# **GIT Assignment**

- **1. git init** is used to initialize a git repository. .git folder is created.
- 2. git add To add a file to the staging area.
- 3. git commit -m "message" This command commits the staged changes to the local repository

```
shank@shankar MINGw64 /d/Devops/Project
S git init
Initialized empty Git repository in D:/Devops/Project/.git/
shank@shankar MINGw64 /d/Devops/Project (master)
S touch f1
shank@shankar MINGw64 /d/Devops/Project (master)
S git add f1
shank@shankar MINGw64 /d/Devops/Project (master)
S git commit -m "added f1"
[master (root-commit) 7653a2f] added f1
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 f1
```

4. git status It will show whether files are in workspace or staging are on in git repo

```
chandwishankar MINGM64 /d/Devops/Project (master)

5 stouch f2

chandshankar MINGM64 /d/Devops/Project (master)

5 stit status

1 status
```

- 5. git log To list/check the committed file or commit history
- **6. git log --oneline** To list all the commit in column format (single column)
- **7. git show** To display detailed information about a specific commit, including the commit message, author, date, and the actual changes made to the files.
- 8. git show <commit\_ID> To know the modifications in the last commit(prints the line)

**9. git commit --amend** It will help you edit the commit message already committed. The old commit is replaced by new commit. It means old commit will not be there

```
handshankar Withomod /d/Devops/Project (branchi)

f git log -poneline

268184 (HARD -> branchi, master) added f2

1 shandshankar MINOMOG /d/Devops/Project (branchi)
1 shandshankar MINOMOG /d/Devops/Project (branchi)
1 branchi fib212] updated f2 file

Date: Mon Aug 5 07:3243 2024 40530

1 file changed, 0 insertions(+), 0 deletions(-)
1 create mode 100644 f2

handshankar WINOMOG /d/Devops/Project (branchi)
1 git log -poneline
1 jb2117 (HARD -> branchi) updated f2 file

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
# Date: Mon Aug 5 07:3243 2024 40530
```

10. git restore -staged <filename> it will move the changes from staging area to workspace

```
Threadshanks without Adproject (sain)

1 touch file

Satisfies without Adproject (sain)

1 git arous

1 git restore --staged efile..." to unstage)

1 git restore --staged efile..." to unstage)

1 git restore --staged efile..."

1 git restore --staged file

1 git add efiles..." to include in what will be cometted)

1 git add efiles..." to include in what will be cometted)

1 git add efiles..." to include in what will be cometted)

1 git add efiles..." to include in what will be cometted)

1 git add efiles..." to include in what will be cometted)
```

- 11. git reset: commited changes are reset, but commit history is removed
- **12. Git reset –hard HEAD~1:** the committed changes are permanently removed from history and workspace as well

```
Charles hunker KINGGG4 /d/project ((Safdd4c...))

$ git log - one line
$ SafddG6 (MEAD) Adding f8

$ SiddP1 (sqs) Adding f8

$ git reset --hard WEAD-1

$ git reset --hard WEAD-1

$ git reset --hard WEAD-1

$ git log --one line

$ git log --one line
```

**13. Git reset –soft HEAD~1:** committed changes will move to staging area but history will be removed

```
chankshankar MINGMA /d/project ((2865f99...))
t.git log — one line
t.git
```

**14. Git reset –soft <commit id> :** committed changes after mentioned commitid will move to staging area but history will be removed

```
chambdohesker Minose4 /d/project (Cleifeed...))

$ git log --oneline
leifred (MEAD) Adding fl
stridde (Mean)

$ git reset --stoft Valddet

tham Minosed /d/project ((@afddec...))

$ git log --oneline
stridde (Mean) Adding fl
```

**15. git reset –hard <commit id>:** committed changes after mentioned commitid will be permanently deltedbut history will be removed

**16. Git revert <commit id>:** we can go back to the workspace after commiting, but commit history will be stored

```
chank@shankar MINGGG4 /d/project ((fc82f0c...))
    git log --nceline
    fc82f0c (MEAD) Adding f4
    decade Adding f4
    l file changed, 0 insertions(-), 0 deletions(-)
    delete mode 100044 f4
    delete mode 100044 f4
    delete mode 100046 f4
    delete mode 10046 f4
    delete mode 10046 f4
    delete mode 10046 f4
    dele
```

