

GIT

GIT is created by Linus Torvald(who created Linux kernel which is open source)
GIT is a distributed version control system

Trunk Based Development : we can create branches in the GIT repository and push and commit the code as per the versions

GitHub, gitLab, Atlassian BitBucket are the platforms for the developers

- Create Repository and create a file

By default it will be created in master

- you can create branches for adding/updating the file, thus maintaining versions

- If you want to merge the changes, try to merge by pull request with the new branch created with the updates and the master branch.

- git Fork

If you want to contribute to any open source project , you can fork that repository means, make a copy of the repository .

Forking a repository **allows you to freely experiment with changes without affecting the original project.**

To copy local project into git remote repository:

```
git init
cp ../FXRATE/.gitignore .
git status
git add --all
git status
git commit -am "initial changes "
git remote add origin git@github.com:harinikokinti/MyFirstSpringBootProject.git
git status
git push origin master
```

- To remove the already added remote by alias(origin)

```
git remote rm origin
```

- Design. ...
- Security. ...
- Testing. ...
- Increased operational complexity. ...
- Communication. ...
- Your defined domain is unclear/uncertain. ...
- Improved efficiency isn't guaranteed. ...
- Application size is small or uncomplex.

Data seen on the browser in JSON format by default or we can have a view in jsp file. It is not REST application

Gitignore file

```

*.project
*.classpath
*.springbeans
*.iml
**/*.settings
**/target
**/bin
**/build
**/RemoteSystemsTempFiles
**/servers
**/.metadata
**/.settings
**/.idea
**/out
**/.recommenders
**/*.gitignore
**/Servers
**/*.log

```

— To open gitignore file

vi .gitignore

echo \$JAVA_HOME

export JAVA_HOME =/usr/bin/java

To kill a process:

ps -ef |grep Tomcat

Kill -9 <psid>

To open Desktop

Cd ~/Desktop

After installing tomcat:

Give executable permission c

chmod +x *.sh

To run as a jar in terminal

Java -jar <jarfile>

Tomcat path:

/Users/dhilli/Desktop/software/apache-tomcat-9.0.63/webapps

/Users/dhilli/codebase/lowes_javabootcamp-dih-batch2/assignments/employee-mgmt-with-spring-mvc/target

cp /Users/dhilli/codebase/lowes_javabootcamp-dih-batch2/assignments/

```
employee-mgmt-with-spring-mvc/target/employee-mgmt-with-spring-mvc.war /  
Users/dhilli/Desktop/software/apache-tomcat-9.0.63/webapps
```

```
cp /Users/dhilli/codebase/lowes_javabootcamp-dih-batch2/assignments/corejava/  
employee-mgmt-app05/target/employee-mgmt-app05.war /Users/dhilli/Desktop/  
software/apache-tomcat-9.0.63/webapps
```

```
/Users/dhilli/codebase/lowes_javafullstack-dih-batch2/labs/examples/employee-  
mgmt-app05target/employee-mgmt-app05.war /Users/dhilli/Desktop/software/  
apache-tomcat-9.0.63/webapps
```

```
/Users/dhilli/Desktop/software/apache-tomcat-9.0.63/webapps
```

```
cp /Users/dhilli/codebase/lowes_javabootcamp-dih-batch2/labs/springrest/spring-  
rest-labs-demo/target/spring-rest-labs.war /Users/dhilli/Desktop/software/  
apache-tomcat-9.0.63/webapps
```

```
cp /Users/dhilli/codebase/lowes_javafullstack-dih-batch2/labs/examples/spring-  
rest-examples/target/spring-rest-examples.war /Users/dhilli/Desktop/software/  
apache-tomcat-9.0.63/webapps
```

```
cp /Users/dhilli/codebase/lowes_javabootcamp-dih-batch2/labs/springrest/spring-  
rest-labs-demo/target/spring-rest-labs.war /Users/dhilli/Desktop/software/  
apache-tomcat-9.0.63/webapps
```

```
cp /Users/dhilli/codebase/lowes_javabootcamp-dih-batch2/assignments/corejava/  
employee-mgmt-with-spring-rest/target/employee-mgmt-with-spring-rest.war /  
Users/dhilli/Desktop/software/apache-tomcat-9.0.63/webapps
```

LOWES recording link;

https://xebiagroup-my.sharepoint.com/personal/harshit_jaiswal_xebia_com/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Fharshit%5Fjaiswal%5Fxebia%5Fcom%2FDocuments%2FLows%20JAVA%20Full%20Stack%2D10th%20May%20to%2020th%20June&ga=1