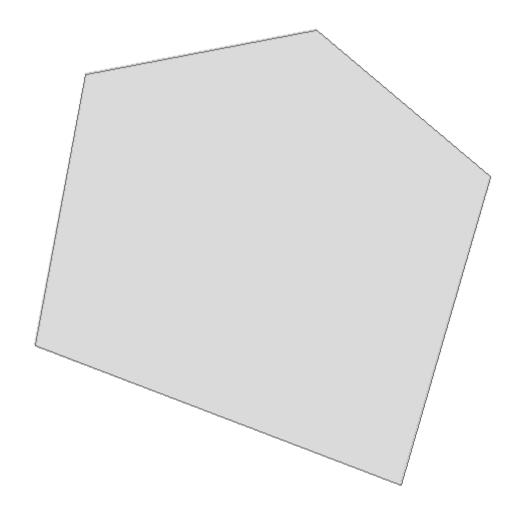
The Viewer classes are in the **geoscript.viewer** package.

Drawing geometries

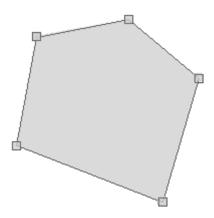
Draw a geometry in a simple GUI



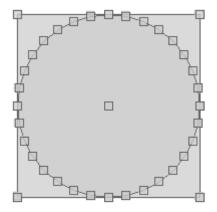
Draw a geometry to an image



Draw a geometry to an image with options

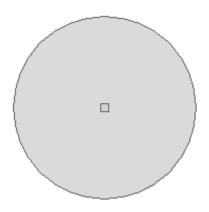


Draw a List of geometries to an image



Draw a List of Geometries to a File

```
Point point = new Point(-123.11, 47.23)
Geometry buffer = point.buffer(4)
File file = new File("geometry.png")
Viewer.drawToFile([buffer, point], file, size: [200,200])
```

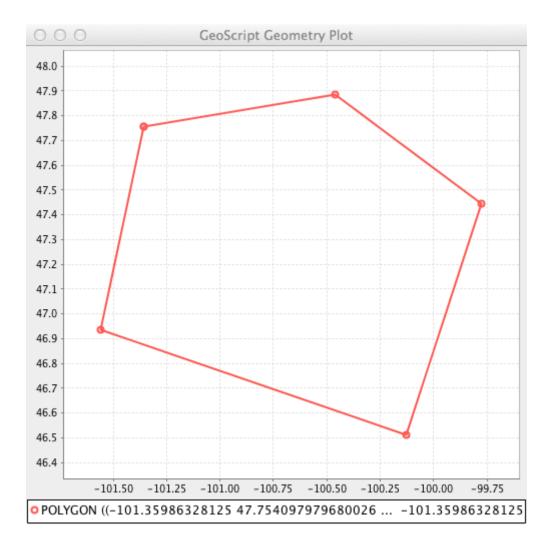


Draw a Geometry to a Base64 Encoded String

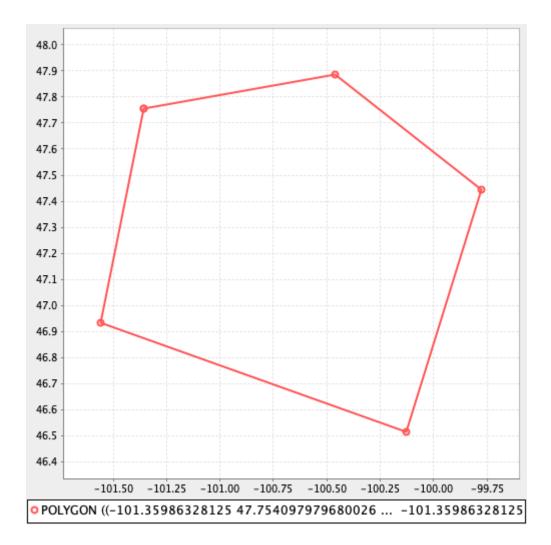
image/png;base64,iVBORw0KGgoAAAANSUhEUgAAAfQAAAH0CAYAAADL1t+KAAAR/E1EQVR4Xu3bC47kxrVFU c1VA30z0JT8ELKvXXWU9UkyfiTXBhZg2Smp08jk...

Plotting geometries

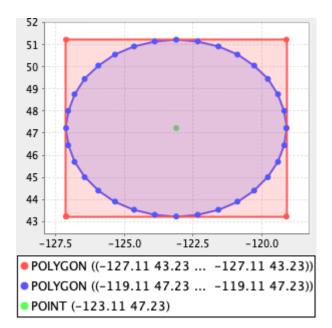
Plot a geometry in a simple GUI



Plot a Geometry to an image



Plot a List of Geometries to an image



Plot a Geometry to a File

```
Point point = new Point(-123.11, 47.23)
Geometry buffer = point.buffer(4)
File file = new File("geometry.png")
Viewer.plotToFile([buffer, point], file, size: [300,300])
```