- **17. git config --global user.name <username>** To update the user name.
- 18. git config --global user.email <email> To update the email in the terminal.

```
Abankehankar MINGAG /d/Devops/Project (master)

$ git config —global user.name "kavita"

bash: S: command not found

Sanakehankar MINGAG /d/Devops/Project (master)

$ git config —global user.name "kavita"

$ git config —global user.mame "kavi
```

- **19. git branch <name>** To create a branch.
- 20. git branch To list the branchs.
- **21. git checkout <br/>branch name>** To switch to other branch.
- **22. git checkout -b <br/>branch name>** To create new branch and switch to new branch.
- 23. git branch -d <br/>branch name> To delete a branch.

```
thankGshankar MINGG64 /d/Devops/Project (master)

$ git branch
master

thankGshankar MINGG64 /d/Devops/Project (master)

$ git branch branch!

thankGshankar MINGG64 /d/Devops/Project (master)

$ git branch
branch!

master

thankGshankar MINGG64 /d/Devops/Project (master)

$ git branch
branch!

$ git branch of branch?

$ git branch of branch?

$ git branch master

$ git branch master

$ git branch master

$ git branch for mach?

$ git branch
branch!

$ git br
```

24. Git merge <bra> chranchname>: to merge specified branch to checked out branch

```
shank@shankar MINGw64 /d/dev1 (branch1)
$ lis
shank@shankar MINGw64 /d/dev1 (branch1)
$ git checkout master
witched to branch 'master'
shank@shankar MINGw64 /d/dev1 (master)
$ lis
file1 file2 file3 file4
shank@shankar MINGw64 /d/dev1 (master)
$ lis
pit log -oneline
$ lis file2 file3 file4
shank@shankar MINGw66 /d/dev1 (master)
$ git log -oneline
$ lis file2 file3 file4
shank@shankar MINGw66 /d/dev1 (master)
$ git log -shank@shankar MINGw64 /d/dev1 (master)
$ git merge branch1
Updating $ lis lis
B lis lis lis cc2la0
$ fast-forward
file5 | 0
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 files
$ shank@shankar MINGw64 /d/dev1 (master)
$ git log --oneline
$ shank@shankar MINGw64 /d/dev1 (master)
$ git log --oneline
$ lis log -oneline
$ lis log -on
```

25. Git rebase: rewrits the history by creating new commits for each commit in source branch.

```
Chandeblanker MTNOGE /d/dev1 (march)
Spitched to a new branch branch?
Spitched to branch?
Spit
```

26. Git cherry-pick <commitid>: to merge specific commit on branch(currently checkout branch

```
chandshankar Nikoda/ d/g/roject (branchi)

5 git log -oneline

530/23 (isAD -> branchi) Adding f5

530/23 (isAD -> branchi) Adding f5

750/bab Initial commit

chandshankar Nikoda/ d/groject (branchi)

5 git checkout main

5 sitched to branch 'main'

chandshankar Nikoda/ d/groject (main)

5 git log --oneline

63/221 (isAD -> main, tag: Y2) Added f2

750/bab Initial commit

5 git checkout Nikoda/ d/groject (main)

5 git log --oneline

63/221 (isAD -> main, tag: Y2) Added f2

750/bab Initial commit

5 git checkout Nikoda/ d/groject (main)

5 git log - oneline

815000 (istex) - oneline
```

- 27. git tag tagname or git tag -a <commit id> -m "tagging f2" To create a tag name
- 28. git checkout tagname Switch to tag
- 29. git tag -d tagname To delete the tag

```
See at the continue of the con
```

**30. git blame <filename>** To show the last modification for each line in a file, it will show who has modified the code(eachline of the code)

```
shankshankar MINGME4 /d/Devops,/Project (branch))
$ git blame fl
$adbcl65 (kavita 2024-08-05 08:07:34 40330 1) Hey there!
$ shankshankar MINGME4 /d/Devops,/Project (branch)
$ vi fl
$ git blame fl
$ git blame fl
$ git blame fl
$ git blame fl
$ 2024-08-05 08:08:31 40530 1) Hey there!
$ 00000000 (box Committed Yet 2024-08-05 08:08:31 40530 2) welcome
```

- **31. git branch -merged :-** To check the merged branches.
- 32. git branch --no-merged:- To check non merged branches

```
shand&shankar MINGM64 /d/Devops/Project (master)
§ git branch
branch1
branch2
* master
shand&shankar MINGM64 /d/Devops/Project (master)
§ git branch --no-merged
branch1
$ git branch --merged
branch2
* master
```

