

# Scala & SBT Installation Guide

Jimin Hsieh - <https://tw.linkedin.com/in/jiminhsieh>

<https://gitter.im/ScalaTaiwan/ScalaTaiwan>

Hackpad - <https://goo.gl/SIfDk7>



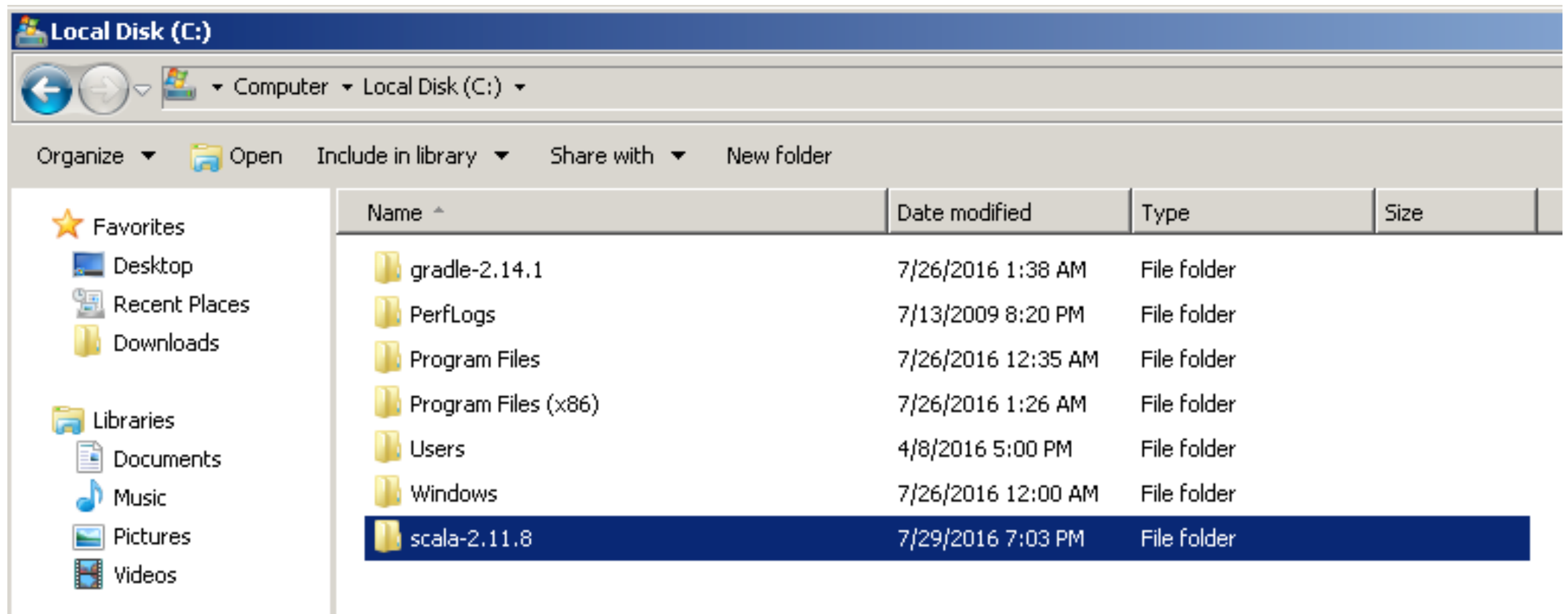
# Pre-requirement

❖ JDK 6 +

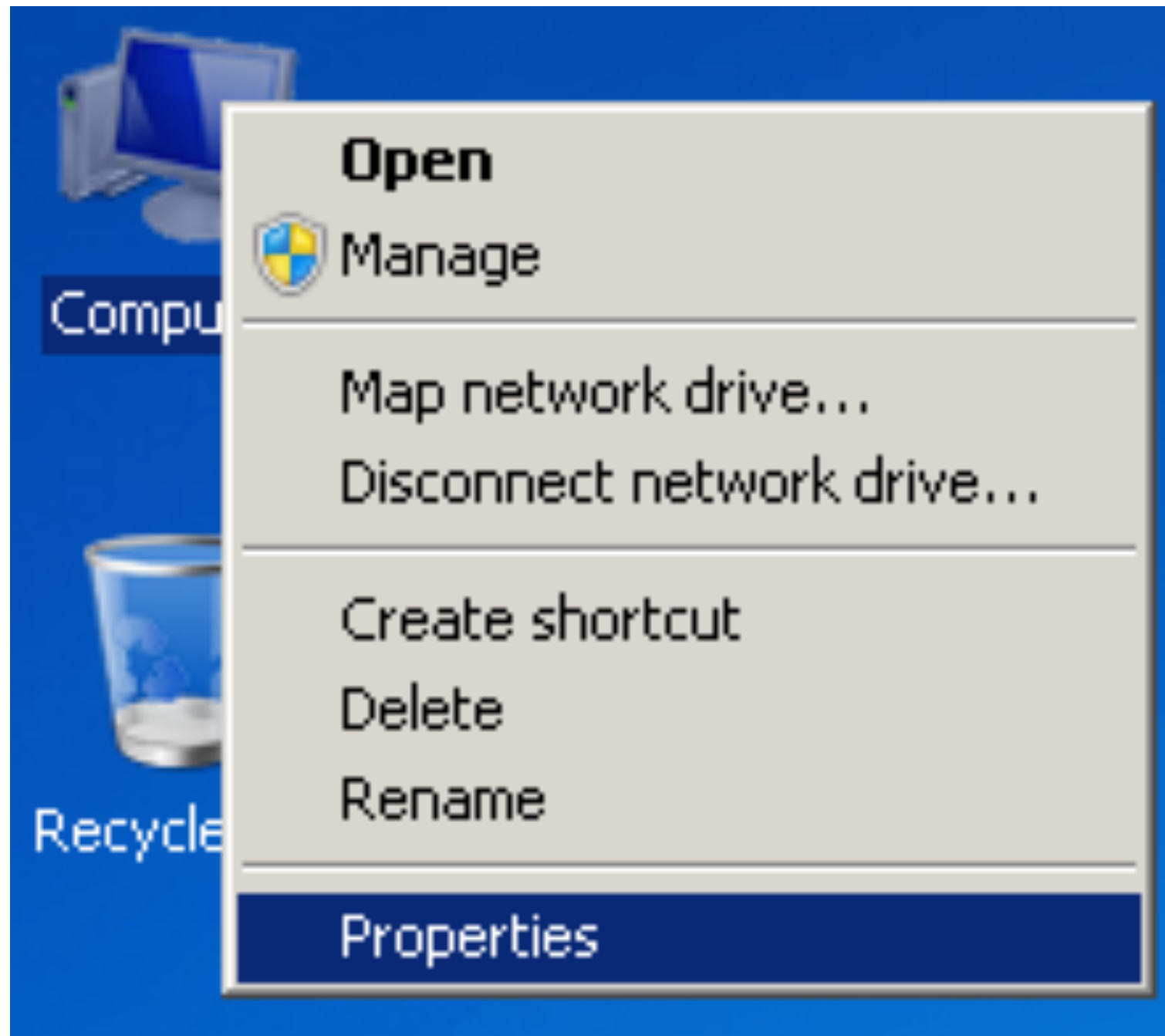
# Win version

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

