Scala & SBT Installation Guide

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https://gitter.im/ScalaTaiwan/ScalaTaiwan

Hackpad - https://goo.gl/SIfDk7

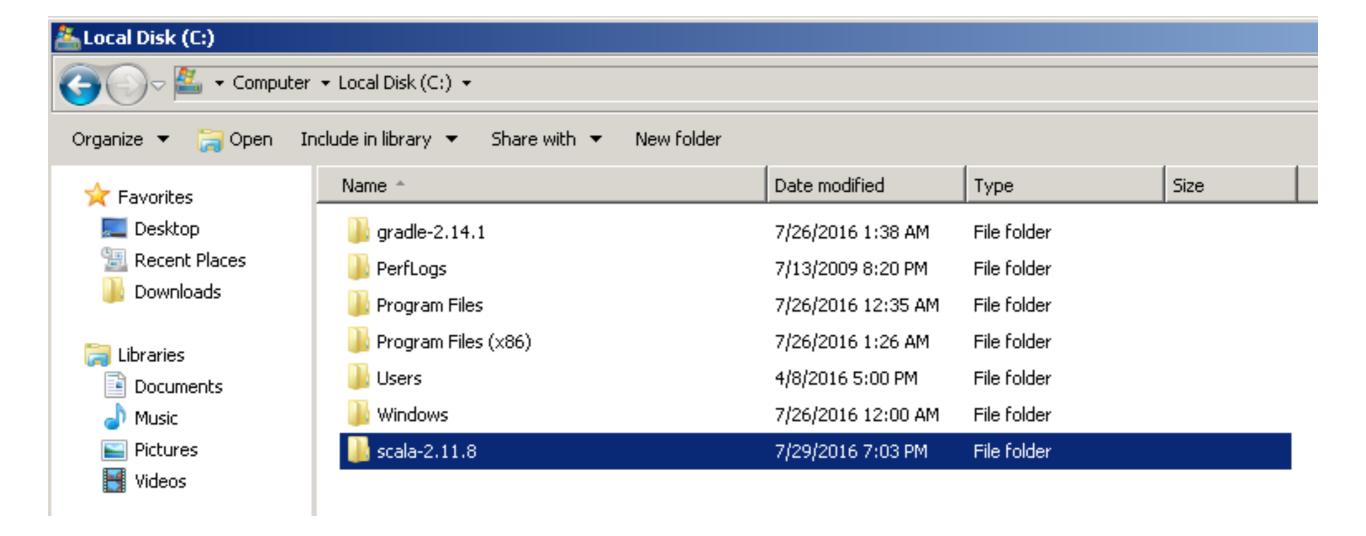