**33. git clean -n** It will show what it would remove **Git clean -f** To delete all untracked files.

```
chambdohumbar MINGMG4 /d/Devops/Project (master)
5 git status
6 mirracked files:
(use 'git add siles..." to include in what will be committed)
(is
files)

nothing added to commit but untracked files present (use "git add" to track)

chambdohumbar MINGMG4 /d/Devops/Project (master)
5 git clean -n

sould remove file

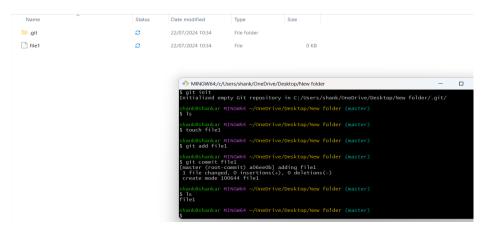
sould remove file

chambdohumbar MINGMG4 /d/Devops/Project (master)
5 git clean -n

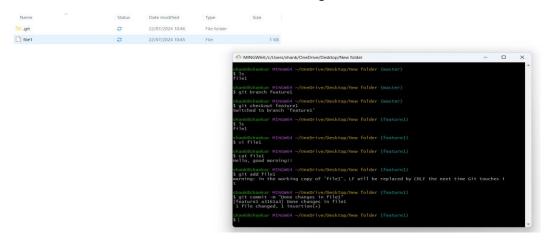
semoving file

semoving f
```

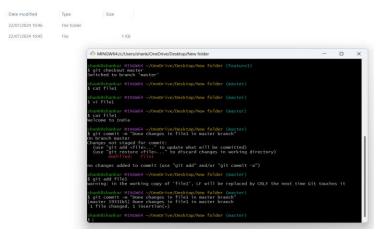
- **34. git/merge conflict** A piece of code work parallelly in 2 branches, when they merge, conflictarise.
- a. Initialized the git repository and created file 1 in master branch



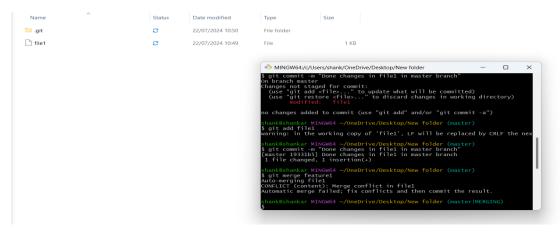
b. Created a feature1 branch and done some changes in file1 and committed it.



c. Checkout to master branch and done changes in file1 and committed



d. Now when I try to merge feature1 branch with main branch, merge conflict arises.



- **35. Git diff :-** The git diff command shows the differences between the files in twocommits or between your current repository and a previous commit.
- **36. git diff <commitid> <commitid> or git diff CID..CID :-** put starting 7 char to check the difference b/w commit id's

```
chandblankar MINGAG /d/Devops/Project (master)
$ git log --neeline
2e8418G UEAD -> master, branch2) added f2
753a27 added f1

chandblankar MINGAG /d/Devops/Project (master)
$ git diff
sarring: in the working copy of 'f1', LF will be replaced by CRLF the next time Git touches it
warring: in the working copy of 'f2', LF will be replaced by CRLF the next time Git touches it
diff --git a/f1 b/f1
diff --git a/f2 b/f2
will be replaced by CRLF the next time Git touches it
warring: and be solved to the solved by CRLF the next time Git touches it
diff --git a/f2 b/f2
diff --git a/f2 b/f3
diff -
```

37. .gitignore It specifies which files and dir should be ignored or excluded for staging

```
handshandar MINGMAD /A/Devops/Project (master)

i touch (f)...
jgt.stand MINGMAD /A/Devops/Project (master)

jgt.stand MINGMAD /A/Devops/Project (master)

igt.stand MINGMAD /A/Devops/Project (master)

intracked files:
(use "git add <ile>..." to include in what will be committed)

intracked files:

intracked files:
(use "git add <ile>..." to include in what will be committed)

intracked files:

intracked files:
(use "git add" to track)

shandshandar MINGMAD /A/Devops/Project (master)

intracked files MINGMAD /A/Devops/Project (master)

intracked files MINGMAD /A/Devops/Project (master)

intracked files files;
(use "gitignore"

contracked files present (use "git add" to track)
```

