Understanding the Java Virtual Machine: Classloading and Reflection

Introduction

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Overview

- Introduction to Classloading

- Java code compiles to .class files

  - these classes have to be loaded into the virtual machine

- Where does Java load its classes from?

  - What is the classpath

- Setting the classpath globally

- Setting the classpath when running a Java application

The Rest of the Course

- Classloading basics

- Writing our own classloader

- Using classloading delegation

- Hot deploying Java code

- Understanding Java reflection

- Using reflection to implement a simple IoC container