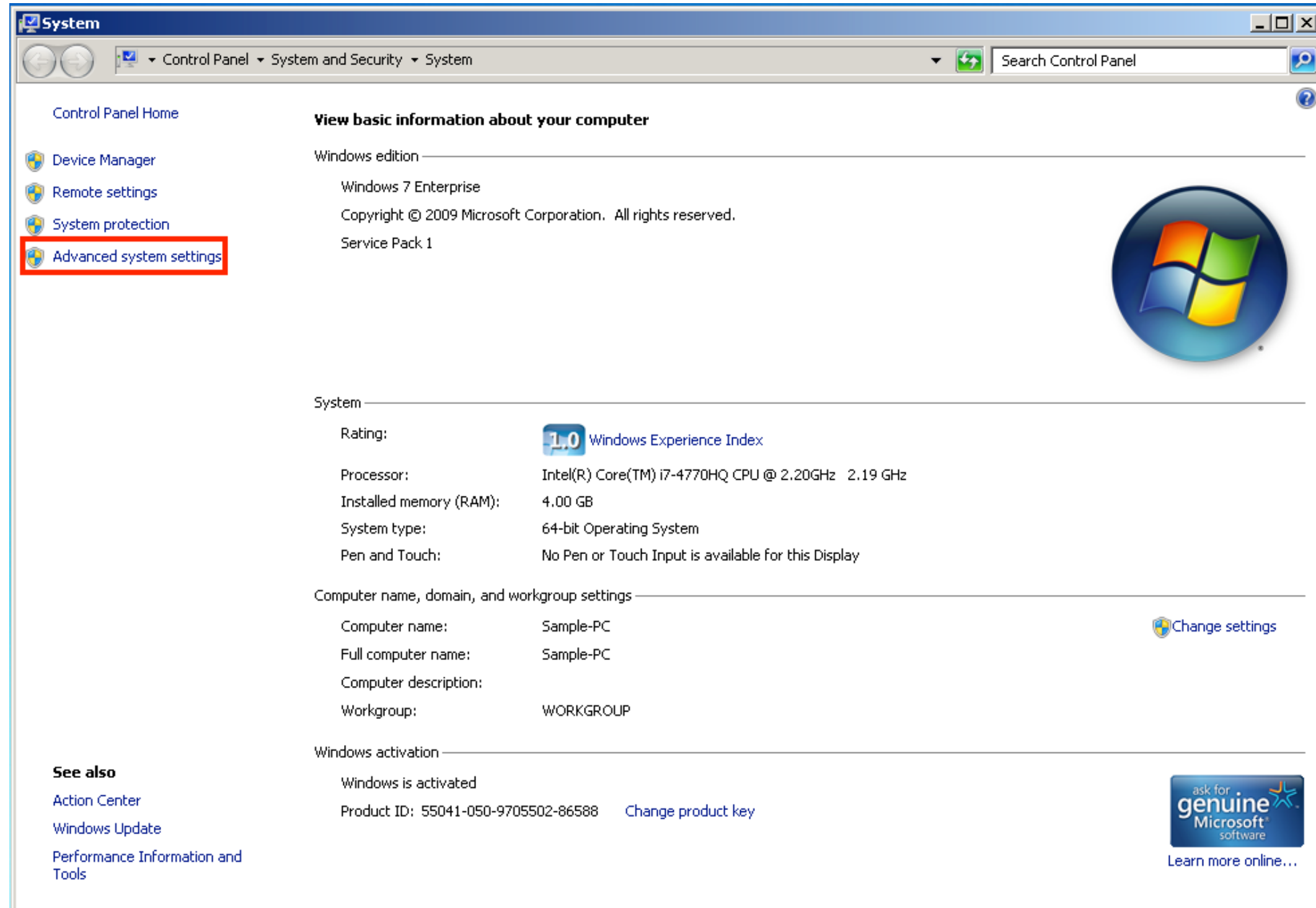
# Scala Installation



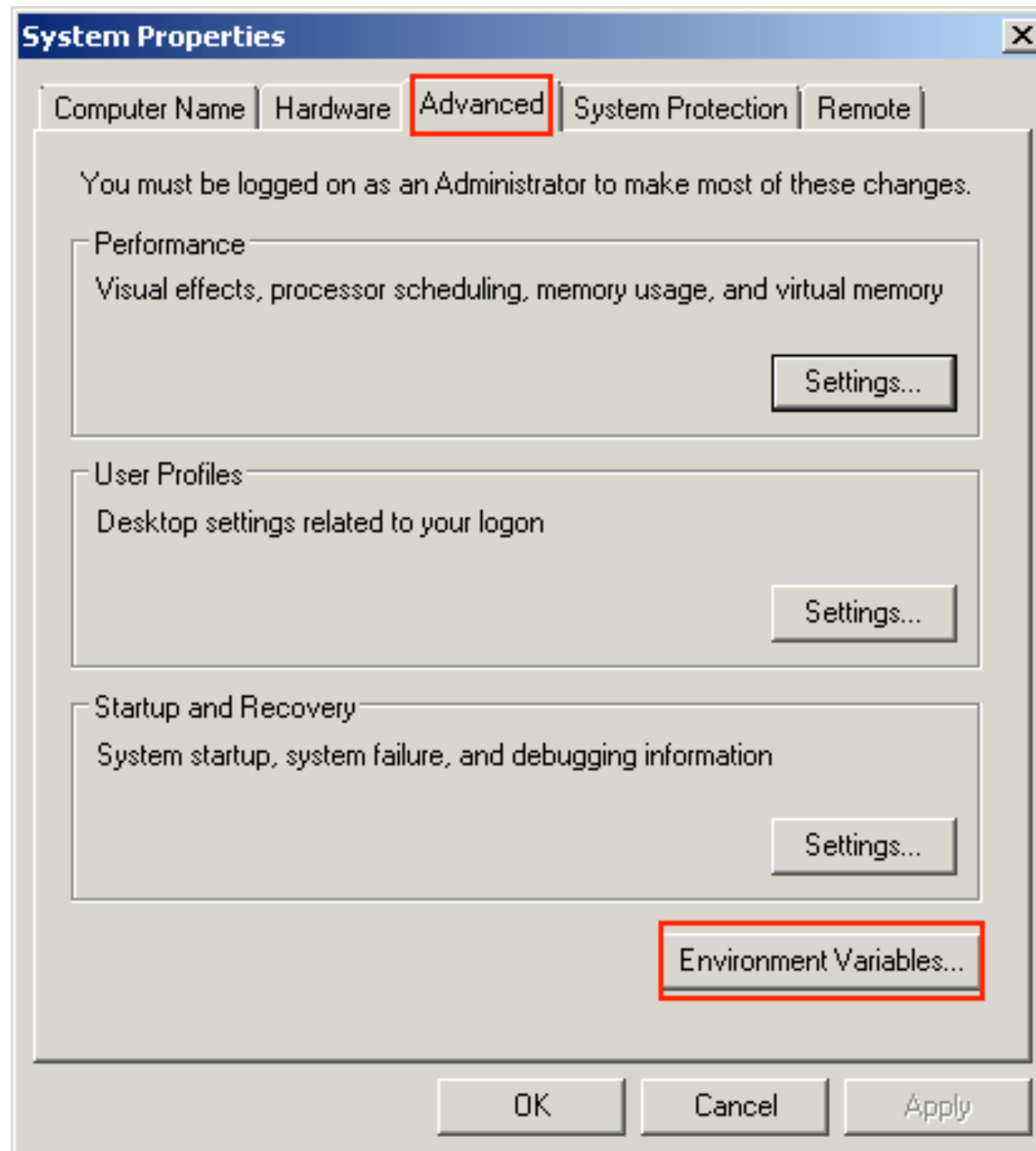
# Scala Installation



# Scala Installation



# Scala Installation

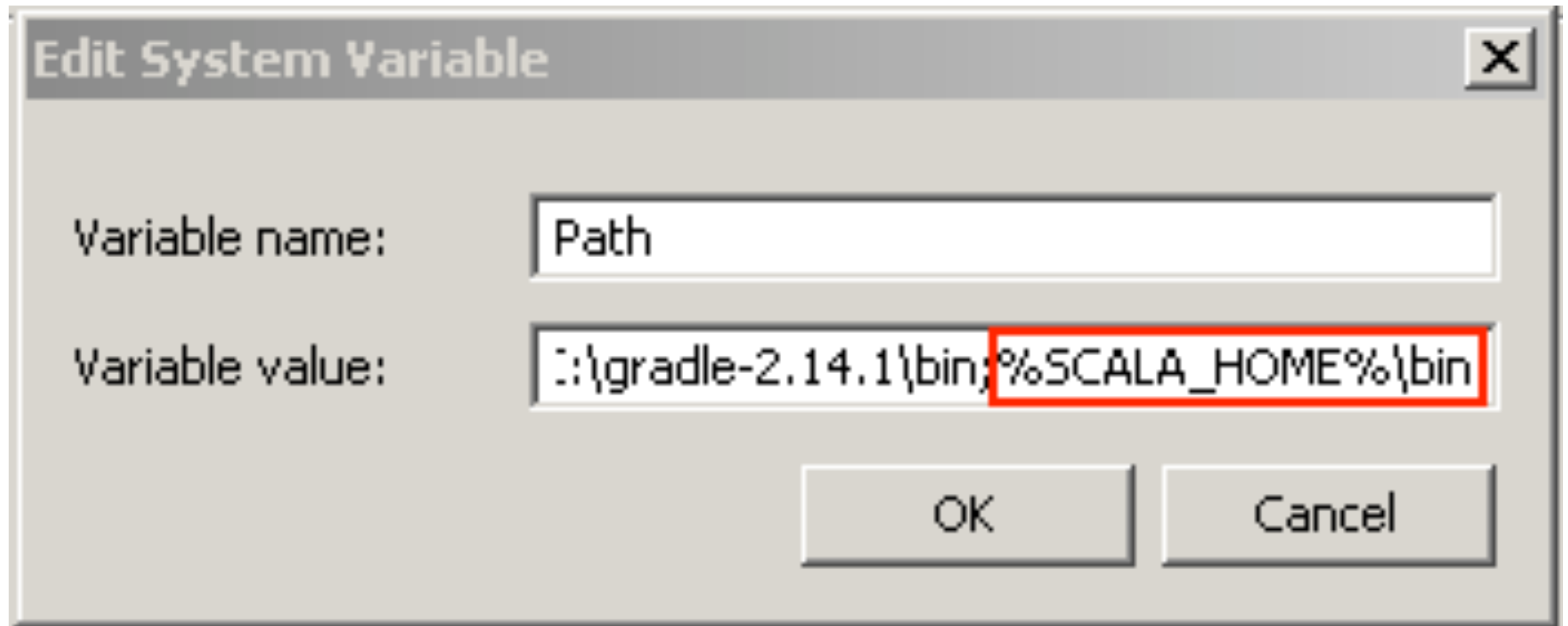


# Scala Installation





# Scala Installation



# 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

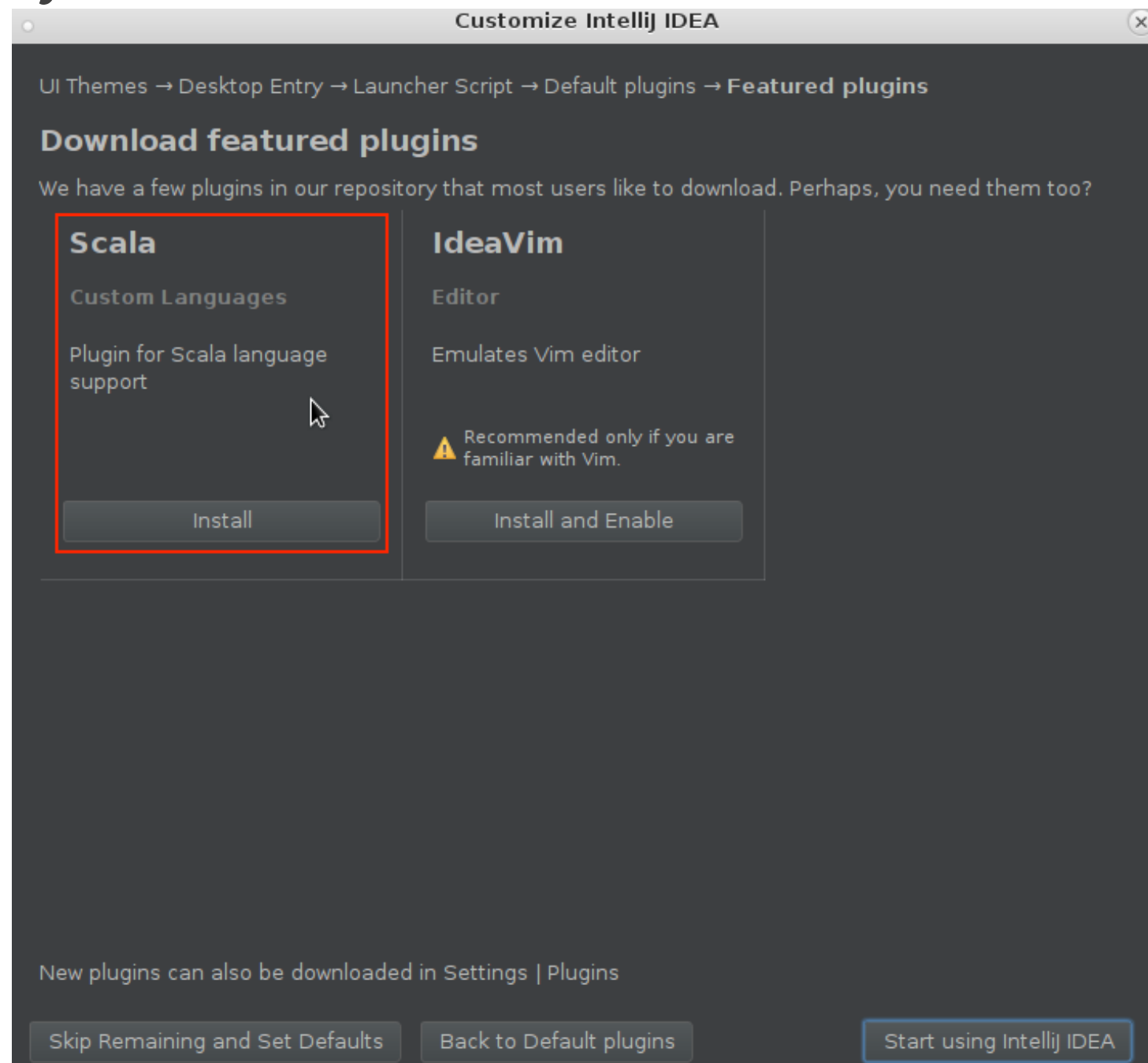
