

JavaFX 1

Intro to JavaFX

X1

JavaFX

- Designed for rich client applications
 - Graphics, UI's, video, audio, etc.
- Java APIs, integrated with Java 8
 - *Not* to be confused with JavaFX 1.x, which is a scripting language, not a Java API
 - For older JDKs, JavaFX is separately bundled, and must be separately installed
- Replaces Swing
- JavaFX HelloWorld

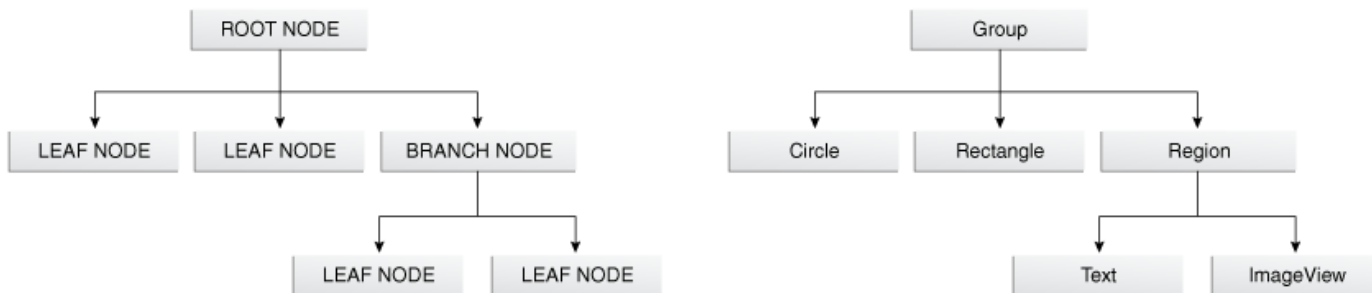
JavaFX

- Extend `javafx.application.Application`
 - Override the `start()` method
- Stage
 - Think of it as a window
- Scene
 - Container for a scene graph
- StackPane
 - *Organizer* of nodes in scene graph
 - Others include FlowPane, TilePane, GridPane, etc

Java FX Scene Graph

Tree of nodes, with a single 'branch' at the root

- branch (may have children, eg Group, Region)
- leaf (may not have children, eg Rectangle, Circle)



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