**38.** git squash (git rebase -i HEAD ~ 2 or 3 (no of commit) to merge multiple commitsinto a single commit, used to cleanup a commit history before merging

```
hankshankar Minomod /d/Devops/Project (master)

1 git log -noneline

1071382 (MEAD > master) added f4

4051384 (MEAD > master) added f2

4051384 (MEAD > master) added f3

4061384 (MEAD > master) added f3

40613
```

```
Squash d4058e added f3
Squash c07158e added f4
# Rebase 7653a2f.c07158e onto 7653a2f (3 commands)
# Commands:
# This is a combination of 3 commits.
# This is the lst commit message:
Squashed f2 f3 f4|
# This is the commit message #2:
# This is the commit message #3:
```

**39. git reflog** To view the history of all references and changes in the repository, including thosethat are not visible in the standard commit log.

```
shamshammiar MINGMG4 /d/Devops/Project (master)

$ git reflag

$ Fided (HEAD > master) HEAD0[0]: rebase (finish): returning to refs/heads/master

$ Fided (HEAD > master) HEAD0[1]: rebase (squash): Squashed f2 f3 f4

$ 200.853 HEAD0[2]: rebase (squash): Fihis is a combination of 2 commits.

$ 200.853 HEAD0[2]: rebase (squash): Fihis is a combination of 2 commits.

$ 200.853 HEAD0[4]: checkout: moving from 2641866436fblc3ac57c59605b684772dfd7 to master

$ 207.1560 HEAD0[4]: checkout: moving from 2641866436fblc3ac57c59605b684772dfd7

$ 207.1560 HEAD0[6]: commit: added f3

$ 207.1560 HEAD0[7]: commit: added f4

$ 485.580 HEAD0[7]: commit: added f4

$ 2661.66 (branch) HEAD0[8]: reset: moving from branch1 to master

$ 2661.66 (branch) HEAD0[8]: commit: updated f1

$ 2651.61 (branch) HEAD0[8]: commit: updated f2

$ 2651.61 (branch) HEAD0[8]: commit: updated f2

$ 2651.61 (branch) HEAD0[1]: commit (amend): updated f2

$ 2651.61 (branch) HEAD0[1]: commit (amend): updated f2

$ 2651.61 (branch) HEAD0[1]: commit (amend): updated f3

$ 2651.61 (branch) HEAD0[1]: commit (amend): updated f4

$ 2651.61 (branch) HEAD0[1]: updated f4
```

40. git stash To hide the file from master/branch (after staging the file).

41. git stash pop To get back files from temporary area

```
shankshankar MINGG4 /d/Devops/Project (branchi)

1 vi f7

shankshankar MINGG4 /d/Devops/Project (branchi)

5 jt checkou master

error: Your local changes or stash them before you switch branches.

Aborting

shankshankar MINGG4 /d/Devops/Project (branchi)

5 jt stacks

6 jt stac
```

**42. git stash drop** When you are done with the stashed item or want to remove it fromthe list. It will remove the last added stash item by default

```
thankbinkara Mikom64 /4/Devops/Project (branchl)

s vi f7

thankbinkara Mikom64 /4/Devops/Project (branchl)

syed working directory and index state WIP on branchl: 17cc423 Added f8

ChankBishankar Mikom64 /4/Devops/Project (branchl)

s vi f8

shankBishankar Mikom64 /4/Devops/Project (branchl)

s git stash

y git stash

warning: in the working dony of 'f8', LE will be replaced by CRLF the next time Git touches it

saved working directory and index state WIP on branchl: 17cc423 Added f8

shankBishankar Mikom64 /4/Devops/Project (branchl)

s git stash for index state WIP on branchl: 17cc423 Added f8

shankBishankar Mikom64 /4/Devops/Project (branchl)

s git stash pop

bropped refs/stashBiQl) (8ab948eder3s95cc3lb45655fd95bd24f0aa435)

shankBishankar Mikom64 /4/Devops/Project (branchl)

S git stash pop

b branch branchl

Changes not stappd for commit:

(use 'git and dfiles...'' to update what will be committed)

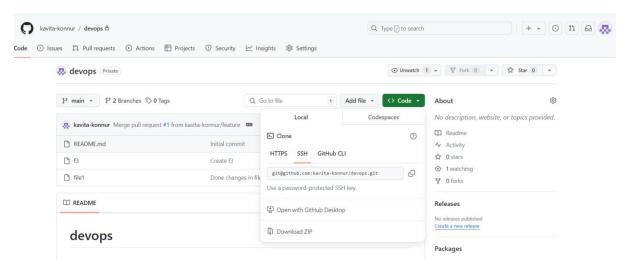
(use 'git restore <file...'' to update what will be committed)

soulfield:

for proped refs/stashBiQl) (blaf47406cc7b5a2ca45a75efba2fce0800)
```

