Installing Intellij and setup it up for SCALA/SPARK

Downloading Intellij IDEA:

Download Intellij from below link. (only community version)...

https://www.jetbrains.com/idea/download/#section=linux

Installing Intellij:

Untar the folder using bash command tar zxvf ideaIC-2016.1.2.tar.gz CD to bin and run ./idea.sh to execute the shell script.

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Install scala and IdeaVim plugins

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Now you are ready to go with Intellij IDEA.

Creating a project in scala:

New click on 'Create new project'.

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Select Scala from left pane and SBT from right pane.



Provide project name, select Project sdk as shown on image, check on 'use autoimport' and click finish button.

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<u>Creating a scala script:</u>

Follow the path to create scala script.

Go to Test_project => src => main, right click on main, New => scala script Provide script and <u>click OK</u>.



Setup for Spark on intellij IDEA:

Follow the steps to setup spark on intellij:

1. In project folder, in plugins.sbt, add

addSbtPlugin("com.eed3si9n" % "sbt-assembly" % "0.13.0") Run Tools VCS Ē 48 💌 🕨 🕷 📾 ect 👌 🕞 plugins.sbt addSbtPlugin("com.eed3si9n" % "sbt-as "0.13.0") mbly" % project [test_project-build] >-[5] (R) project target build.pr 🗖 main 🖿 java resources scala 0 target 3:57 n/a UTF-8: 🚡 💷 🖶 💷

- 2. It is preferable to use scalaVersion 2.10.x, so, change accordingly in Build.sbt
- 3. Add few lines of code in Build.sbt and save it.

```
libraryDependencies += "org.apache.spark" %% "spark-core" % "1.6.1"
libraryDependencies += "org.apache.spark" %% "spark-sql" % "1.6.1"
libraryDependencies += "org.apache.spark" %% "spark-mllib" % "1.6.1"
assemblyJarName in assembly := "MercyBuildV1.jar"
assemblyMergeStrategy in assembly := {
    case PathList("META-INF", xs @ _*) => MergeStrategy.discard
  case x => MergeStrategy.last
}
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                                   sion := "1.0"
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("META-INF", xs @ _*)
neStrategy.last
```

Intellij will take around half n hour to download spark plugin.