

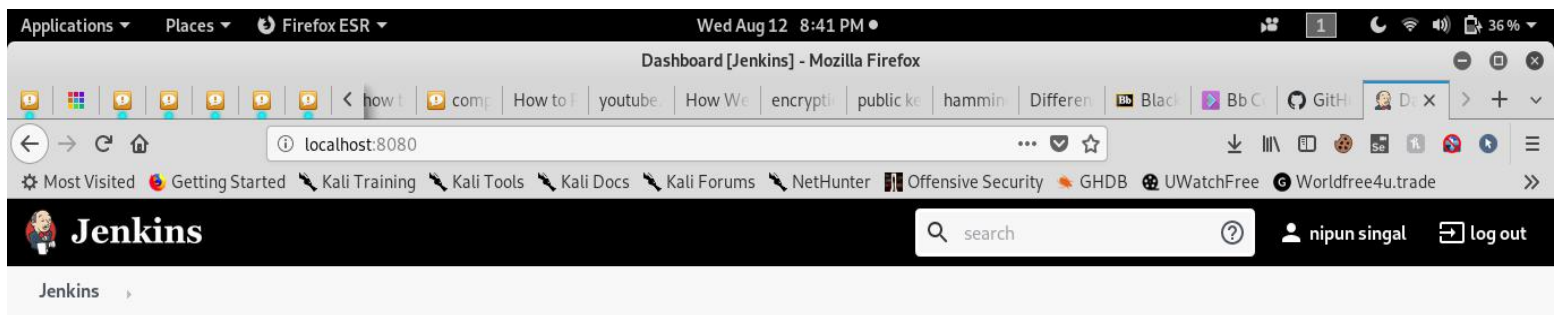
NIPUN SINGAL  
R171218069  
500069052

## CICD LAB FILE

