

Java 6 Update

Duration:	1 day
Type:	intermediate

Description

This workshop enables experienced Java developers to update their programming skills by learning and applying features introduced in the latest version of the language

Prerequisites

Delegates should be experienced Java developers

List of Modules

Miscellaneous Improvements

- The *isEmpty* method of the *String* class
- Improved mechanism for loading JDBC Drivers
- Enhancements to the JConsole utility program
- Adding a splash screen to your application
- Displaying your program in the System Tray

Changes in the Collections Library

- The double ended queue (*deque*) collection type
- The *NavigableMap* and *NavigableSet* interfaces
- New implementations of the collection interfaces
- Enhancements to the *Arrays* utility class

Changes in I/O

- Improved console I/O via the *Console* class
- Determining free space and changing file permissions
- Support for storing and manipulating HTTP cookies

XML and Web Services

- Reading and generating XML using StAX
- Attaching Digital Signatures to XML documents
- Serializing objects into XML using JAXB 2.0
- Using JAX-WS to create Web Service clients

The Compiler API

- Compiling Java source from inside a program
- Listening to compiler errors and warnings
- Choosing the input and output directories
- Performing compilations entirely in main memory

The Scripting API

- Overview of scripting on the Java Platform
- Examples of JVM based scripting engines
- Discovering the available scripting engines
- Calling scripted functions from Java
- Evaluating and compiling scripts