- ❖ Please download one shell script, it will install for you.
- ❖ \$ git clone <https://github.com/jiminhsieh/scala-sbt-installation-guide-2016.git>
- ❖ \$ ./scala-sbt-installation-guide-2016/script/scala\_sbt\_installation.sh
- ❖ After you install sbt, **please execute this command.**
  - ❖ \$ sbt

# IDE

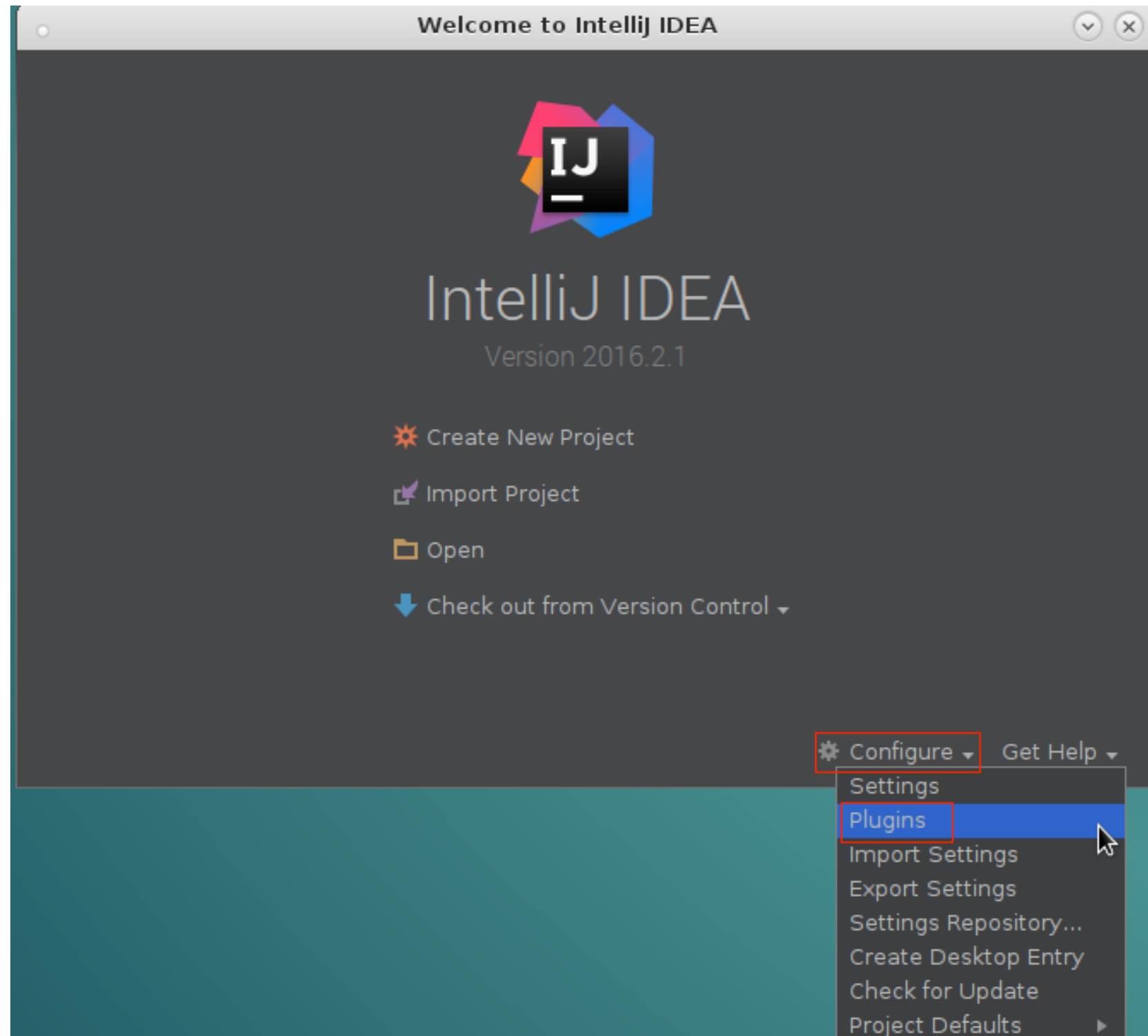
- ❖ IntelliJ IDEA Community(\*) with Scala plugin
  - ❖ <https://www.jetbrains.com/idea/download/>
  - ❖ In my opinion, I prefer to use IntelliJ.
- ❖ Scala IDE
  - ❖ <http://scala-ide.org/download/sdk.html>
- ❖ Eclipse with Scala plugin
  - ❖ Community already consider alternative IDE.