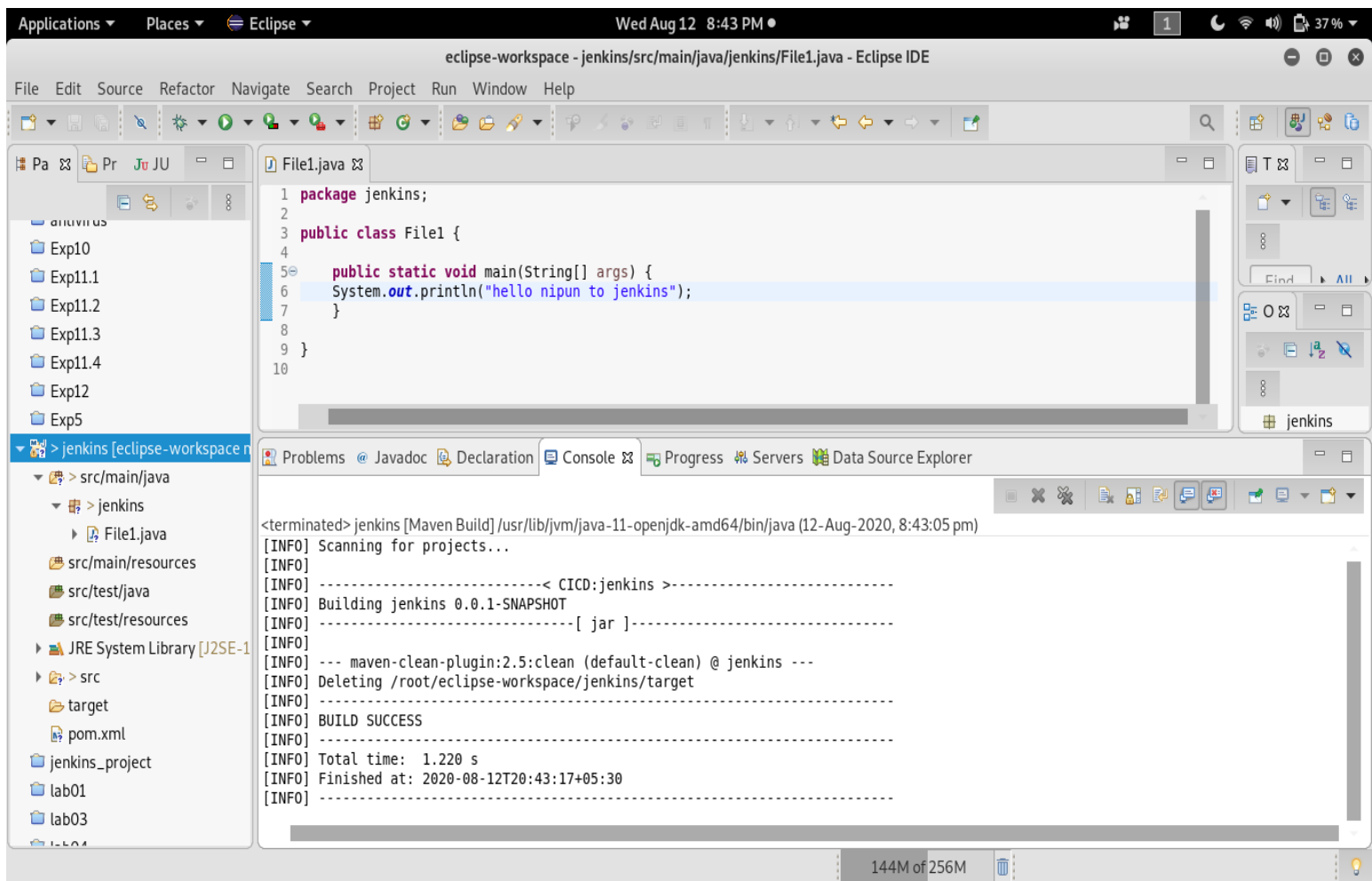
### EXPERIMENT-3

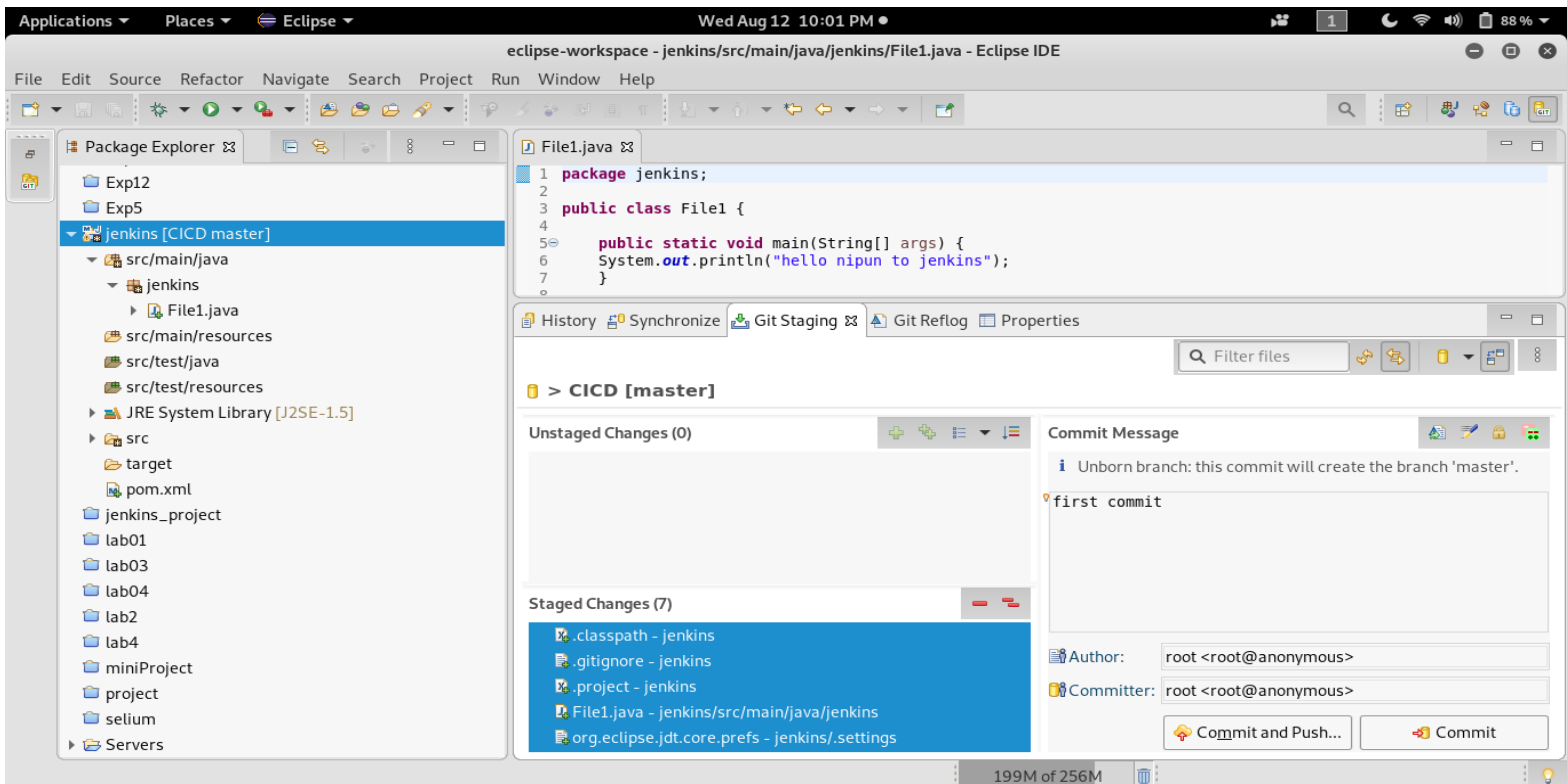
