Class java.awt.Image

```
java.lang.Object
   |
   +----java.awt.Image
```

---

public class **Image**
extends Object

The image class is an abstract class. The image must be obtained in a platform specific way.

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o **UndefinedProperty**
The UndefinedProperty object should be returned whenever a property which was not defined for a particular image is fetched.

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Gets a graphics object to draw into this image.
o **getHeight**(ImageObserver)
Gets the actual height of the image.
o **getProperty**(String, ImageObserver)
Gets a property of the image by name.
o **getSource**()
Gets the object that produces the pixels for the image.
o **getWidth**(ImageObserver)

Gets the actual width of the image.

Variables

o **UndefinedProperty**

```
public final static Object UndefinedProperty
```

The UndefinedProperty object should be returned whenever a property which was not defined for a particular image is fetched.

Constructors

o **Image**

```
public Image()
```

Methods

o **getWidth**

```
public abstract int getWidth(ImageObserver observer)
```

Gets the actual width of the image. If the width is not known yet then the ImageObserver will be notified later and −1 will be returned.
See Also:
getHeight, ImageObserver

o **getHeight**

```
public abstract int getHeight(ImageObserver observer)
```

Gets the actual height of the image. If the height is not known yet then the ImageObserver will be notified later and −1 will be returned.
See Also:
getWidth, ImageObserver

o **getSource**

```
public abstract ImageProducer getSource()
```

Gets the object that produces the pixels for the image. This is used by the Image filtering classes and by the image conversion and scaling code.
See Also:
ImageProducer

o **getGraphics**

```
public abstract Graphics getGraphics()
```

Gets a graphics object to draw into this image. This will only work for off−screen images.

See Also:

Graphics

o **getProperty**

```
public abstract Object getProperty(String name,
                                   ImageObserver observer)
```

Gets a property of the image by name. Individual property names are defined by the various image formats. If a property is not defined for a particular image, then this method will return the UndefinedProperty object. If the properties for this image are not yet known, then this method will return null and the ImageObserver object will be notified later. The property name "comment" should be used to store an optional comment which can be presented to the user as a description of the image, its source, or its author.

See Also:

ImageObserver, UndefinedProperty