# IntelliJ IDEA with Scala plugin

- ❖ First time you start IntelliJ

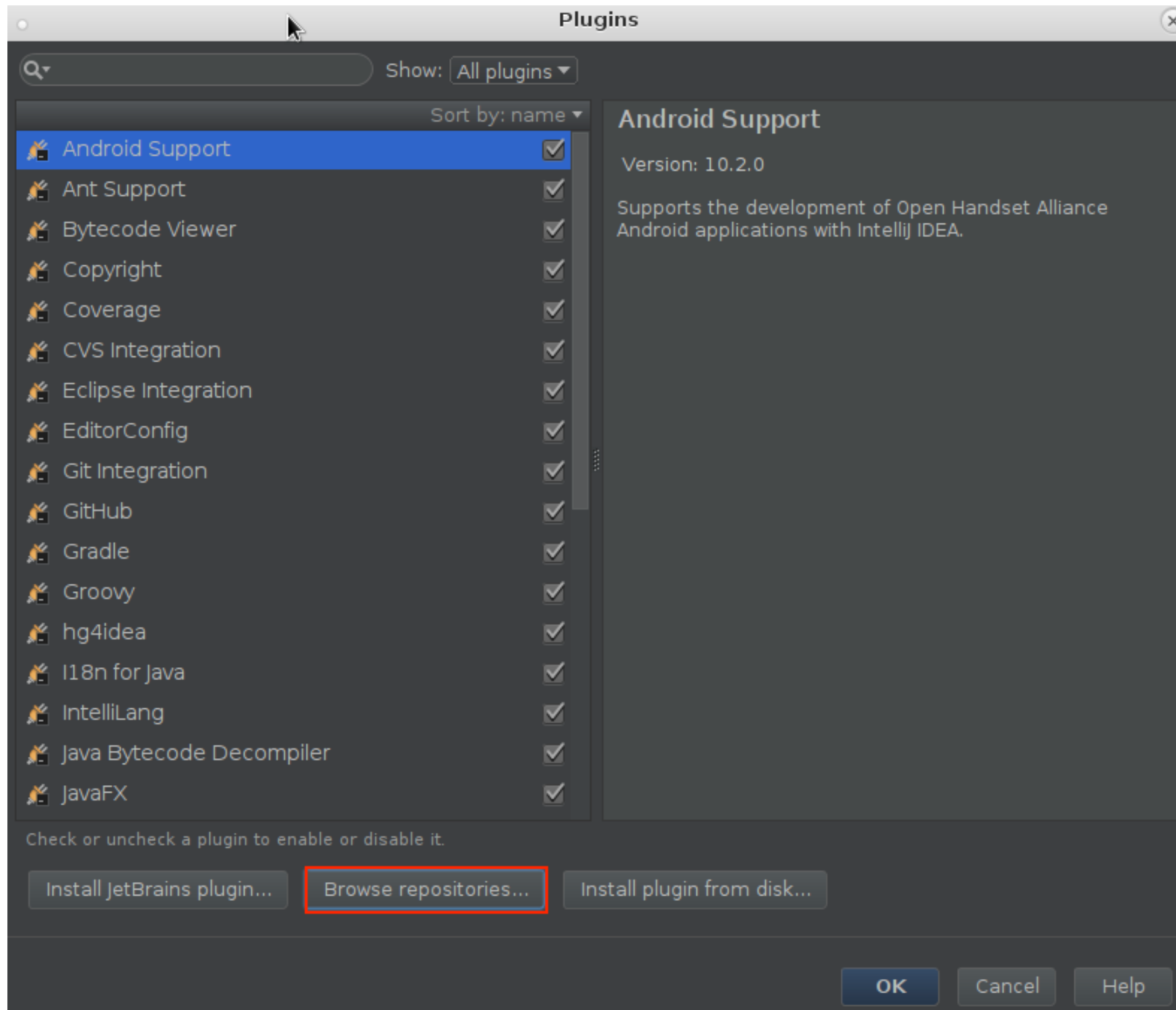


# IntelliJ after first time - 1

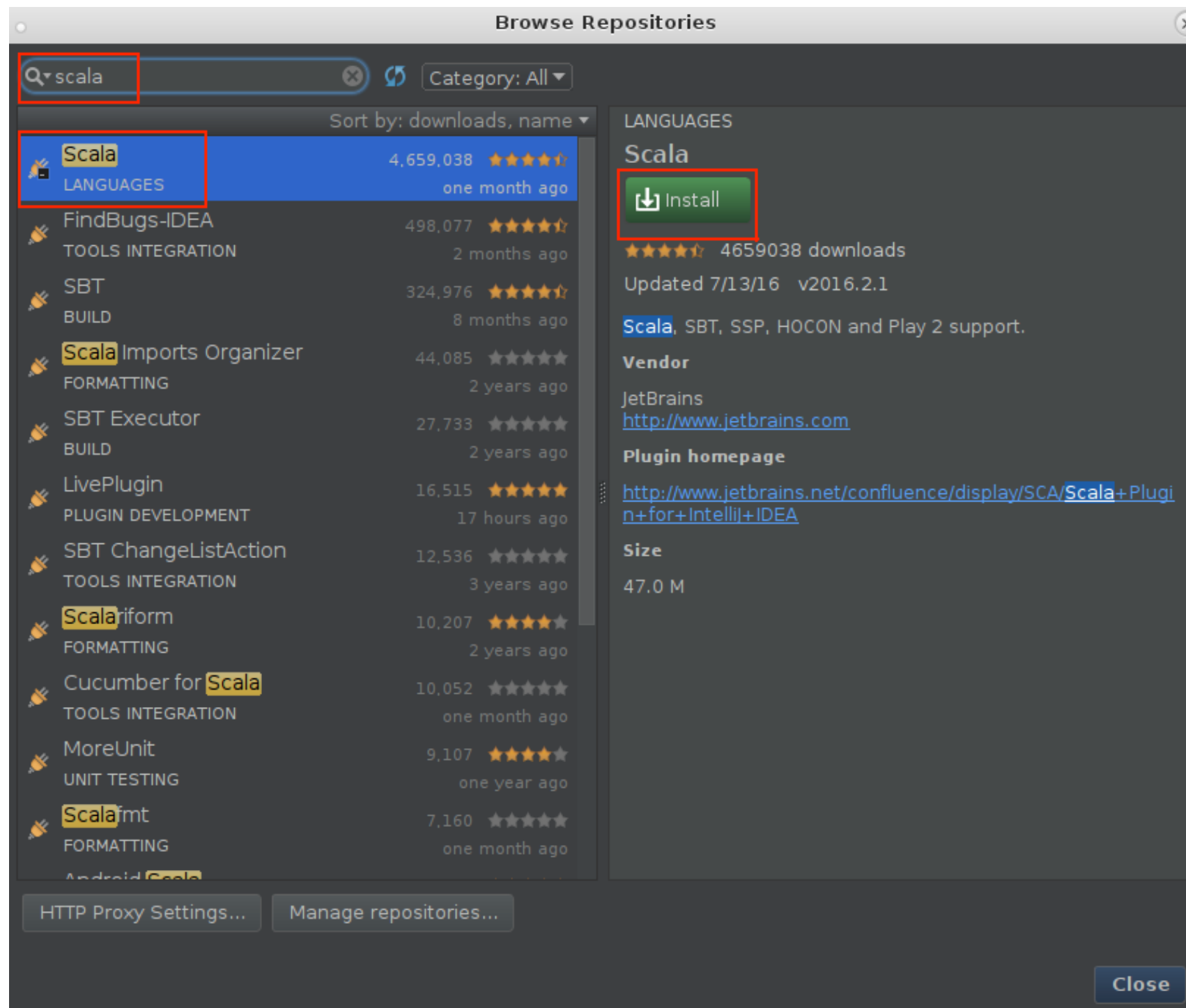




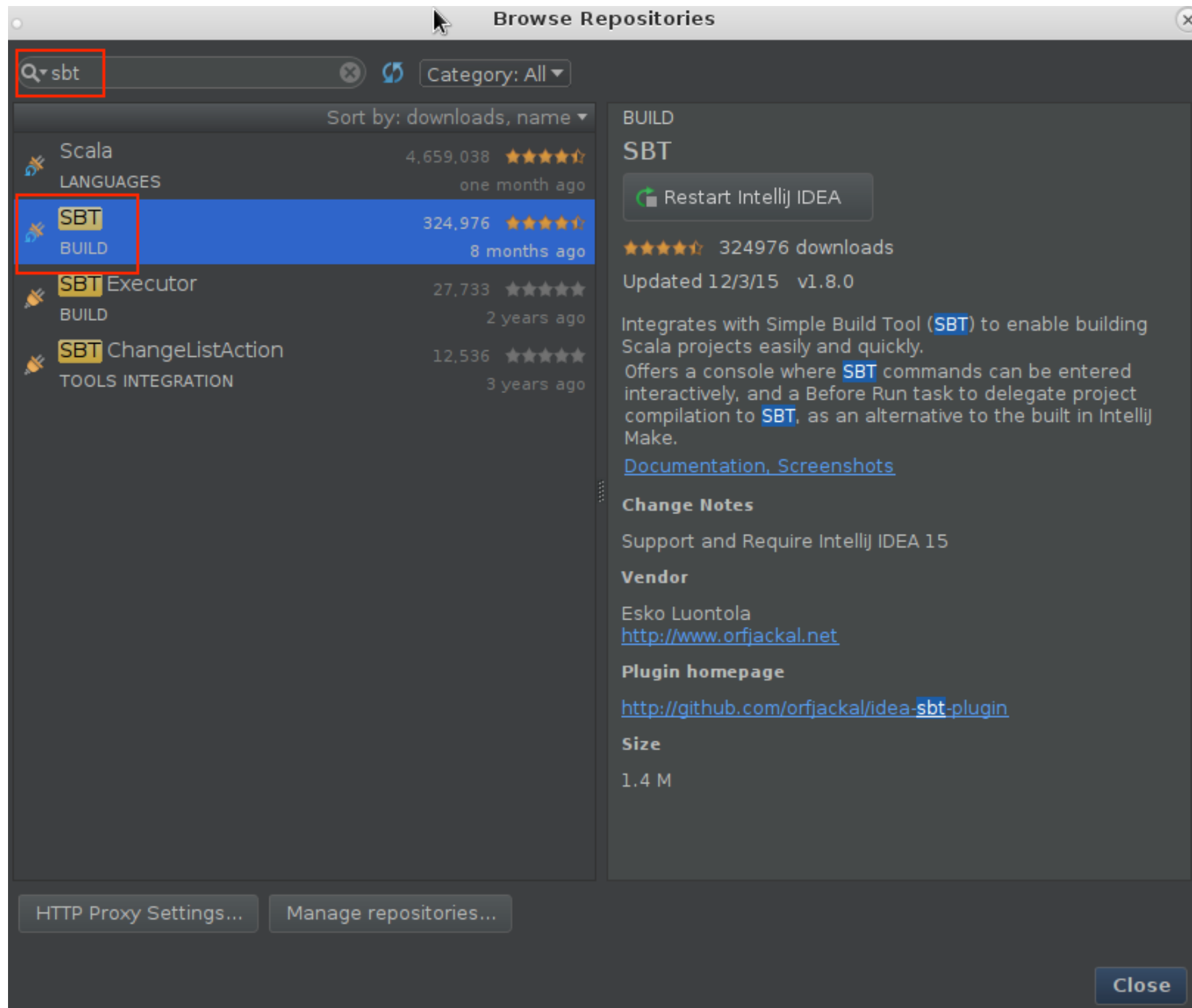
# IntelliJ after first time - 2



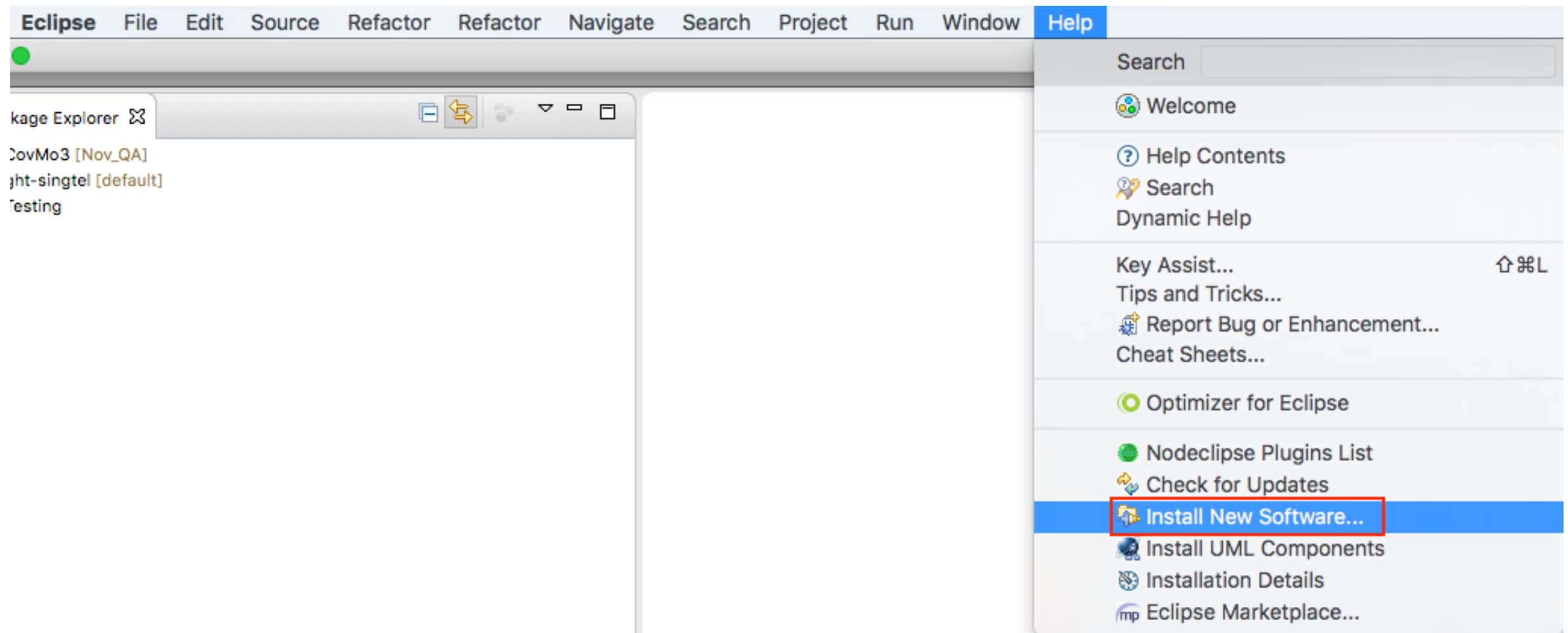
