

## 1. Scala 설치 ( Mac )

- Homebrew를 이용하여 설치.

```
$ homebrew install scala
```

- Homebrew 설치 결과

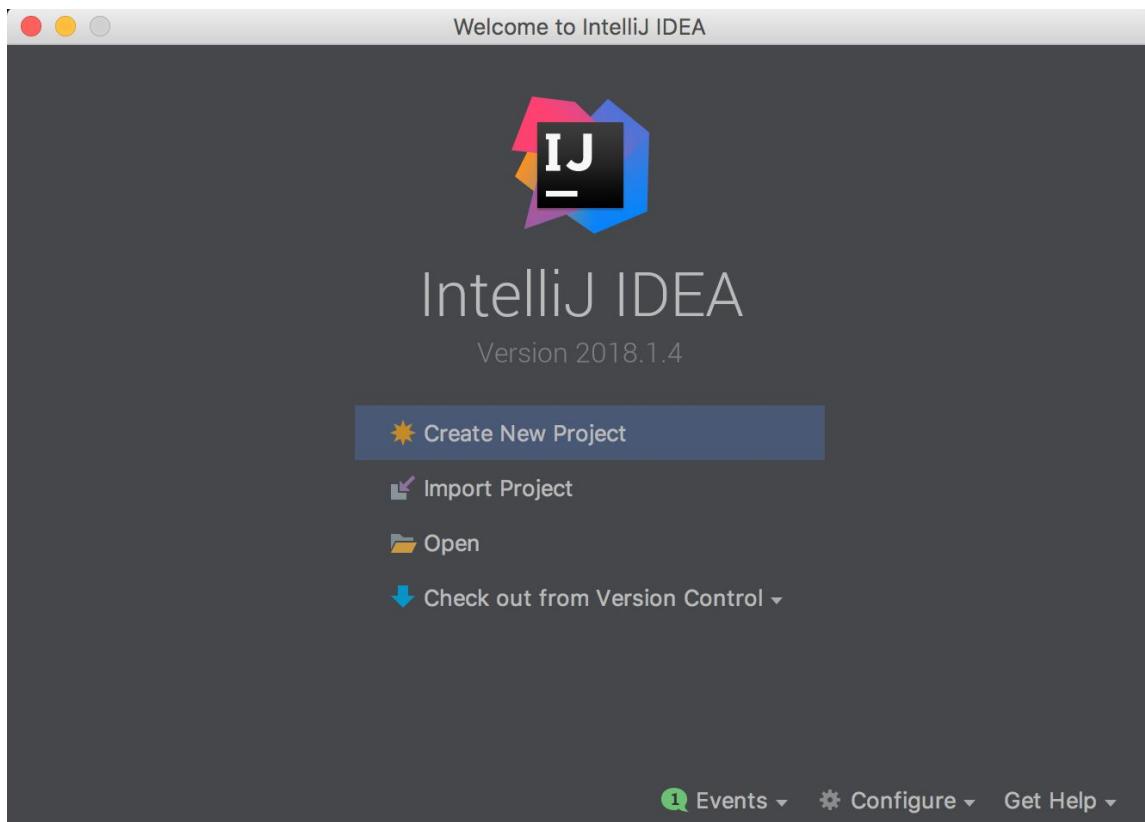
```
==> Summary
🍺 /usr/local/Cellar/scala/2.12.6: 44 files, 20.7MB, built in 5
seconds
```

