

Java AWT Interview Questions and Answers Pdf

Question: 1

What is the difference between a Swing and AWT components?

AWT components are heavy weight, whereas Swing components are lightweight.

Heavy weight components depend on the local windowing toolkit. For example, `java.awt.Button` is a heavy weight component, when it is running on the Java platform for Unix platform, it maps to a real Motif button.

Question: 2

What are the different types of controls in AWT?

The AWT supports the following types of controls:

Labels, Pushbuttons, Checkboxes, Choice lists, Lists, Scroll bars, Text components

These controls are subclasses of component

Question: 3

What is clipping?

Clipping is the process of confining paint operations to a limited area or shape.

Question: 4

What are the benefits of Swing over AWT?

Swing components are light weight.

We can have a pluggable look and feel feature which shows us how they appear in other platforms.

We can add images to Swing components. We have toolbars and tooltips in Swing.

Question: 5

What is the use of the window class?

The window class can be used to create a plain, bare bones window that does not have a border or menu.

The window class can also be used to display introduction or welcome screens.

Question: 6

What are AWT peers?

A component is associated with a standard AWT button object, a peer object and an interfacing button object constructed per the native GUI.

Question: 7

What are the component and container class?

A component is a graphical object. A few examples of components are

Button

Canvas

Checkboc

Choice etc.

Question: 8

What interface is extended by AWT event listener?

The java.util.EventListener interface is extended by all the AWT event listeners.

Question: 9

What is paint method?

The AWT uses a Callback mechanism for painting which is the same for heavyweight and lightweight components.

Question: 10

What is the difference between a window and a frame?

The Frame class extends Window to define a main application window that can have a menu bar.