# IntelliJ after first time - 3



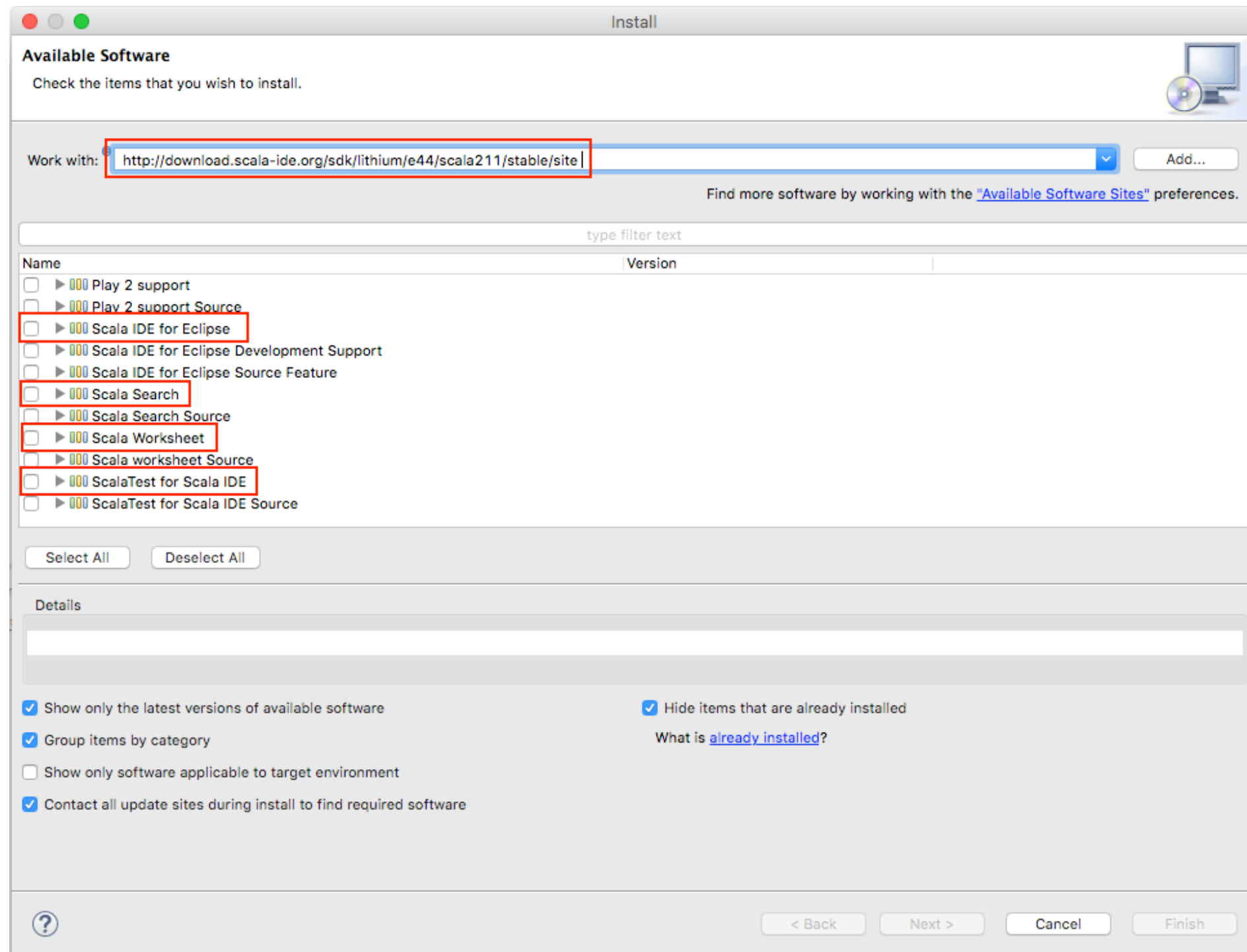
# IntelliJ after first time - 4



# Eclipse with Scala Plugin - 1



# Eclipse with Scala Plugin - 2



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

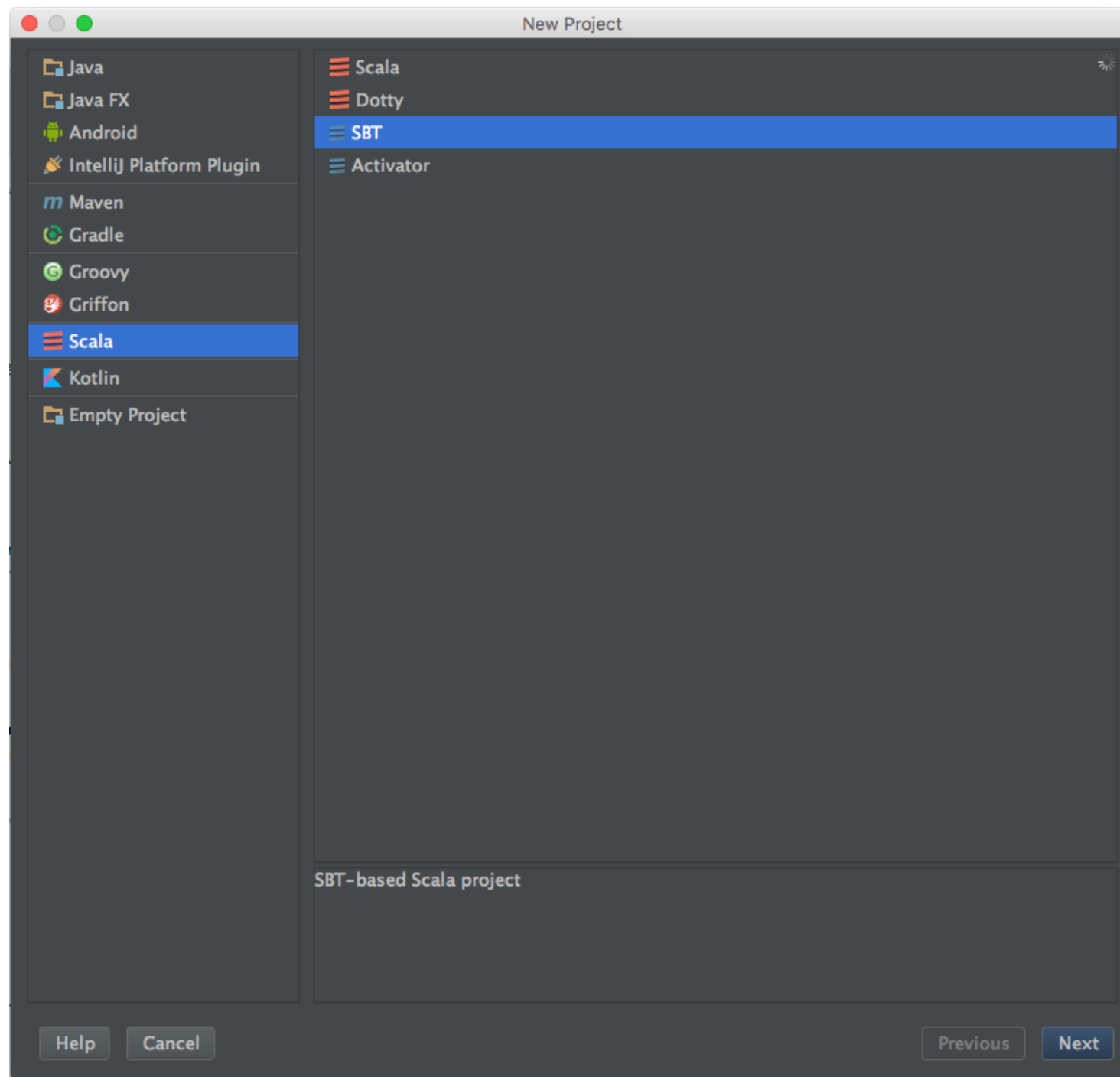
# Text Editors

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

