Scala & SBT Installation Guide

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https://gitter.im/ScalaTaiwan/ScalaTaiwan

Hackpad - https://goo.gl/SIfDk7



Pre-requirement

* JDK 6 +

Win version

Scala 2.11.8 - http://downloads.lightbend.com/scala/2.11.8/scala-2.11.8.msi

SBT Installation

- * SBT https://dl.bintray.com/sbt/native-packages/sbt/0.13.12/sbt-0.13.12.msi
- * After you install sbt, please execute this command.
 - * \$ sbt

Mac version

- * Homebrew http://brew.sh/
- * \$ ruby -e "\$(curl -fsSL https:// raw.githubusercontent.com/Homebrew/install/ master/install)"
- * \$ brew install scala sbt
- After you install sbt, please execute this command.
 - * \$ sbt

Linux version for Deb or Red Hat

- https://github.com/Linuxbrew/brew
- After you install Linuxbrew
- * \$ brew install scala sbt
- * After you install sbt, please execute this command.
 - * \$ sbt

For All Linux version

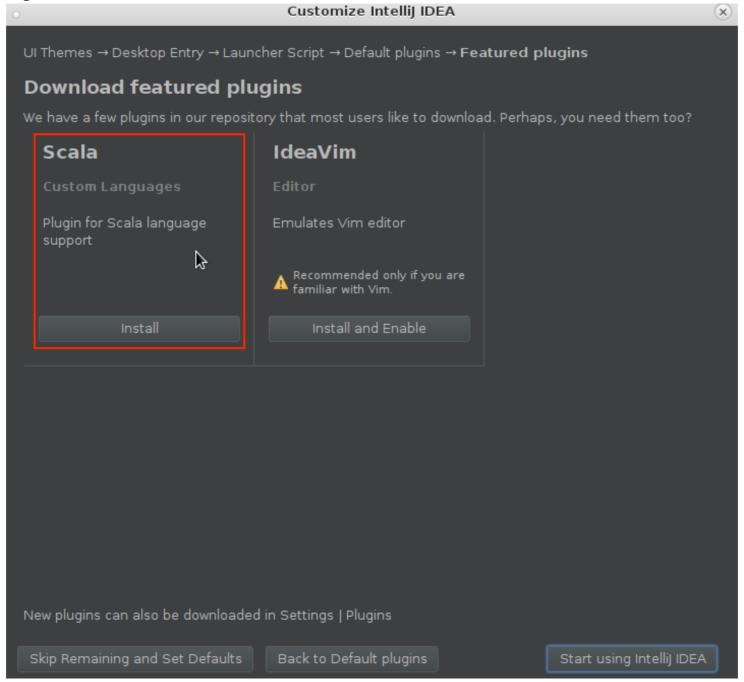
- * Please download one shell script, it will install for you.
- * \$ git clone https://github.com/jiminhsieh/scala-sbt-installation-guide-2016.git
- * \$./scala-sbt-installation-guide-2016/script/ scala_sbt_installation.sh
- * After you install sbt, please execute this command.
 - * \$ sbt