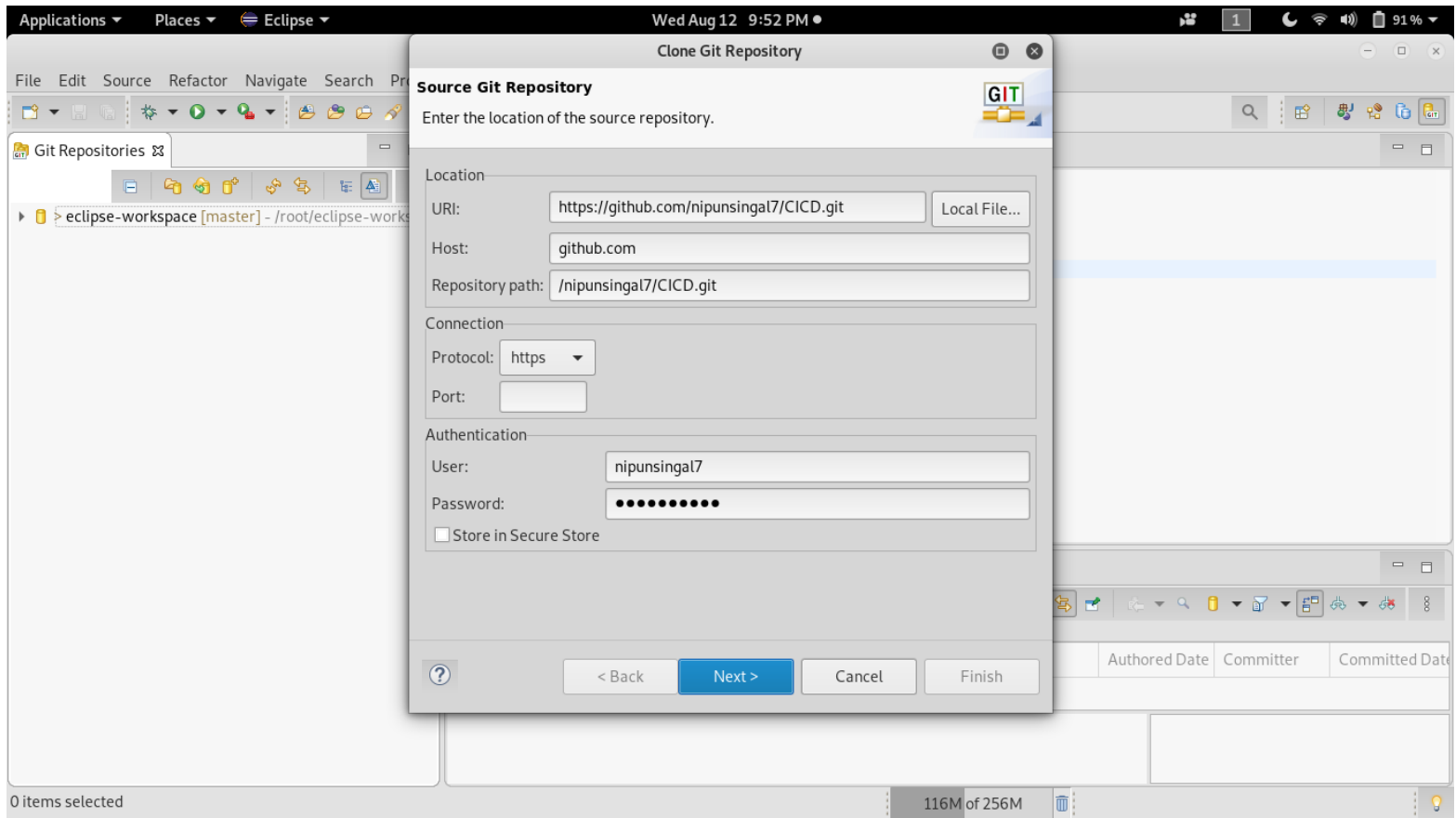
**AIM:** Jenkins integration with GitHub and Maven

