


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