

Running KLD on OS X

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Install MongoDB Community Edition on OS X

Install Homebrew

```
/usr/bin/ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"
```

Update Homebrew

```
brew update
```

Install MongoDB

```
brew install mongodb
```

Create directory for MongoDB

```
mkdir -p ~/database
```

Run MongoDB

```
sudo mongod --dbpath ~/database
```

Install Node.js on OS X

<https://nodejs.org/en/download/>

Install JDK on OS X

https://docs.oracle.com/javase/8/docs/technotes/guides/install/mac_jdk.html

Install KLD on OS X

Download GIT client for OS X at <https://git-scm.com/download/mac>

```
git clone https://github.com/koneksys/KLD.git
cd KLD
cd api
npm install
cd ../middleware
npm install
cd ../client
npm install
```

Run KLD on OS X

Instruction: Run Middleware, API server, and Client in different terminal

Run Middleware

```
cd KLD/middleware
npm start conf/conf.js
```

Run API Server

```
cd KLD/api
npm start conf/conf.js
```

Run Client

```
cd KLD/client
npm start
```

Create sample organization and user account database

```
cd KLD/api
```

```
npm run orgadd ExampleCompany http://example.com info@example.com "We are ExampleCompany"
```

```
npm run useradd demo@example.com demo ExampleCompany true
```

Open KLD client

<http://localhost:9000/>

Login account

user: demo@example.com

password: demo

Before using Client, you have to initialize triplestore and search server

1. Go to provisioning tab
2. Click Initial/Cleanup Provisioning for initializing triplestore and search server

Koneksys Linked Data demo@example.com

[Dashboard](#) [Types](#) [SPARQL](#) [Search & Edit](#) [Import](#) [Provisioning](#) [Contact](#)

[Initiate/Cleanup Provisioning](#)

Thu Dec 15 2016 13:56:50 GMT+0700 (ICT): Datastore has been started

Thu Dec 15 2016 13:56:41 GMT+0700 (ICT): Datastore has been stopped

Thu Dec 15 2016 13:56:39 GMT+0700 (ICT): ./data/profiles/ExampleCompanyProvisioning.provisioning.json has been added!

Thu Dec 15 2016 13:56:39 GMT+0700 (ICT): Provisioning files of ExampleCompanyProvisioning have been deleted!

Thu Dec 15 2016 13:56:39 GMT+0700 (ICT): Provisioning database has been deleted