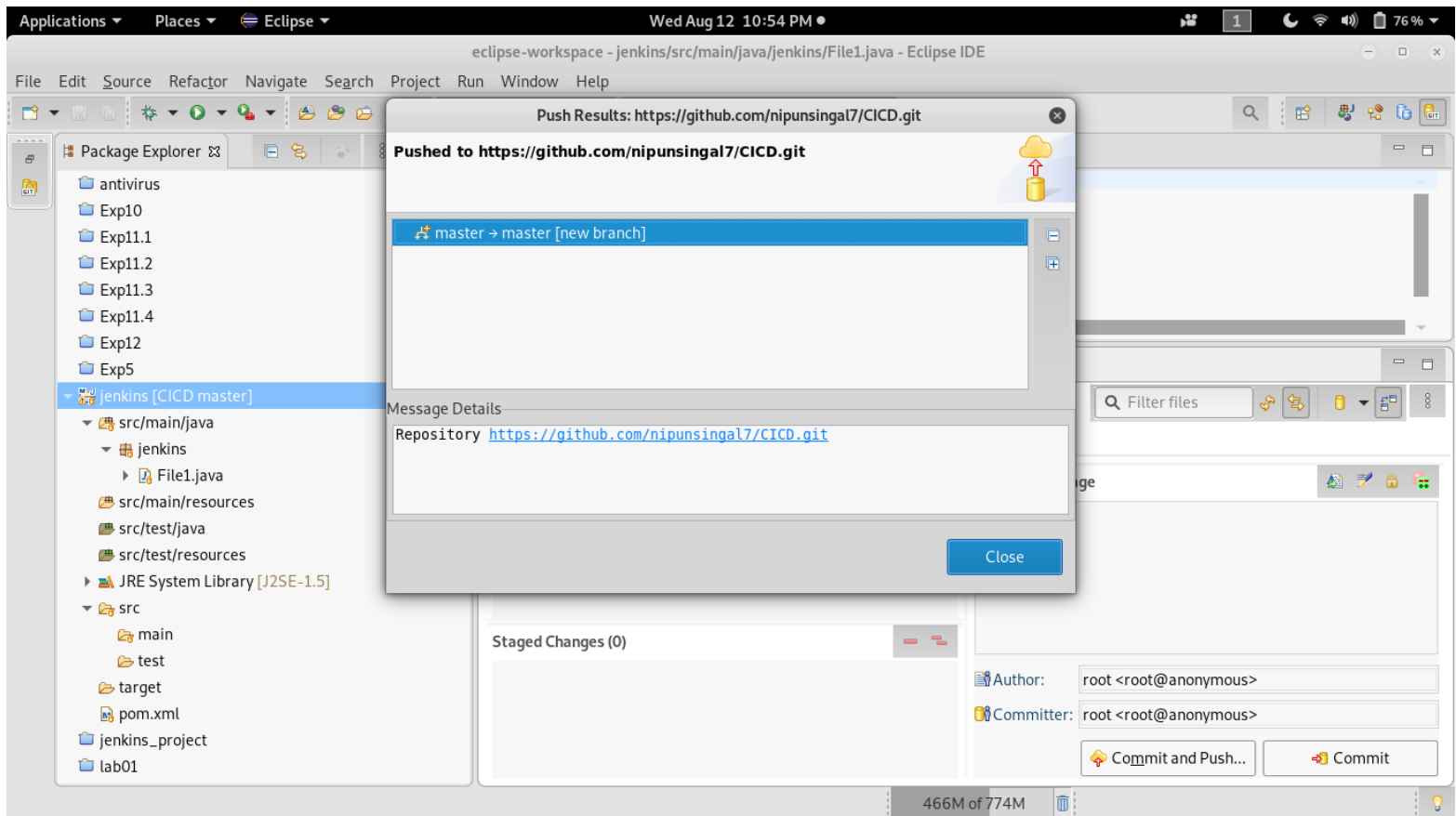
Steps: 1) Start jenkins and go to manage jenkins



- 2) Now go to manage plugins and install maven plugin
- 3) Now you have maven plugin in your jenkins, also install maven in your pc if not installed already.
- 4) Now open eclipse and make a maven project there
- 5) Now push the maven project to the github







6) Now again go back to jenkins and select new item and create the maven project there

7) put the github url in git section

8) In build section put the path of poem file and in goal write clean

9) save it and click on build now to build the project

10) now you are done

Applications ▾ Places ▾ Firefox ESR ▾ Thu Aug 13 12:19 PM ●

CICD\_Project Config [Jenkins] - Mozilla Firefox

localhost:8080/me/my-views/view/all/job/CICD\_Project/configure

Jenkins ▸ nipunsingal ▸ My Views ▸ All ▸ CICD\_Project ▸

General Source Code Management Build Triggers Build Environment **Pre Steps** Build Post Steps Build Settings

Post-build Actions

Add pre-build step ▾

**Build**

Root POM  ?