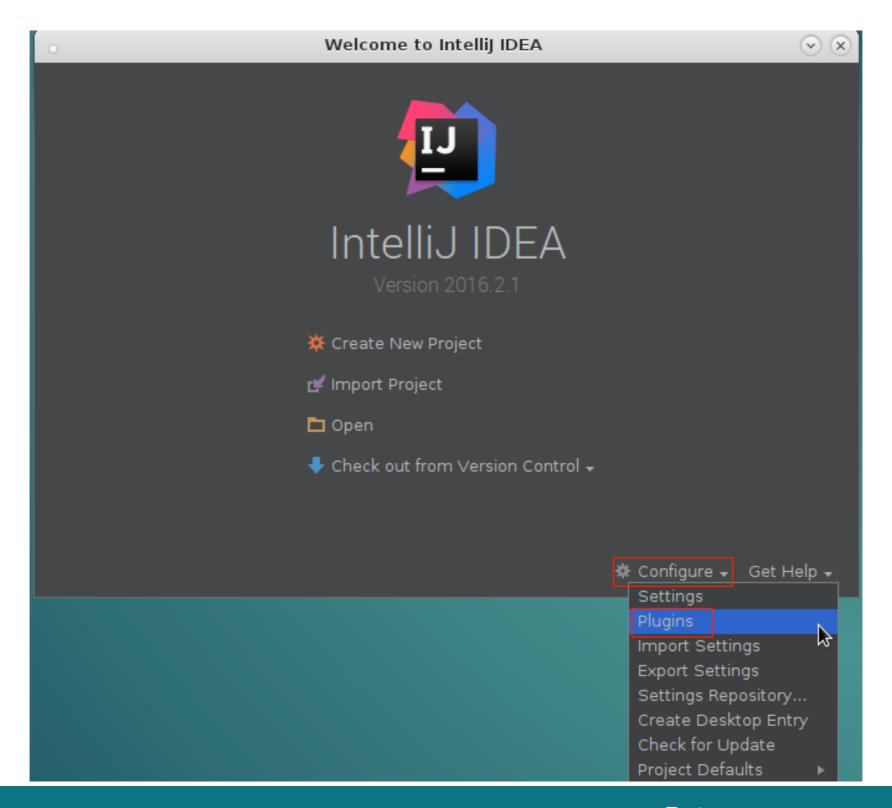
IDE

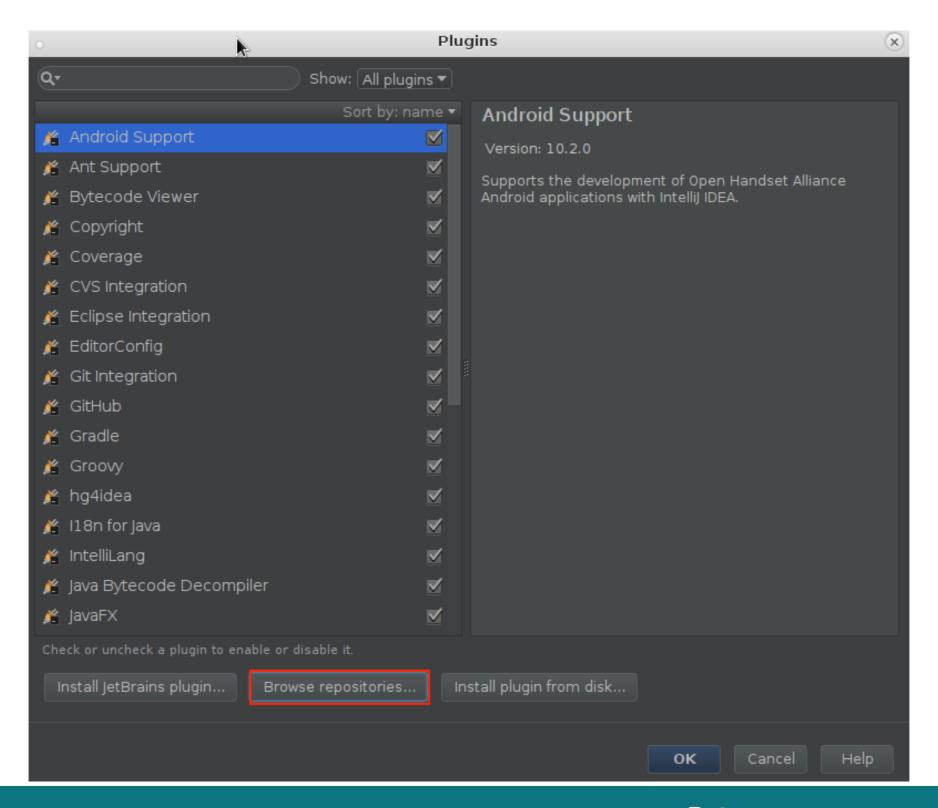
- IntelliJ IDEA Community(*) with Scala plugin
 - https://www.jetbrains.com/idea/download/
 - * In my opinion, I prefer to use IntelliJ.
- Scala IDE
 - http://scala-ide.org/download/sdk.html
- * Eclipse with Scala plugin
 - Community already consider alternative IDE.