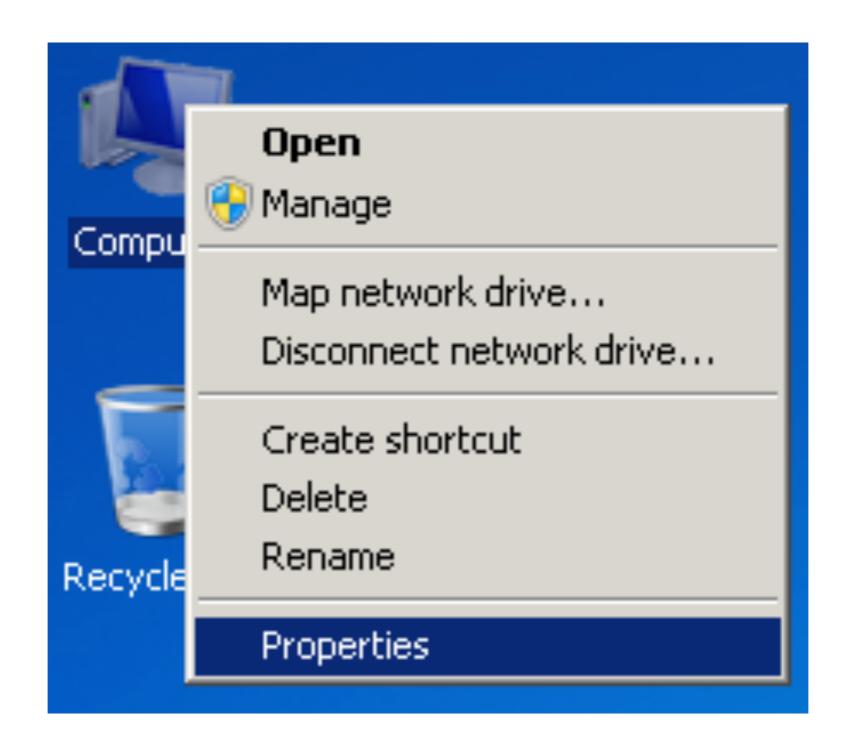
Pre-requirement

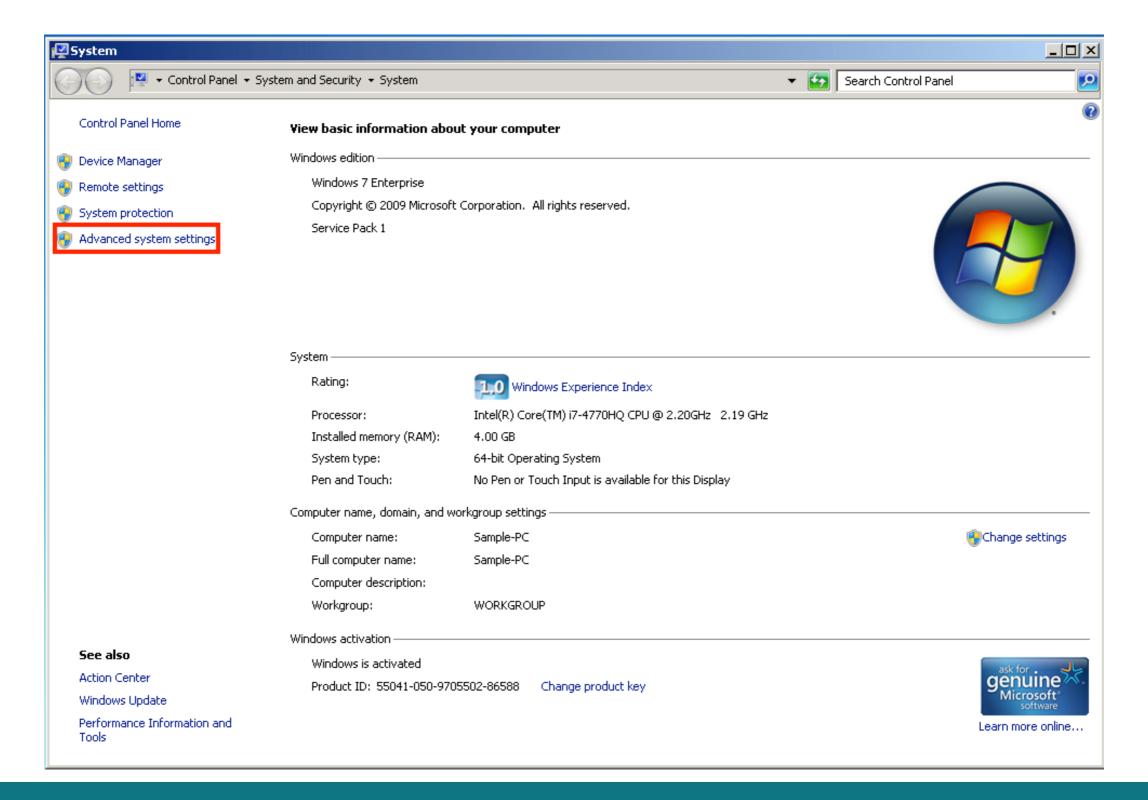
* JDK 6 +

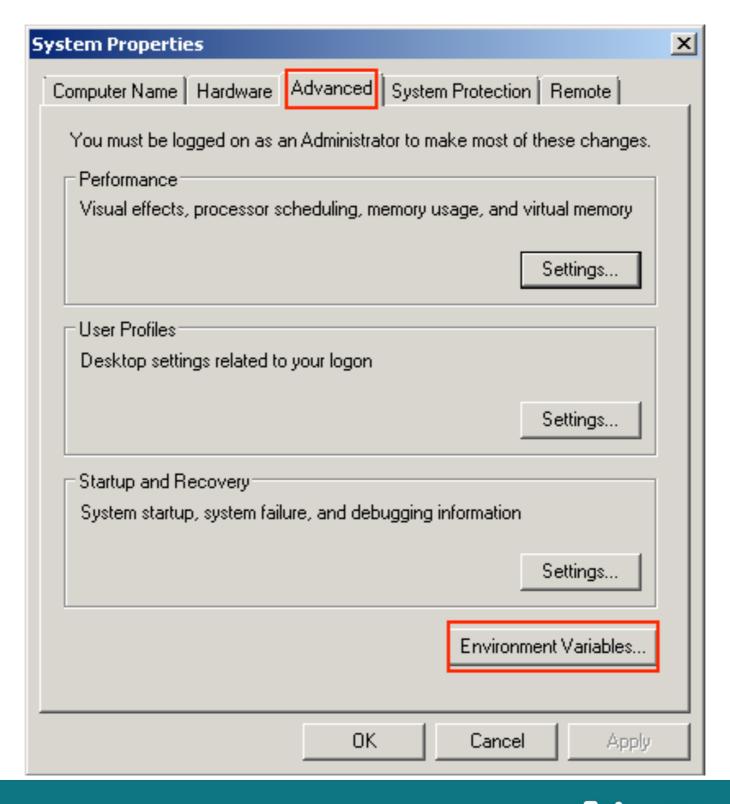
Win version

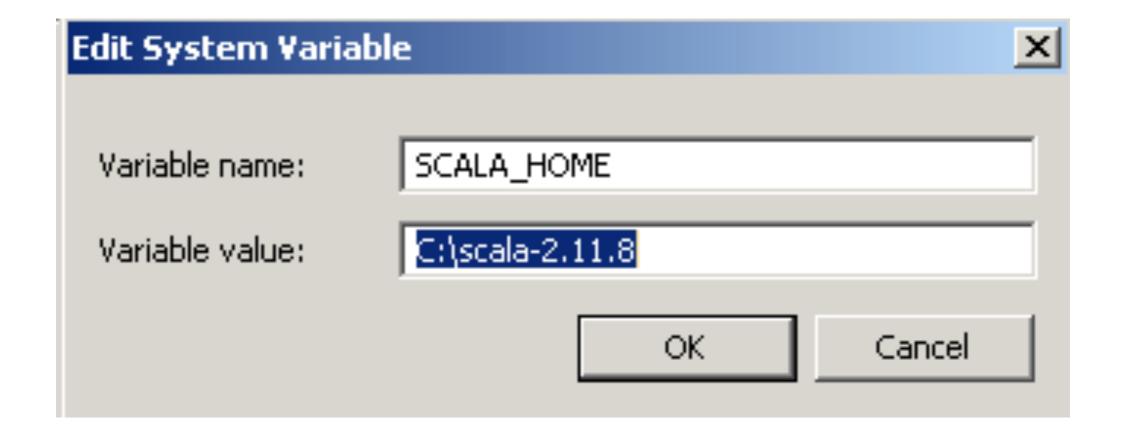
Scala 2.11.8 - http://downloads.lightbend.com/scala/2.11.8/scala-2.11.8.tgz











Edit System Variabl	le <u>X</u>
Variable name:	Path
Variable value:	::\gradle-2.14.1\bin; <mark>%SCALA_HOME%\bin</mark>
	OK Cancel

