Eclipse & Gradle
The best of both worlds

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Eclipse & Gradle

- Gradle - Background
- IDE-Integration - Our Vision
- Buildship - Demo
Gradle - Background
The Build

- Compile
- Unit Testing
- Code Generation
- Dependency Mngmt.
- Package Mngmt.
- Standardization
- Custom Extensions
- Integration Testing
- Deploy
Enterprise builds are broken
Gradle Repos and Users in Github

- **People**
- **Repos**
Visitors gradle.org per month
WHAT TECHNOLOGIES ARE DEVELOPERS REALLY INTERESTED IN?

- **Gradle** - Almost 6 in 10 developers say they want to learn more about this build tool.
- **IntelliJ IDEA** - Almost half of developers would rather use IntelliJ than any other IDE.
- **Scala** - 47% of developers would choose Scala as their next JVM language.
- **Java 8** - Over 1/3 of developers see getting familiar with Java 8 as their highest priority until 2015.

**Sample population of 2164 Java professionals, sample error 2.1%**
IDE-Integration - Vision
Make Eclipse more powerful

- extend what you can do from within Eclipse
  - integrate deeply into Eclipse
Have a single truth of build logic

- put all execution logic into the build
- derive all information from the build model
In a unified build, Gradle is the single source of build logic.
The Gradle Tooling API is the proxy for embedding Gradle via IPC.

Full runtime-isolation between Gradle and Eclipse.

Tooling API is backward- and forward-compatible.
Buildship is a collection of plugin-ins to deeply integrate Gradle into Eclipse.
Buildship: Eclipse Plug-ins for Gradle

Eclipse Plug-ins for Gradle is a collection of Eclipse plug-ins that provide support for building software using Gradle.

Licenses:
Eclipse Public License 1.0

http://projects.eclipse.org/projects/tools.buildship
http://www.gradlesummit.com  June 11 - 12, 2015

• Welcome Gradle@Eclipse
  Mike Milinkovich, 6/11/2015

• Buildship - The new Gradle Eclipse integration
  Etienne Studer, 6/11/2015
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