

## **Programming Swing and the Java Foundation Classes (JFC)**

### **Course Summary**

#### **Description**

This course covers the Java Foundation Classes, which are a set of portable, pure Java classes that let developers create rich, cross-platform user interfaces.

#### **Topics**

- Understand the differences between the JDK 1.1 AWT and the JFC
- Program JFC menus and toolbars
- Program JFC dialog boxes, including custom dialogs based on the JDialog class
- Program JFC components, including JTextArea, JProgressBar and tabbed dialogs
- Understand JFC's model-view-controller architecture
- Program the JTree and JTable controls
- Understand the JFC look-and-feel mechanism
- Program JFC drag and drop

#### **Audience**

This course is designed for Software Developers who will use the JFC to create Java applications and applets.

#### **Prerequisites**

Before taking this course students should have a solid Java programming background. Basic Java syntax will not be covered in this course.

#### **Duration**

Three days