



java.awt.geom.*

Miscellaneous

Methods declared in supertypes are hidden in subtypes



PathIterator

```
Accessors
int getWindingRule ()
boolean isDone ()
Other Public Methods
int currentSegment (float[] coords)
int currentSegment (double[] coords)
void next ()
```

```
int WIND_EVEN_ODD,
WIND_NON_ZERO, SEG_MOVETO,
SEG_LINETO, SEG_QUADTO,
SEG_CUBICTO, SEG_CLOSE
```



FlatteningPathIterator

```
FlatteningPathIterator (PathIterator src, double flatness)
FlatteningPathIterator (PathIterator src, double flatness, int limit)
```

```
Accessors
double getFlatness ()
int getRecursionLimit ()
int getWindingRule ()
boolean isDone ()
Other Public Methods
int currentSegment (float[] coords)
int currentSegment (double[] coords)
void next ()
```



Cloneable



Serializable



AffineTransform

```
AffineTransform ()
AffineTransform (AffineTransform Tx)
AffineTransform (float[] flatmatrix)
AffineTransform (double[] flatmatrix)
AffineTransform (float m00, float m10, float m01, float m11, float m02, float m12)
AffineTransform (double m00, double m10, double m01, double m11, double m02, double m12)
```

Static Methods

```
AffineTransform getRotateInstance (double theta)
AffineTransform getRotateInstance (double theta, double x, double y)
AffineTransform getScaleInstance (double sx, double sy)
AffineTransform getShearInstance (double shx, double shy)
AffineTransform getTranslateInstance (double tx, double ty)
```

Accessors

```
double getDeterminant ()
void getMatrix (double[] flatmatrix)
double getScaleX ()
double getScaleY ()
double getShearX ()
double getShearY ()
double getTranslateX ()
double getTranslateY ()
int getType ()
boolean isIdentity ()
void setToIdentity ()
void setToRotation (double theta)
void setToRotation (double theta, double x, double y)
void setToScale (double sx, double sy)
void setToShear (double shx, double shy)
void setToTranslation (double tx, double ty)
void setTransform (AffineTransform Tx)
void setTransform (double m00, double m10, double m01, double m11, double m02, double m12)
```

Object

```
Object clone ()
boolean equals (Object obj)
int hashCode ()
String toString ()
```

Other Public Methods

```
void concatenate (AffineTransform Tx)
AffineTransform createInverse () ↵
Shape createTransformedShape (Shape pSrc)
Point2D deltaTransform (Point2D pSrc, Point2D pDst)
void deltaTransform (double[] srcPts, int srcOff, double[] dstPts, int dstOff, int numPts)
Point2D inverseTransform (Point2D pSrc, Point2D pDst) ↵
void inverseTransform (double[] srcPts, int srcOff, double[] dstPts, int dstOff, int numPts) ↵
void preConcatenate (AffineTransform Tx)
void rotate (double theta)
void rotate (double theta, double x, double y)
void scale (double sx, double sy)
void shear (double shx, double shy)
Point2D transform (Point2D pSrc, Point2D pDst)
void transform (Point2D[] pSrc, int srcOff, Point2D[] pDst, int dstOff, int numPts)
void transform (float[] srcPts, int srcOff, float[] dstPts, int dstOff, int numPts)
void transform (double[] srcPts, int srcOff, double[] dstPts, int dstOff, int numPts)
void transform (float[] srcPts, int srcOff, double[] dstPts, int dstOff, int numPts)
void transform (double[] srcPts, int srcOff, float[] dstPts, int dstOff, int numPts)
void translate (double tx, double ty)
```

```
int TYPE_IDENTITY, TYPE_TRANSLATION, TYPE_UNIFORM_SCALE, TYPE_GENERAL_SCALE,
TYPE_MASK_SCALE, TYPE_FLIP, TYPE_QUADRANT_ROTATION, TYPE_GENERAL_ROTATION,
TYPE_MASK_ROTATION, TYPE_GENERAL_TRANSFORM
```