43. Git clone <URL> synch central repo to local repo only 1st time

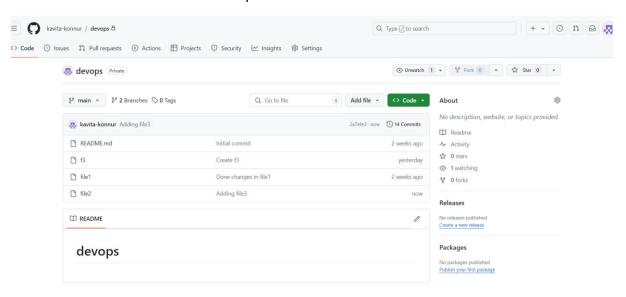
---central/remote repo



--- cloned central repo using 'git clone' command, created and committed file2 and then pushed to central repo using 'git push' command.

```
Sigit Come gitigathub, comitavita-komnur/devops.git
Coloring into "devops"...
remote: Emmerating objects: 31, dome.
remote: Emmerating objects: 31, dome.
remote: Compressing objects: 000 (22/23), dome.
remote: Compressing objects: 000 (22/23), dome.
remote: Total 31 (delta 5), reused 31 (delta 1), pack-reused 0
Receiving objects: 000 (31/31), 46 3k iik | 1.44 kil/s, dome.
Receiving objects: 000 (31/31), 46 3k iik | 1.44 kil/s, dome.
Receiving objects: 000 (31/31), 46 3k iik | 1.44 kil/s, dome.
Receiving objects: 000 (31/31), 46 ak
Receiving objects: 000 (31/31), 26 ak
Receiving objects: 000 (31/
```

--- file2 has been added in central repo



**44. Git fetch** It is same as pull but the commits are not merged, it is in a temporary branch fetch head.

```
chandshankar MINGGG4 /d/Devops/Project/devops (main)

$ qit fetch
remote: Enumerating objects: 1,00% (4/4), done,
remote: Compressing objects: 1,00% (2/2), done,
remote: Comp
```

45. git pull: the changes from the central has been directly merged with local repo

```
Albonoid 18/Unicopos

ating objects: 4, done.

ng objects: 100% (4/4), done.

assing objects: 100% (2/2), done.

assing objects: 100% (2/2), done.

1 (delta 1), reused ( delta 0), pack-reused 0

cts: 100 (3/5), 900 bytes | 5.00 KiB/s, done.

cts: 100 (100 kiB/s), done.

assing assi
                             changed, 1 insertion(+)
mode 100644 f5
md f2 f3 f5 file1 file2
```

### 46. Maven Installation

```
ec2-user@ip-172-31-83-197:~
[ec2-user@ip-172-31-83-197 ~]$ sudo yum install maven
  sisu-inject-bean.noarch 0:2.3.0-11.amzn2
  slf4j.noarch 0:1.7.4-4.amzn2
  xalan-j2.noarch 0:2.7.1-23.1.amzn2
  xml-commons-resolver.noarch 0:1.2-15.amzn2
Complete!
[ec2-user@ip-172-31-83-197 ~]$ mvn -version
Apache Maven 3.0.5 (Red Hat 3.0.5-17)
Maven home: /usr/share/maven
Java version: 17.0.12, vendor: Amazon.com Inc.
Java home: /usr/lib/jvm/java-17-amazon-corretto.x86_64
Default locale: en US, platform encoding: UTF-8
OS name: "linux", version: "5.10.220-209.867.amzn2.x86_64", arch: "amd64", family: "unix"
```

## 47. Java Installation

[ec2-user@ip-172-31-83-197 ~]\$

```
ec2-user@ip-172-31-83-197:~
[ec2-user@ip-172-31-83-197 ~]$ sudo yum install java -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package 1:java-17-amazon-corretto-17.0.12+7-1.amzn2.1.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-83-197 ~]$ java -version
openjdk version "17.0.12" 2024-07-16 LTS
OpenJDK Runtime Environment Corretto-17.0.12.7.1 (build 17.0.12+7-LTS)
OpenJDK 64-Bit Server VM Corretto-17.0.12.7.1 (build 17.0.12+7-LTS)

[ec2-user@ip-172-31-83-197 ~]$
```