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

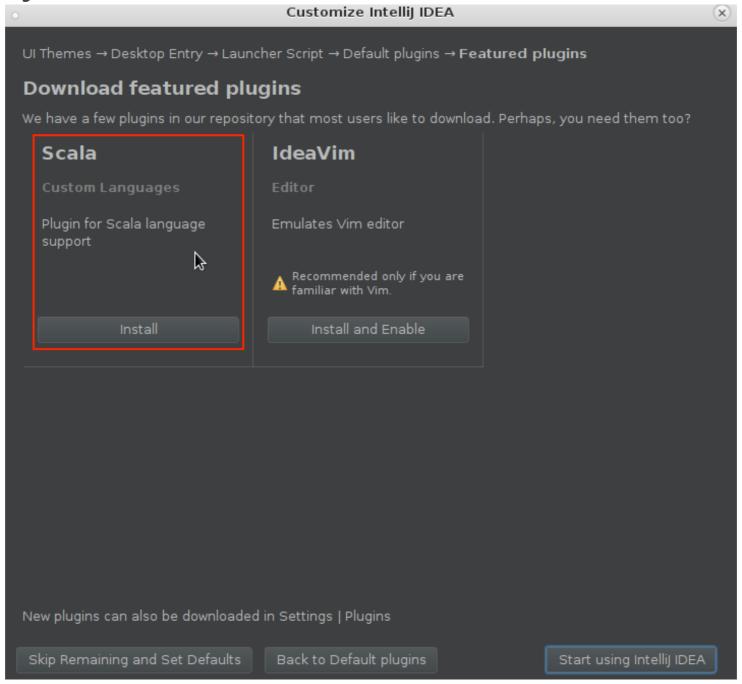
- * Please download one shell script, it will install for you.
- * \$ git clone https://github.com/jiminhsieh/scala-sbt-installation-guide-2016.git
- * \$./scala-sbt-installation-guide-2016/script/ scala_sbt_installation.sh
- * After you install sbt, please execute this command.
 - * \$ sbt