Goals and options  ?

Advanced...

**Post Steps**

☐ Run only if build succeeds ☐ Run only if build succeeds or is unstable ☒ Run regardless of build result

Should the post-build steps run only for successful builds, etc.

Save Apply

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CICD\_Project #7 Console [Jenkins] - Mozilla Firefox

localhost:8080/me/my-views/view/all/job/CICD\_Project/7/console

Jenkins ▸ nipunsingal ▸ My Views ▸ All ▸ CICD\_Project ▸ #7

```
alpha-0.0.1-SNAPSHOT-jenkins-0.0.1-SNAPSHOT.jar (1.3 kB at 1.1 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.5/plexus-
utils-3.0.5.jar
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-digest/1.0/plexus-
digest-1.0.jar
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-digest/1.0/plexus-
digest-1.0.jar (12 kB at 10 kB/s)
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.5/plexus-
utils-3.0.5.jar (230 kB at 73 kB/s)
[INFO] Installing /var/lib/jenkins/workspace/CICD_Project/jenkins/target/jenkins-0.0.1-SNAPSHOT.jar to /var/lib/jenkins
/.m2/repository/DEVOPS/jenkins/0.0.1-SNAPSHOT/jenkins-0.0.1-SNAPSHOT.jar
[INFO] Installing /var/lib/jenkins/workspace/CICD_Project/jenkins/pom.xml to /var/lib/jenkins/.m2/repository/DEVOPS
/jenkins/0.0.1-SNAPSHOT/jenkins-0.0.1-SNAPSHOT.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 03:27 min
[INFO] Finished at: 2020-08-13T12:25:33+05:30
[INFO] -----
Waiting for Jenkins to finish collecting data
[JENKINS] Archiving /var/lib/jenkins/workspace/CICD_Project/jenkins/pom.xml to DEVOPS/jenkins/0.0.1-SNAPSHOT/jenkins-
0.0.1-SNAPSHOT.pom
[JENKINS] Archiving /var/lib/jenkins/workspace/CICD_Project/jenkins/target/jenkins-0.0.1-SNAPSHOT.jar to DEVOPS/jenkins
/0.0.1-SNAPSHOT/jenkins-0.0.1-SNAPSHOT.jar
channel stopped
Finished: SUCCESS
```

Page generated:  
Aug 13, 2020 12:22:19 PM IST

REST API

Jenkins 2.235.2

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Workspace of CICD\_Project on master : /jenkins/target [Jenkins] - Mozilla Firefox

localhost:8080/me/my-views/view/all/job/CICD\_Project/ws/jenkins/target/

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# Jenkins

search ?

2 nipunsingal log out

Jenkins nipunsingal My Views All CICD\_Project

Back to Dashboard  
Status  
Changes  
Workspace  
Build Now  
Delete Maven project  
Configure  
Modules  
Rename

## Workspace of CICD\_Project on master

jenkins / target /

- classes/jenkins
- maven-archiver
- maven-status/maven-compiler-plugin/compile/default-compile
- jenkins-0.0.1-SNAPSHOT.jar

Aug 13, 2020 12:25:24 PM 1.83 KB view

[all files in zip]

### Build History trend

find

#7	Aug 13, 2020 12:21 PM
#6	Aug 13, 2020 12:20 PM
#5	Aug 13, 2020 12:18 PM

Applications ▾ Places ▾ Firefox ESR ▾ Thu Aug 13 12:59 PM ●

CICD/jenkins at master · nipunsingal7/CICD - Mozilla Firefox

https://github.com/nipunsingal7/CICD/tree/master/jenkins

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master CICD / jenkins /

Go to file Add file

root first commit	9eff805 14 hours ago	History
..		
.settings	first commit	14 hours ago
src/main/java/jenkins	first commit	14 hours ago
.classpath	first commit	14 hours ago
.gitignore	first commit	14 hours ago
.project	first commit	14 hours ago
pom.xml	first commit	14 hours ago