Class java.awt.Font

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

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public class **Font**
extends Object

A class that produces font objects.

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Variable Index

o **BOLD**
The bold style constant.
o **ITALIC**
The italicized style constant.
o **PLAIN**
The plain style constant.
o **name**
The logical name of this font.
o **size**
The point size of this font.
o **style**
The style of the font.

Constructor Index

o **Font**(String, int, int)
Creates a new font with the specified name, style and point size.

Method Index

o **equals**(Object)
Compares this object to the specifed object.
o **getFamily**()
Gets the platform specific family name of the font.
o **getFont**(String)
Gets a font from the system properties list.
o **getFont**(String, Font)
Gets the specified font from the system properties list.
o **getName**()
Gets the logical name of the font.
o **getSize**()
Gets the point size of the font.
o **getStyle**()
Gets the style of the font.
o **hashCode**()
Returns a hashcode for this font.
o **isBold**()
Returns true if the font is bold.
o **isItalic**()
Returns true if the font is italic.
o **isPlain**()
Returns true if the font is plain.
o **toString**()
Converts this object to a String representation.

Variables

o **PLAIN**

```
public final static int PLAIN
```

The plain style constant. This can be added with the other style constants for mixed styles.

o **BOLD**

```
public final static int BOLD
```

The bold style constant. This can be added with the other style constants for mixed styles.

o **ITALIC**

```
public final static int ITALIC
```

The italicized style constant. This can be added with the other style constants for mixed styles.

o **name**

```
protected String name
```

The logical name of this font.

o **style**

```
protected int style
```

The style of the font. This is the sum of the constants PLAIN, BOLD, or ITALIC.

o **size**

```
protected int size
```

The point size of this font.

Constructors

o **Font**

```
public Font(String name,
            int style,
            int size)
```

Creates a new font with the specified name, style and point size.
Parameters:
name – the font name
style – the constant style used
size – the point size of the font
See Also:
getFontList

Methods

o **getFamily**

```
public String getFamily()
```

Gets the platform specific family name of the font. Use getName to get the logical name of the font.
See Also:
getName

o **getName**

```
public String getName()
```

Gets the logical name of the font.
See Also:
getFamily

o **getStyle**

```
public int getStyle()
```

Gets the style of the font.
See Also:
isPlain, isBold, isItalic

o **getSize**

```
public int getSize()
```

Gets the point size of the font.

o **isPlain**

```
public boolean isPlain()
```

Returns true if the font is plain.
See Also:
getStyle

o **isBold**

```
public boolean isBold()
```

Returns true if the font is bold.
See Also:
getStyle

o **isItalic**

```
public boolean isItalic()
```

Returns true if the font is italic.
See Also:
getStyle

o **getFont**

```
public static Font getFont(String nm)
```

Gets a font from the system properties list.
Parameters:
nm – the property name

o **getFont**

```
public static Font getFont(String nm,
                           Font font)
```

Gets the specified font from the system properties list.
Parameters:
nm – the property name
font – a default font to return if property 'nm' is not defined

o **hashCode**

```
public int hashCode()
```

Returns a hashcode for this font.
Overrides:
hashCode in class Object

o **equals**

```
public boolean equals(Object obj)
```

Compares this object to the specifed object.
Parameters:
obj – the object to compare with
Returns:
true if the objects are the same; false otherwise.
Overrides:
equals in class Object

o **toString**

```
public String toString()
```

Converts this object to a String representation.
Overrides:
toString in class Object