


# java.awt.geom.\* Asymmetric Shapes

Methods declared in supertypes are hidden in subtypes

 java.awt. **Shape**

Accessors

Rectangle

**getBounds** ()

Rectangle2D

**getBounds2D** ()

PathIterator

**getPathIterator** (AffineTransform at)

PathIterator

**getPathIterator** (AffineTransform at, double flatness)

Other Public Methods

boolean

**contains** (Point2D p)

boolean

**contains** (Rectangle2D r)

boolean

**contains** (double x, double y)

boolean

**contains** (double x, double y, double w, double h)


boolean


**intersects** (Rectangle2D r)

boolean

**intersects** (double x, double y, double w, double h)

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 **Cloneable**

 **GeneralPath**

GeneralPath

 ()

GeneralPath

 (int rule)

GeneralPath

 (Shape s)

GeneralPath

 (int rule, int initialCapacity)

Accessors

Point2D

**getCurrentPoint** ()

int

**get** / **setWindingRule** ()

Collectors

void

**append** (Shape s, boolean connect)

void

**append** (PathIterator pi, boolean connect)

Object

Object

**clone** ()

Other Public Methods

void

**closePath** ()

Shape

**createTransformedShape** (AffineTransform at)

void

**curveTo** (float x1, float y1, float x2, float y2, float x3, float y3)

void

**lineTo** (float x, float y)

void

**moveTo** (float x, float y)

void

**quadTo** (float x1, float y1, float x2, float y2)

void


**reset** ()


void

**transform** (AffineTransform at)

int

 WIND\_EVEN\_ODD, WIND\_NON\_ZERO

 **Cloneable**

 **Area**

Area

 ()

Area

 (Shape s)

Accessors + Collectors

boolean

**isEmpty** ()

boolean

**isPolygonal** ()

boolean

**isRectangular** ()

boolean

**isSingular** ()

void

**add** (Area rhs)

Object

Object

**clone** ()

boolean

**equals** (Area other)

Other Public Methods

Area

**createTransformedArea** (AffineTransform t)

void

**exclusiveOr** (Area rhs)

void

**intersect** (Area rhs)

void

**reset** ()

void

**subtract** (Area rhs)

void

**transform** (AffineTransform t)

 **Serializable**

 java.awt. **Polygon**

Polygon

 ()

Polygon

 (int xpoints[], int ypoints[], int npoints)

Collectors

void

**addPoint** (int x, int y)

Other Public Methods

boolean

**contains** (Point p)

boolean

**contains** (int x, int y)

void

**invalidate** ()

void

**reset** ()

void

**translate** (int deltaX, int deltaY)

int

 npoints

int[]

 xpoints, ypoints