### 48. Git installation

```
ec2-user@ip-172-31-83-197:~
[ec2-user@ip-172-31-83-197 ~]$ sudo yum instal git
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
No such command: instal. Please use /bin/yum --help
[ec2-user@ip-172-31-83-197 ~1$
```

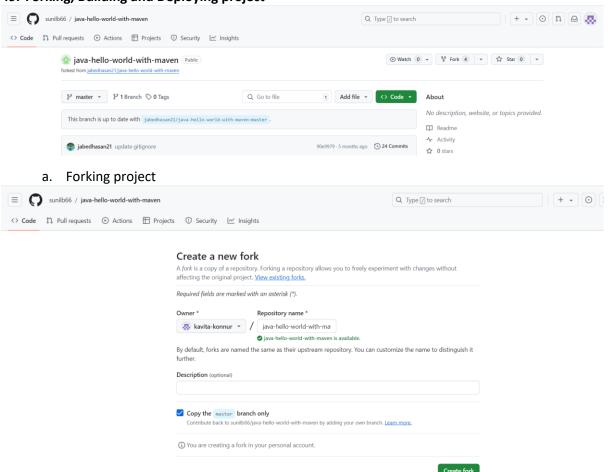
```
ec2-user@ip-172-31-83-197:~

[ec2-user@ip-172-31-83-197 ~]$ git --version

git version 2.40.1

[ec2-user@ip-172-31-83-197 ~]$
```

49. Forking, Building and Deploying project



b. Cloning, building and deploying project.

```
[ec2-user@ip-172-31-83-197 project]$ git clone https://github.com/kavita-konnur/java-hello-wo
rld-with-maven.git
Cloning into 'java-hello-world-with-maven'...
remote: Enumerating objects: 81, done.
remote: Enumerating objects: 81, done.
remote: Total 81 (delta 0), reused 0 (delta 0), pack-reused 81
Receiving objects: 100% (81/81), 14.96 KiB | 4.99 MiB/s, done.
Resolving deltas: 100% (27/27), done.
[ec2-user@ip-172-31-83-197 project]$ is
java-hello-world-with-maven REAIME.md
[ec2-user@ip-172-31-83-197 java-hello-world-with-maven]$ is
Jenkinsfile pom.xml REAIME.md src
[ec2-user@ip-172-31-83-197 java-hello-world-with-maven]$ mvn clean install
[INFO] Scanning for projects...
[INFO]
INFO]
Suliding jb-hello-world-maven 0.2.0

INFO]
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/2.4.1/maven-clean-plugin-2.4.1.pom
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/la/maven-plugins-18.pom
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/la/maven-plugins-18.pom
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/la/maven-plugins-18.pom
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/la/maven-plugins-18.pom
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins-18.pom
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins-18.pom
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent-16.pom
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent-16.pom
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent-16.pom
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent-16.pom
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent-16.pom
Downloading: https://repo.maven.apache.org/maven2/org/apache/maven/maven-parent-16.pom
Downloading: ht
```

```
[ec2-user@ip-172-31-83-197 java-hello-world-with-maven]$ 1s
dependency-reduced-pom.xml Jenkinsfile pom.xml README.md src target
[ec2-user@ip-172-31-83-197 java-hello-world-with-maven]$ cd target
[ec2-user@ip-172-31-83-197 target]$ 1s
classes generated-sources jb-hello-world-maven-0.2.0.jar maven-archiver original-jb-hello-world-maven-0.2.0.jar surefire
                er8ip-172-31-83-197 target]$ cd ../
er8ip-172-31-83-197 java-hello-world-with-maven]$ vi pom.xml
er8ip-172-31-83-197 java-hello-world-with-maven]$ mvn clean validate
Scanning for projects...
                --- maven-resources-plugin:2.5:resources (default-resources) @ jb-hello-world-maven ---
execute contextualize
[6] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
skip non existing resourceDirectory /home/ec2-user/project/java-hello-world-with-maven/src/main/resources
             ... maven-compiler-plugin:2.3.2:compile (default-compile) & jb-hello-world-with-maven/src/main/res

--- maven-compiler-plugin:2.3.2:compile (default-compile) & jb-hello-world-maven

NG] File encoding has not been set, using platform encoding UTF-8, i.e. build is platform dependent!

Compiling 2 source files to /home/ec2-user/project/java-hello-world-with-maven/target/classes

BUILD SUCCESS
              Total time: 2.040s
Finished at: Mon Jul 29 05:31:23 UTC 2024
Final Memory: 8M/20M
             er@ip-172-31-83-197 java-hello-world-with-maven]$ mvn test
Scanning for projects...
             execute contextualize

(G) Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent skip non existing resourceDirectory /home/ec2-user/project/java-hello-world-with-maven/src/main/resource
             --- maven-resources-plugin:2.5:testResources (default-testResources) @ jb-hello-world-maven ---
execute contextualize
60; Using platform encoding (UTF-0 actually) to copy filtered resources, i.e. build is platform dependent!
skip non existing resourceDirectory /home/ec2-user/project/java-hello-world-with-maven/src/test/resources
```

```
| International Content | Proceedings | Proceeding | Procedure | Proceeding | Procedure | Proceeding | Procedure | Proceeding | Procedure | Procedure
```