# New Project with IntelliJ - 1

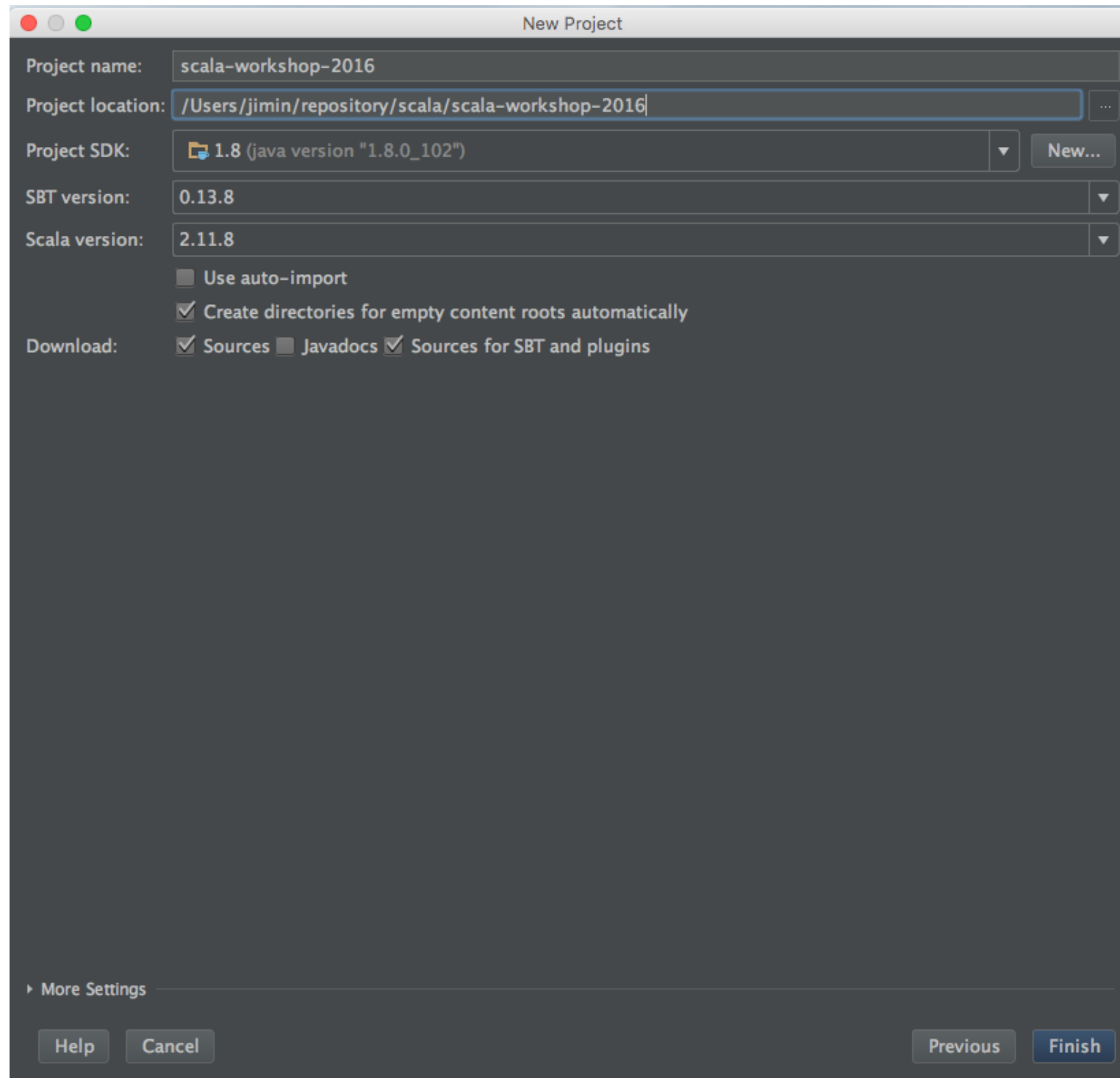


# New Project with IntelliJ - 2





# New Project with IntelliJ - 3



The image shows the 'New Project' dialog box in IntelliJ IDEA. The dialog is titled 'New Project' and has a dark gray background. It contains several fields and checkboxes for configuring a 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")
- 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

At the bottom, there is a 'More Settings' link, and buttons for 'Help', 'Cancel', 'Previous', and 'Finish'.

# New Project with IntelliJ - 4