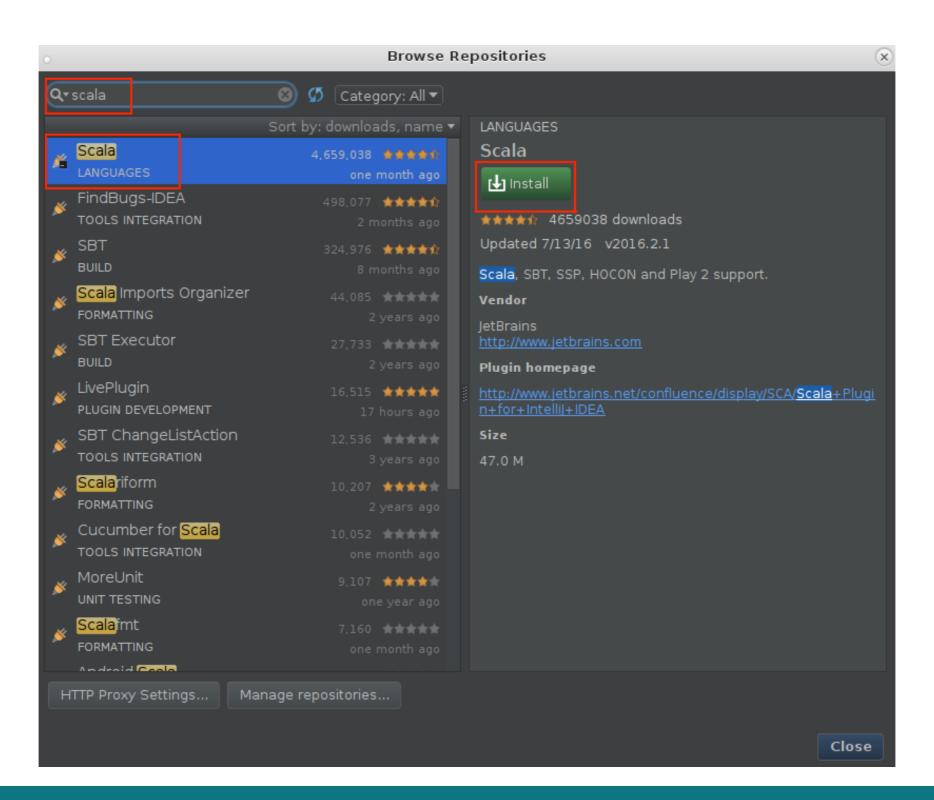
IntelliJ IDEA with Scala plugin

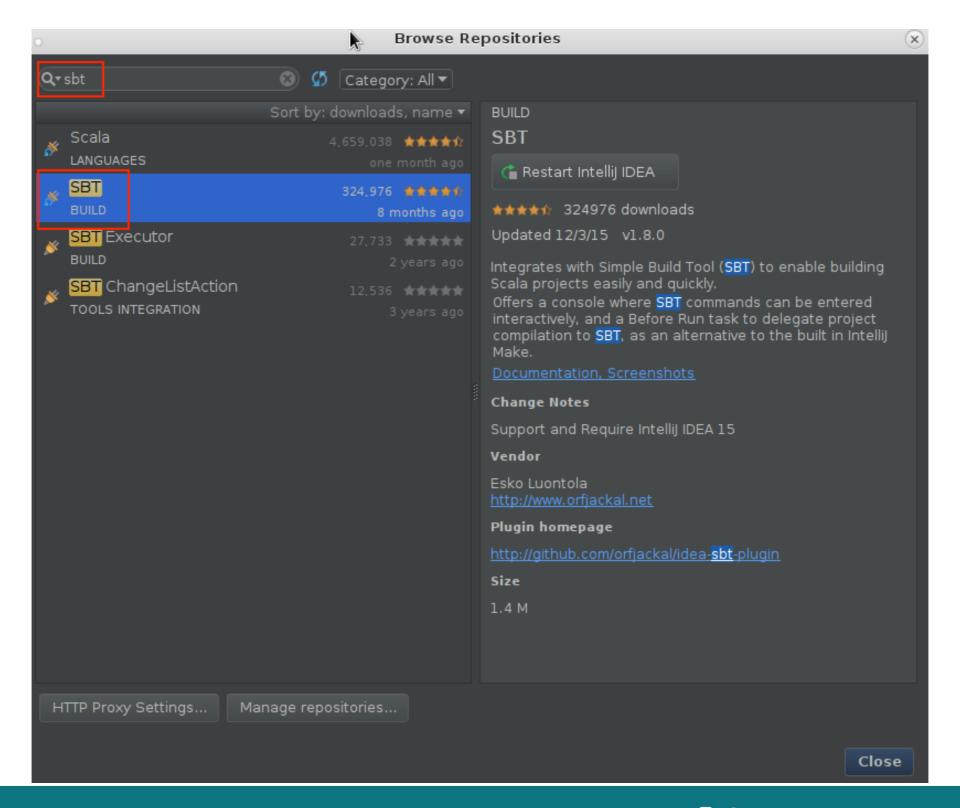
First time you start IntelliJ



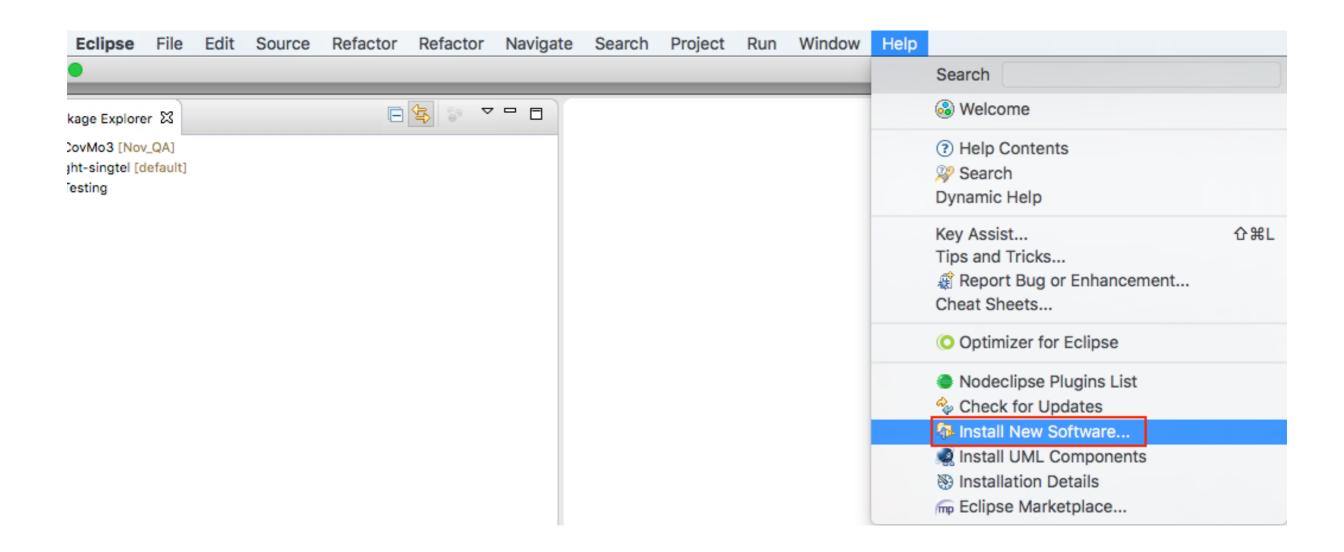








Eclipse with Scala Plugin - 1



Eclipse with Scala Plugin - 2

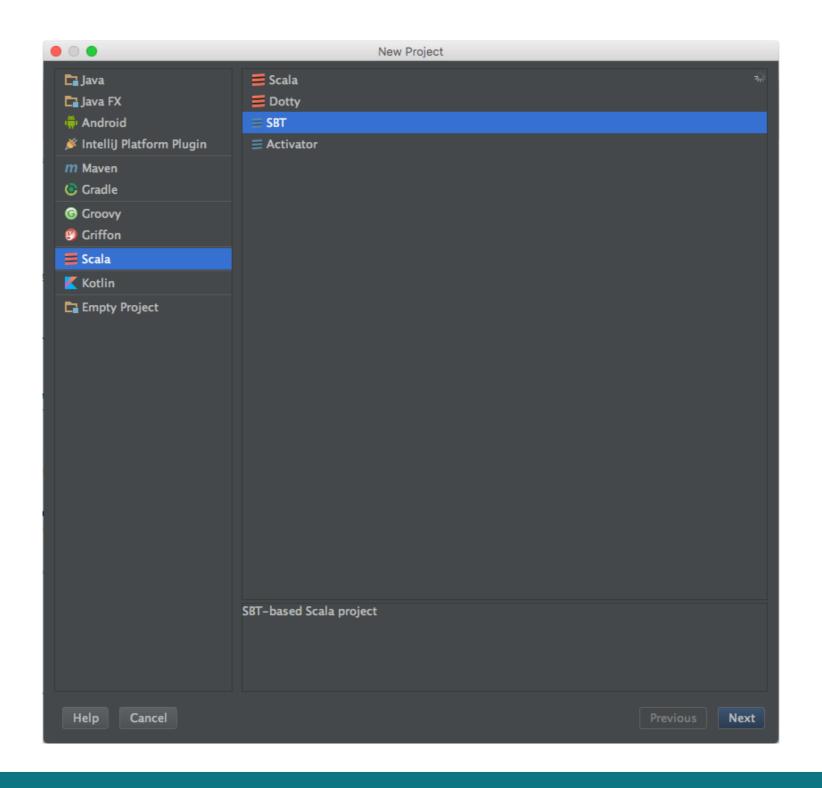
| | Install |
|---|--|
| Available Software Check the items that you wish to install. | |
| Work with: http://download.scala-ide.org/sdk/lithium/e44/scala211/stable/site | Find more software by working with the "Available Software Sites" preferences. |
| typ | e filter text |
| Name | Version |
| ▶ 000 Play 2 support ▶ 000 Play 2 support Source ▶ 000 Scala IDE for Eclipse ▶ 000 Scala IDE for Eclipse Development Support ▶ 000 Scala IDE for Eclipse Source Feature ▶ 000 Scala Search ▶ 000 Scala Search Source ▶ 000 Scala