

EDDiE On-Premise Install Guide on Mac OS X

Assuming EDDiE(codename Atlas) Mac OS X bundle is downloaded as `Atlas_v1.4.5_Darwin.tgz`, and untared to folder `Atlas_v1.4.5_Darwin`.

Install Dependencies

- **Java (JDK 8)**

<https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

Installation Verification

```
java -version
```

- **Spark (2.1+, recommend 2.3)**

<https://spark.apache.org/downloads.html>

Note: An alternative download option is running script(`./SMV/tools/spark-install`) which uses `curl` to download spark automatically.

Add the following to your shell profile(`~/ .bash_profile`)

```
export PATH="path_to_your_spark/bin:${PATH}"
```

Then source `~/ .bash_profile`.

Installation Verification

```
spark-submit --version
```

- **Git**

<https://git-scm.com/book/en/v2/Getting-Started-Installing-Git>

If you never configured git user on this account, now is time to do so.

```
$ git config --global user.email "eddie_git_admin@yourcompany.com"
$ git config --global user.name "eddie git admin"
```

Installation Verification

```
git config --global --get user.name
```

```
git config --global --get user.email
```

Start EDDiE Service

Init Database

```
$ ./tools/init-db.sh --demo
```

Note: **Please be very careful with this command.** EDDiE DB has info about the users, projects and configurations etc. If you already worked on EDDiE for sometime, this command can erase all the configurations you did from the UI.

Launch service

```
$ ./tools/run_atlas.sh --hadoop-conf-dir `pwd`/conf/hadoop
```

Note: If you want to restart EDDiE, just Ctrl-C to kill the process and re-run the launch command.

Access the Web UI (Chrome is highly recommended)

```
https://localhost:10000
```

```
User/Password: admin/test
```

Note: EDDiE UI uses https instead of http. If the url of EDDiE server does not have a https certificate, the browsers may ask user to confirm for cert-missing the first time you login. You can just ignore it and continue access. Optionally, if you want to make https secure, there will need some more configuration.

Beginner tutorial

https://github.com/DataSenseAnalytics/PubEddie/blob/master/beginner_tutorial/beginner_tutorial.md