Jhipster - document

# Prequisite

Following application should be installed by steps bellow:

1. Java SDK 1.8, including setup JAVA\_HOME
2. Git over setup exe file
3. Mysql over exe to setup database. Including worldbeck tools
4. Note JS
5. Install Yarn from noteJS – **npm install -g yarn**
6. Install bower from noteJS – **npm install -g bower**
7. Install gulp-cli from notejs – **npm install -g gulp-cli**
8. Install yo from note js – **npm install -g yo**
9. Install generator-jhipster from note js – **npm install -g generator-jhipster**
10. Install liquibase by zip packet download, then put this location into path system variable
11. After done, let check all by following command:
    1. **Npm –version**
    2. **Bower –version**
    3. **Gulp –version**
    4. **Yo –version**
    5. **Jhipster –version**
    6. **Liquibase –version**
12. Download eclipse oxygen: adding jhipster from market and add STS from <https://spring.io/tools/sts/all>

# How to create an JHipster application

## Using simple command line

Open command line then creates application folder by **mkdir [folder\_name]**

Go inside this folder by cd **[folder\_name]**

User this command to create new JHipster application by **yo jhipster**

Note that without yo, application may get [blank page issue](https://github.com/jhipster/generator-jhipster/issues/4466) although create and build successful.

After create process is done, open **[folder\_name]/src/main/resources/config/application-dev.yml** find the db configuration line to add mysql credentials.

Create MySQL Schema as the dbname in connection line: url: jdbc:mysql://localhost:3306/**JHipsterHi**?useUnicode=true&characterEncoding=utf8&useSSL=false

After that, go back to command line windows then type nvmw to compiler and deploy this app.

After success then use <http://localhost:8080> to access to application.

Liquibase – document

How do liquibase work ?

Maven/Gradle – Document

* How to create task to (create jhipster entity) change log?? – actually don’t understand much about this??

Spring JPA – Document

How to do custom query?

Postman – Document

How to test API directly?

How to expose API ?

How front-end call API?

How to work with HTTP header/param?

GIT

# Installation, Configuration

Download and install from this source <https://git-scm.com/downloads>

Configuration with following information

$git config –global user.name “hungdangtung”

$git config –global user.email [hung.dangtung@yahoo.com.vn](mailto:hung.dangtung@yahoo.com.vn)

# How to use

## Importing a new project

Assume this project stay inside a folder, open command prompt go to this folder. Using this command to initial works.

$git init

After initialize, using this command to take a snapshot of contexts of all files under this folder

$git add .

After take this snapshot, using following command to commit this content to git.

$git commit

## Using Git for collaboration

Using this to get code from a repository from git.

$git clone <repository link>

Note that: this comand will download all code in to a folder which name is the name of this repository.

After editting the files into this folder. Using this command to commit this.

$git commit –a

If new files were added, using this command again to added those in to folder

$git add . (or $git add <file name>)

Then using commit to commit those file.

To update files in a repository using

$git pull [Repository name] or just execute $git pull inside this repository folder.