DevOpsSchool
Lets Learn, Share & Practice DevOps

Gradle Intermediate Training

Curriculum 4 Days

Day - 1

- **Getting Started?**
  - Introduction
  - Prerequisites
  - GVM to Manage Gradle Versions
  - Manual Installation in Windows/Mac/Linux
  - Installation Troubleshooting
  - Gradle Installation Binaries
  - Default Project Layout
  - Gradle Wrapper
  - Conclusion
- **Gradle Tasks**
  - Introduction
  - build.gradle
  - A Taste of Groovy
  - Dynamic Tasks
  - Gradle Tasks API
  - Using Ant Tasks
  - Using DAG

Day - 2

- **Java, Groovy, and WAR Plugins**
  - Introduction
  - Prerequisites
  - GVM to Manage Gradle Versions
  - Manual Installation in Windows/Mac/Linux
  - Installation Troubleshooting
  - Gradle Installation Binaries
  - Default Project Layout
- **IDE Integration**
  - Introduction
  - IntelliJ
  - Eclipse
  - NetBeans
  - Conclusion

Day - 3

- **Dependency Management**
  - Introduction
  - Dependency Types
  - Declaring Dependencies
  - External Dependencies
  - Publishing Artifacts
  - Dependency Configurations
  - Conclusion
- **C++ Support**
  - Introduction
  - Supported Platforms
  - Plugins
  - Libraries
  - Executables
  - Tasks
  - Configuring on Linux/OSX/Windows
  - External Dependencies
  - Project Dependencies
  - Publishing
  - Native Support for Variants

Day - 4

- **Building JavaScript (gradle-js-plugin)**
  - Introduction
  - Specifying Your Sources
  - Combining Your Sources
  - JSHint
  - JSDoc
  - Props2JS
  - RequireJS
  - Gradle CSS Plugin
  - Conclusion
- **Building Scala**
  - Introduction
  - Usage and Tasks
  - Project Layout
  - Compiler Setup/Incremental Compilation/Forked Execution
  - Dependencies
  - Fast Compiler Support
  - Conclusion