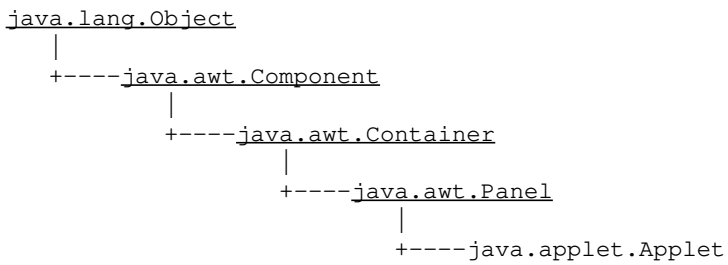
Class java.applet.Applet



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public class **Applet**
extends Panel

Base applet class.

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  Called to stop the applet.

Constructors

- **Applet**

```
public Applet()
```

Methods

- **setStub**

```
public final void setStub(AppletStub stub)
```

  Set the applet stub. This is done by automatically by the system.

- **isActive**

```
public boolean isActive()
```

Returns true if the applet is active. An applet is marked active just before the start method is called.

See Also:

start

o **getDocumentBase**

```
public URL getDocumentBase()
```

Gets the document URL. This is the URL of the document in which the applet is embedded.

See Also:

getCodeBase

o **getCodeBase**

```
public URL getCodeBase()
```

Gets the base URL. This is the URL of the applet itself.

See Also:

getDocumentBase

o **getParameter**

```
public String getParameter(String name)
```

Gets a parameter of the applet.

o **getAppletContext**

```
public AppletContext getAppletContext()
```

Gets a handle to the applet context. The applet context lets an applet control the applet's environment which is usually the browser or the applet viewer.

o **resize**

```
public void resize(int width,
                   int height)
```

Request for the applet to be resized.

Overrides:

resize in class Component

o **showStatus**

```
public void showStatus(String msg)
```

Show a status message in the Applet's context.

o **getImage**

```
public Image getImage(URL url)
```

Gets an image given a URL. Note that this method always returns an image object immediatly, even if the image does not exist. The actual image datais loaded when it is first needed.

o **getImage**

```
public Image getImage(URL url,
                      String name)
```

Gets an image relative to a URL. This methods returns immediatly, even if the image does not exist. The actual image data is loaded when it is first needed.
See Also:
getImage

o **getAudioClip**

```
public AudioClip getAudioClip(URL url)
```

Gets an audio clip.

o **getAudioClip**

```
public AudioClip getAudioClip(URL url,
                              String name)
```

Gets an audio clip.
See Also:
getAudioClip

o **getAppletInfo**

```
public String getAppletInfo()
```

Return a string containing information about the author, version and copyright of the applet.

o **getParameterInfo**

```
public String[][] getParameterInfo()
```

Returns an array of strings describing the parameters that are understoond by this applet. The array consists of sets of 3 strings name/type/description. For example:

```
String pinfo[][] = {
  {"fps",    "1-10",    "frames per second"},
  {"repeat", "boolean", "repeat image loop"},
  {"imgs",   "url",     "directory in which the images live"}
};
```

o **play**

```
public void play(URL url)
```

Play an audio clip. Nothing happens if the audio clip could not be found.

o **play**

```
public void play(URL url,
                 String name)
```

Play an audio clip. Nothing happens if the audio clip could not be found.

o **init**

```
public void init()
```

Initializes the applet. You never need to call this directly, it is called automatically by the system once the applet is created.
See Also:
start, stop, destroy

o **start**

```
public void start()
```

Called to start the applet. You never need to call this method directly, it is called when the applet's document is visited.
See Also:
init, stop, destroy

o **stop**

```
public void stop()
```

Called to stop the applet. It is called when the applet's document is no longer on the screen. It is guaranteed to be called before destroy() is called. You never need to call this method directly.
See Also:
init, start, destroy

o **destroy**

```
public void destroy()
```

Cleans up whatever resources are being held. If the applet is active it is first stopped.
See Also:
init, start, stop