Worksheet ▶ 000 Scala Worksheet Source ▶ 000 Scala Test for Scala IDE ▶ 000 ScalaTest for Scala IDE Source ▶ 000 ScalaTest for Scala IDE Source | |
| | |
| Show only the latest versions of available software | ✓ Hide items that are already installed |
| Group items by category | What is already installed? |
| Show only software applicable to target environment | |
| ✓ Contact all update sites during install to find required software | |
| ? | < Back Next > Cancel Finish |

http://download.scala-ide.org/sdk/lithium/e44/scala211/stable/site

Text Editors

- * If you only use Emacs or Atom or Vim or VSC or Sublime.
- http://ensime.github.io/





| • • | New Project | | |
|-------------------|---|-----|--------|
| Project name: | scala-workshop-2016 | | |
| Project location: | /Users/jimin/repository/scala/scala-workshop-2016 | | |
| Project SDK: | 1.8 (java version "1.8.0_102") | • | New |
| SBT version: | 0.13.8 | | • |
| Scala version: | 2.11.8 | | ▼ |
| | ■ Use auto-import ✓ Create directories for empty content roots automatically | | |
| Download: | ✓ Sources Javadocs ✓ Sources for SBT and plugins | | |
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| More Settings — | | | |
| Help Car | ncel | ous | Finish |

```
scala-workshop-2016 ~/repository/scala/scala-workshop-2016
  🗀 .idea
▼ = project [scala-workshop-2016-build] sources root
   project
   ▶ ☐ target
      in build.properties
     plugins.sbt
  □ src
   ▼ 🗀 main
        □ java
        resources
        scala
        □ scala-2.11
   ▼ 🗀 test
        □ java
        resources
        scala
        □ scala-2.11
▶ ☐ target
   📔 build.sbt
 External Libraries
```