Agenda

- What is Scala?
- Scala PDE
- Scala or Java8?
What is Scala?
JVM language
Since 2001

Current Version 2.10

Mature
## Languages & Frameworks

### Adopt
- 81. Clojure
- 82. CSS frameworks
- 83. Jasmine paired with Node.js
- 84. Scala
- 85. Sinatra

### Trial
- 86. CoffeeScript
- 87. Dropwizard
- 88. HTML5 for offline applications
- 89. JavaScript as a platform
- 90. JavaScript MV* frameworks
- 91. Play Framework 2
- 92. Require.js & NPM
- 93. Scratch, Alice, and Kodu

### Assess
- 94. ClojureScript
- 95. Gremlin
- 96. Lua
- 97. Nancy
- 98. OWIN
- 99. RubyMotion
- 100. Twitter Bootstrap

### Hold
- 101.
- 102.
- 103.
- 104.
Use any Java library

Interoperable with Java

Mixed Scala/Java projects
Let’s see it in action!
Scala Plug-in Development Environment

Set up in 3 simple steps

• Install Scala IDE (http://scala-ide.org)
• Add Scala Library bundle in the dependencies
• Add Scala Nature to your project
Maven support for Scala

<dependency>
  <groupId>org.scala-lang</groupId>
  <artifactId>scala-library</artifactId>
  <version>${scala.version}</version>
</dependency>

<plugin>
  <groupId>net.alchim31.maven</groupId>
  <artifactId>scala-maven-plugin</artifactId>
  <version>${scala.plugin.version}</version>
</plugin>
Scala now or Java 8 tomorrow?
Why you should profit today.

- Java 8 ships in spring 2014
- But when Eclipse API w/ lambdas & default methods?
- Why waiting when you can use Scala today and profit?
  - Concise
  - Better type safety guarantees than Java.
  - Extremely flexible (e.g., easy to write DSLs)
Learning Scala?

- https://www.coursera.org/course/progfun

Books

http://typesafe.com/resources/free-books
http://www.artima.com/pinsl ed/
Resources

Links to all resources used in this talk

- http://www.scala-ide.org/
- https://github.com/dotta/eclipsecon-eu-2013
- https://github.com/dotta/eclipsecon-java-editor
- Based on http://www.vogella.com/articles/EclipseEditors/article.html
- https://github.com/dotta/eclipsecon-scala-editor