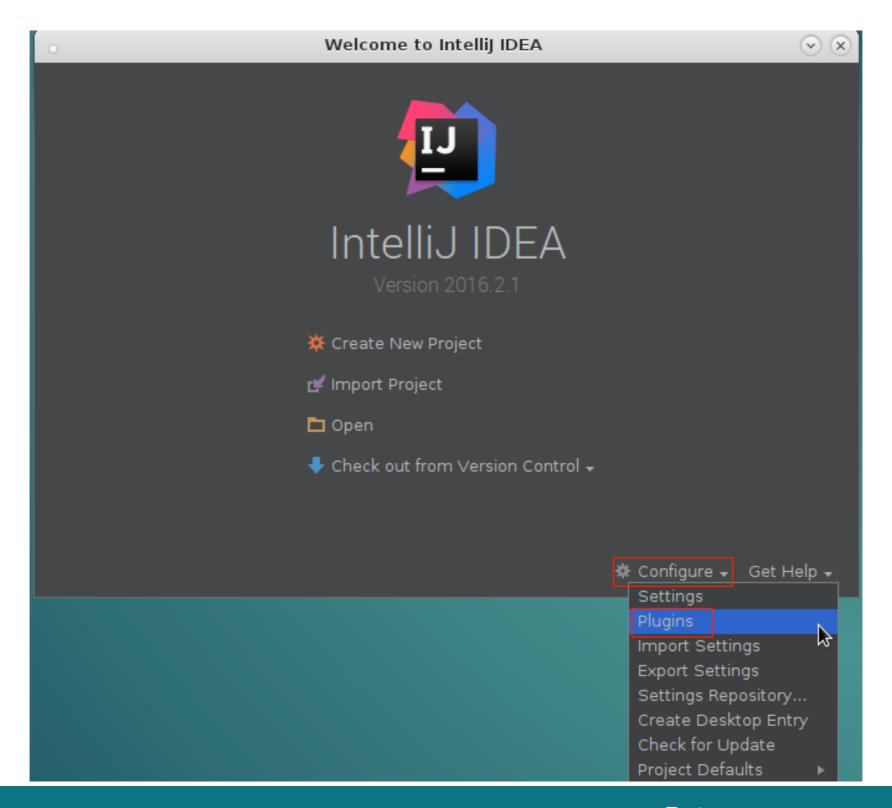
IDE

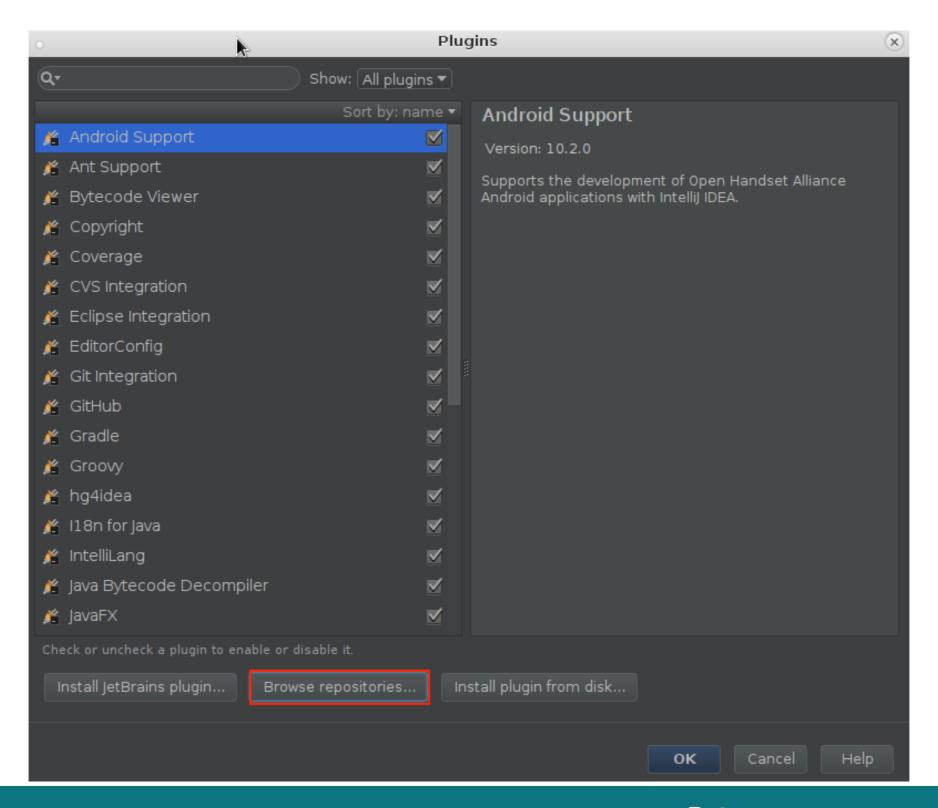
- IntelliJ IDEA Community(*) with Scala plugin
 - https://www.jetbrains.com/idea/download/
 - * In my opinion, I prefer to use IntelliJ.
- Scala IDE
 - http://scala-ide.org/download/sdk.html
- Eclipse with Scala plugin
 - Community already consider alternative IDE.