## 2. IDE ( IntelliJ ) 설치

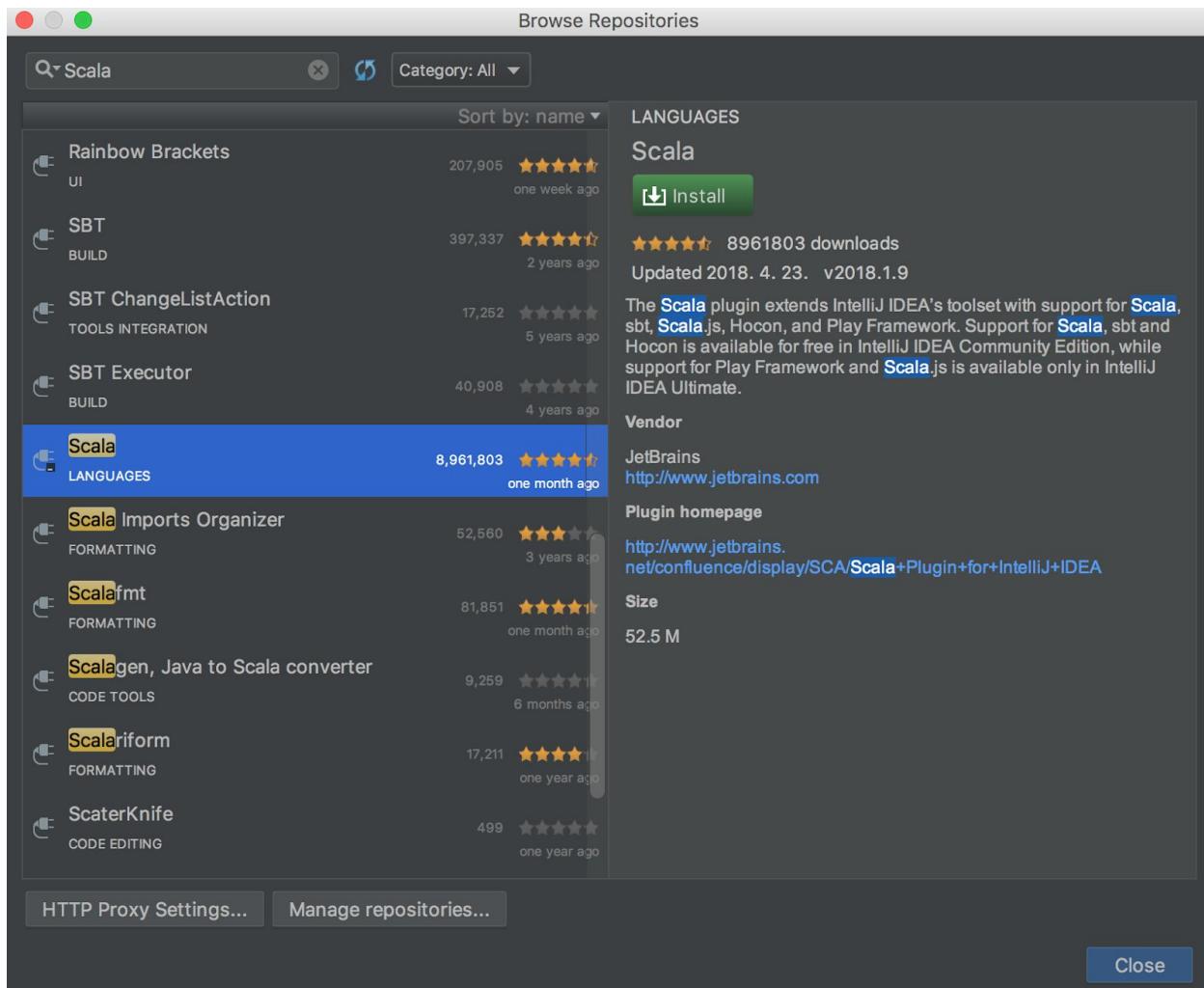
- IntelliJ IDE를 활용하여 스칼라를 학습예정.
- URL : <https://www.jetbrains.com/idea/download/#section=mac>

## 3. Scala Plugin 설치 ( IntelliJ )

- IntelliJ IDEA 실행화면.



- Configure 클릭 -> Plugins 클릭 -> Search Input form에 Scala 검색.



- Scala Plugin Install
- Create New Project를 하면 왼쪽화면에 Scala가 생긴다.

## 4. Jupyter Notebook

- 설치 도움 URL : <https://github.com/jupyter-scala/jupyter-scala>
- Prerequisite
  - Jupyter notebook >= 4.0
- Bash

```
#!/bin/bash
set -e

VERSION=0.4.2
AMMONIUM_VERSION=0.8.3-1
```

```
SCALA_VERSION=2.11.11 # Set to 2.12.2 for Scala 2.12

TYPELEVEL_SCALA=false # If true, set SCALA_VERSION above to a both
ammonium + TLS available version (e.g. 2.11.8)

EXTRA_OPTS=()

if which coursier >/dev/null; then
  GLOBAL_COURSIER=true
  COURSIER=coursier
else
  GLOBAL_COURSIER=false
  COURSIER="$(mktemp -t coursier.XXXXXXXXXX)"
  trap "{ rm -f \"$COURSIER\"; }" EXIT
  echo "Getting coursier launcher..." 2>&1
  curl -s -L -o "$COURSIER"
  https://github.com/coursier/coursier/raw/v1.0.0-RC1/coursier
  echo "Done" 2>&1
  chmod +x "$COURSIER"
fi

if [ "$TYPELEVEL_SCALA" = true ]; then
  EXTRA_OPTS+=( \
    -E org.scala-lang:scala-compiler \
    -E org.scala-lang:scala-library \
    -E org.scala-lang:scala-reflect \
    -I ammonite:org.typelevel:scala-compiler:$SCALA_VERSION \
    -I ammonite:org.typelevel:scala-library:$SCALA_VERSION \
    -I ammonite:org.typelevel:scala-reflect:$SCALA_VERSION \
  )
fi

"$COURSIER" launch \
  -r sonatype:releases -r sonatype:snapshots \
  -i ammonite \
  -I
ammonite:org.jupyter-scala:ammonite-runtime_$SCALA_VERSION:$AMMONIUM_ \
VERSION \  

```

```
-I ammonite:org.jupyter-scala:scala-api_${SCALA_VERSION}:$VERSION \
${EXTRA_OPTS[@]} \
org.jupyter-scala:scala-cli_${SCALA_VERSION}:$VERSION \
-- \
--id scala \
--name "Scala" \
"$@"

if [ "$GLOBAL_COURSIER" = false ]; then
  rm -f "$COURSIER"
fi
```

- Bash파일 실행.

```
$ source 배수파일.bash
```