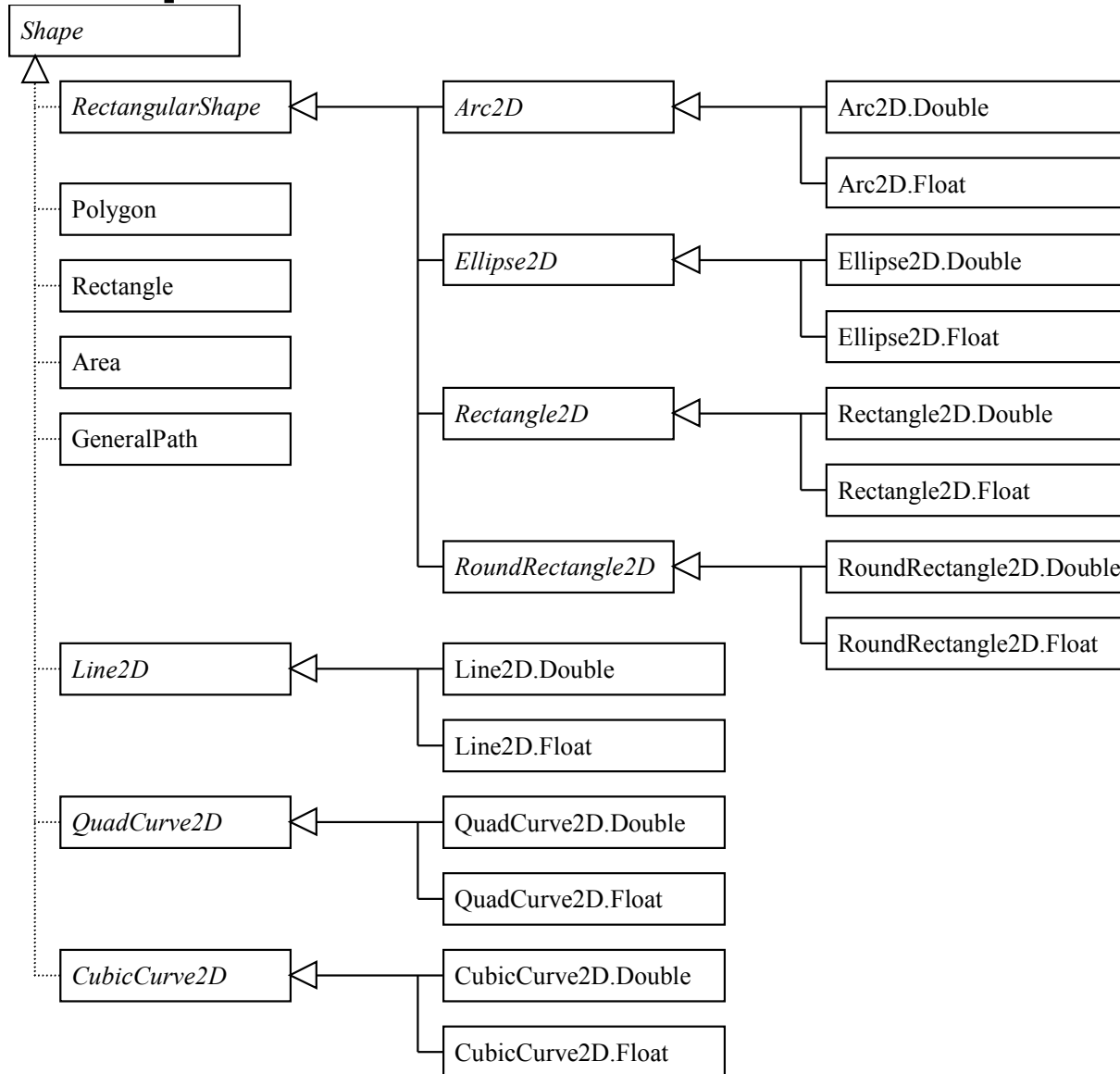


Geometric Shapes, Constructive Area Geometry, and General Path

The Shape Interface





Draw Shapes

- Line
- Rectangle
- Round rectangle
- Ellipse
- Arc
- Quadratic curve
- Cubic curve
- Polygon

Source

Run

Constructive Area Geometry

- Set-theoretic operations
 - Intersect
 - Add
 - Subtract
 - Exclusive or

Source

Run

GeneralPath

- Five segment types

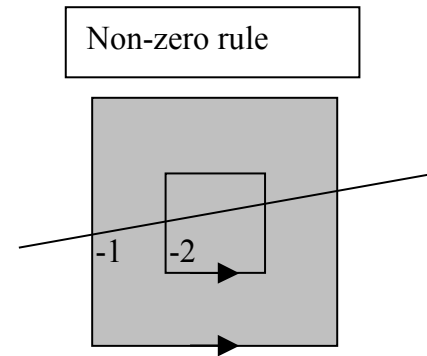
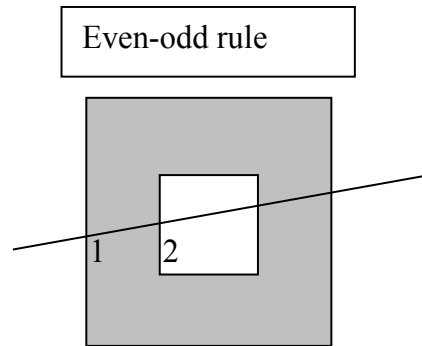
- SEG_MOVETO
- SEG_LINETO
- SEG_QUADTO
- SEG_CUBICTO
- SEG_CLOSE

- GeneralPath methods

- moveTo
- lineTo
- quadTo
- curveTo
- closePath

Winding Rules

- To determine interior regions
- Crossing number
- Even-odd rule
- Non-zero rule



Source

Run