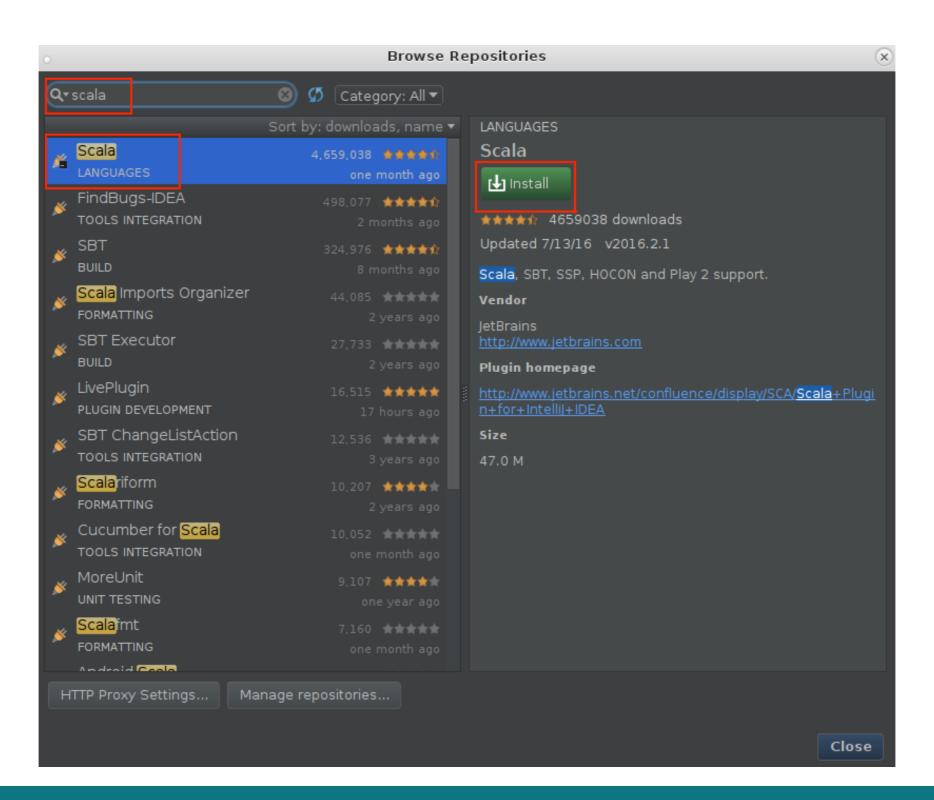
IntelliJ IDEA with Scala plugin

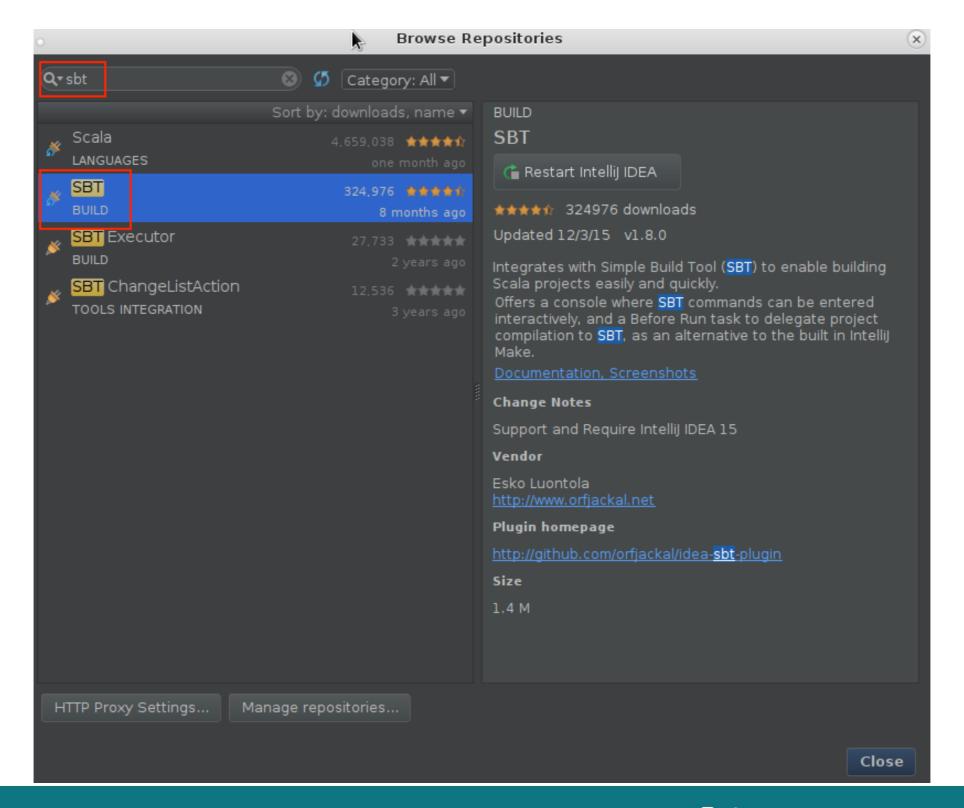
First time you start IntelliJ



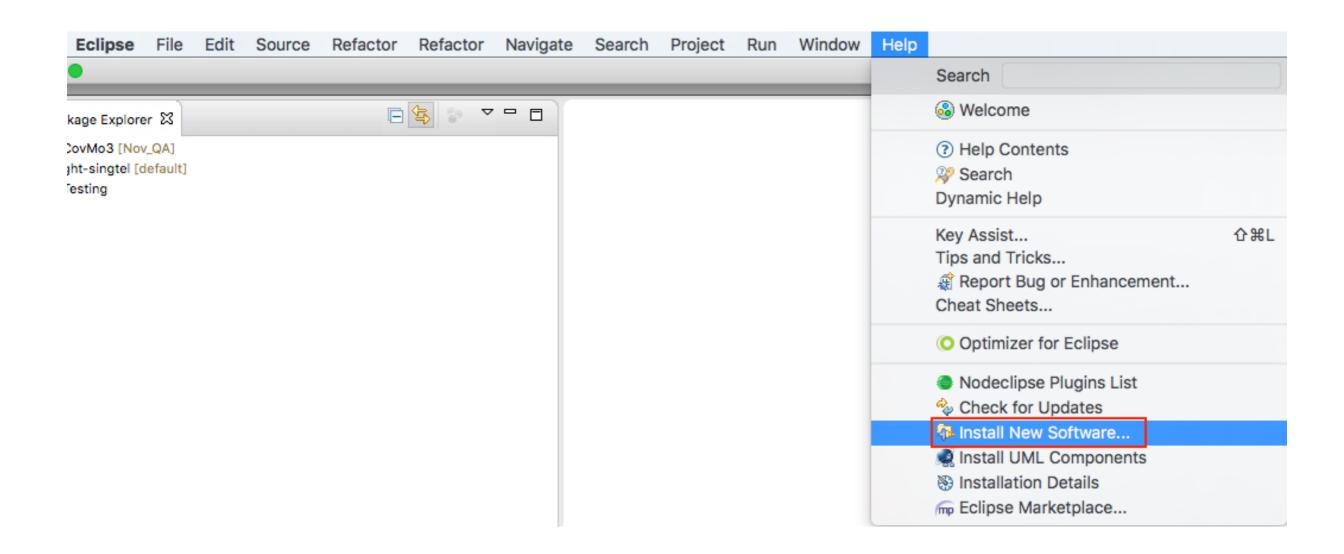








Eclipse with Scala Plugin - 1



Eclipse with Scala Plugin - 2

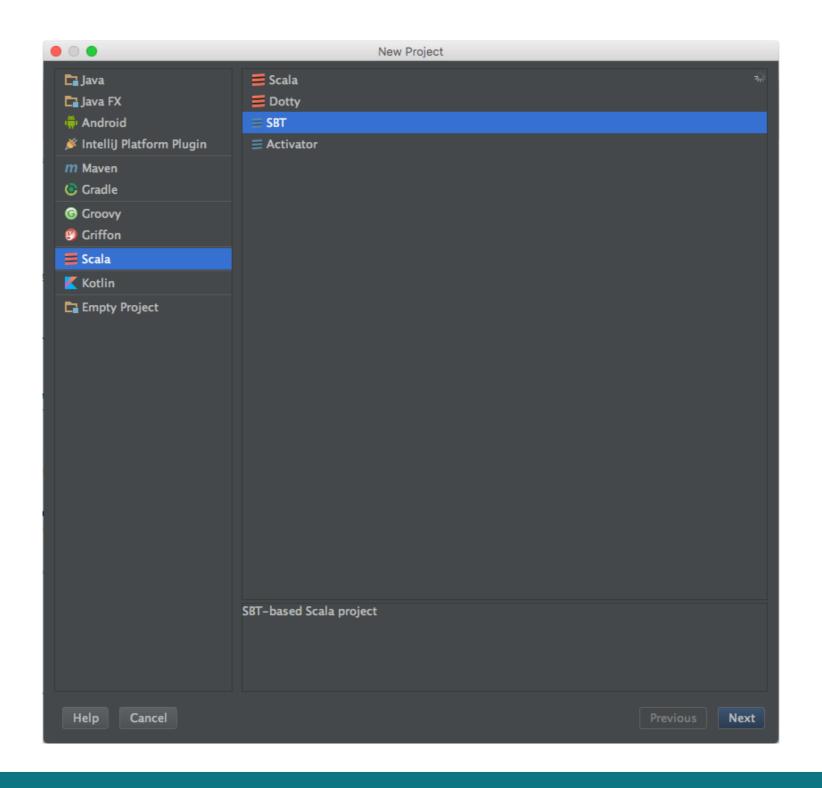
	Install
Available Software Check the items that you wish to install.	
Work with: http://download.scala-ide.org/sdk/lithium/e44/scala211/stable/site	Find more software by working with the "Available Software Sites" preferences.
typ	e filter text
Name	Version
▶ 000 Play 2 support ▶ 000 Play 2 support Source ▶ 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 worksheet Source ▶ 000 ScalaTest for Scala IDE ▶ 000 ScalaTest for Scala IDE Source Select All Deselect All	
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		
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
```