

Family Relationships

Open the Java 8 api and prepare to use the javax.swing.* packages and the java.awt.* packages

1. List the immediate parent of javax.swing.JButton:

2. Review the description for the abstract class JComponent: Create a graphical representation of the three classes referred to as "top-level" swing containers. Create three mini-trees below, each whose root is a top-level component. Add 2-3 children of each top-level component.



3. What does it mean practically speaking for JComponent to be an Abstract class? (Hint: what will we *never* write in Java with respect to the JComponent class?)

4. Who is JTextField's direct parent? Who are JTextField's direct children?

Movie GUI:

Which specific classes in the java GUI hierarchy do you plan on using in your movie GUI? List the classes on the left and place them in a tree-structure showing their parents and kinds on the right.

list version

tree-based representation