## 50. Accessing manager app, host manager and server in tomcat.





### Server Status

Manager									
List Applications	HTMLM	HTML Manager Help				Complete Ser			
Server Information									
Tomcat Version	JVM Version	JVM Vendor	OS Name	OS Version	OS Architecture	Hostname	IP Address		
Apache Tomcat/9.0.90	21.0.4+7-Ubuntu-1ubuntu224.04	Ubuntu	Linux	6.8.0-1012-aws	amd64	221	11		

4					
lemory: 7.24 MiB Total Memory: 26.75 MiB Max Memory: 232.00 MiB					
Memory Pool	Туре	Initial	Total	Maximum	Used
Eden Space	Heap memory	4.31 MiB	7.50 MiB	64.00 MiB	4.60 MiB (7%)
Survivor Space	Heap memory	0.50 MiB	0.87 MiB	8.00 MiB	0.63 MiB (7%)
Tenured Gen	Heap memory	10.68 MiB	18.37 MiB	160.00 MiB	14.26 MiB (8%)
CodeHeap 'non-nmethods'	Non-heap memory	2.43 MiB	2.43 MiB	5.55 MiB	1.24 MiB (22%)
CodeHeap 'non-profiled nmethods'	Non-heap memory	2.43 MiB	2.43 MiB	117.22 MiB	1.34 MiB (1%)
CodeHeap 'profiled nmethods'	Non-heap memory	2.43 MiB	7.62 MiB	117.21 MiB	7.57 MiB (6%)
Compressed Class Space	Non-heap memory	0.00 MiB	2.56 MiB	1024.00 MiB	2.37 MiB (0%)
Metaspace	Non-heap memory	0.00 MiB	25.56 MiB	-0.00 MiB	25.19 MiB

### "http-nio-8080"

Max threads: 200 Current thread count: 10 Current threads busy: 1 Keep alive sockets count: 1
Max processing time: 1695 ms Processing time: 2.285 s Request count: 11 Error count: 1 Bytes received: 0.00 MiB Bytes sent: 0.08 MiB





## **Tomcat Web Application Manager**

Vlessage: HTML Manager Help Manager Help ist Applications Server Status Start Stop Reload Undeploy Welcome to Tomcat None specified true Q Start Stop Reload Undeploy Tomcat Documentation Expire sessions with idle ≥ 30 minutes Start Stop Reload Undeploy None specified Servlet and JSP Examples true examples Expire sessions with idle ≥ 30 Start Stop Reload Undeploy Tomcat Host Manager Application Expire sessions with idle ≥ 30 Start Stop Reload Undeploy Tomcat Manager Application Expire sessions with idle ≥ 30 minutes



Deploy directory or WAR file located on server



# Tomcat Virtual Host Manager

message.	OIL .								
Host Manager									
List Virtual Hosts		HTML Host Manager Help			Host Manager Help	Server Status			
Host name									
Host name		Host aliases	Commands						
localhost				Host Manager installed - commar	- commands disabled				
Add Virtual Host									
Host									
	Nam	e:							
	Aliase	s:							
App base:									
AutoDeploy <									
	DeployOnStarti	ıp 🔽							
	DeployXN	IL 🗾							
	UnpackWAF	Rs 🔽							
	Manager Ap	op 🗾							
	CopyXII	IL 🗆							
		Add							