

CREATION OF BRANCHES WITH CONFLICTING FILES:

```
shnmughal13@github-bootcamp: ~/bootcamp2 - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/github-bootcamp?authuser=0&hl=en

shnmughal13@github-bootcamp:~/bootcamp2$
shnmughal13@github-bootcamp:~/bootcamp2$ git log --oneline
a0f61fa (HEAD -> master) 1
shnmughal13@github-bootcamp:~/bootcamp2$ ll
total 16
drwxrwxr-x 3 shnmughal13 shnmughal13 4096 May 25 10:02 ./
drwxr-xr-x 8 shnmughal13 shnmughal13 4096 May 25 10:02 ../
drwxrwxr-x 8 shnmughal13 shnmughal13 4096 May 25 10:02 .git/
-rw-rw-r-- 1 shnmughal13 shnmughal13 30 May 25 10:02 test1.txt
shnmughal13@github-bootcamp:~/bootcamp2$
shnmughal13@github-bootcamp:~/bootcamp2$ git checkout -b branch1
Switched to a new branch 'branch1'
shnmughal13@github-bootcamp:~/bootcamp2$ git log --oneline
a0f61fa (HEAD -> branch1, master) 1
shnmughal13@github-bootcamp:~/bootcamp2$ vi sample.txt
shnmughal13@github-bootcamp:~/bootcamp2$ git add .
shnmughal13@github-bootcamp:~/bootcamp2$ git commit -m "commit from branch1"
[branch1 0dc3d6b] commit from branch1
1 file changed, 1 insertion(+)
create mode 100644 sample.txt
shnmughal13@github-bootcamp:~/bootcamp2$ git checkout -b master
fatal: A branch named 'master' already exists.
shnmughal13@github-bootcamp:~/bootcamp2$ git checkout master
Switched to branch 'master'
shnmughal13@github-bootcamp:~/bootcamp2$ git checkout -b branch2
Switched to a new branch 'branch2'
shnmughal13@github-bootcamp:~/bootcamp2$ git log --oneline
a0f61fa (HEAD -> branch2, master) 1
shnmughal13@github-bootcamp:~/bootcamp2$ vi sample.txt
shnmughal13@github-bootcamp:~/bootcamp2$ git add .
shnmughal13@github-bootcamp:~/bootcamp2$ git commit -m "commit from branch2"
[branch2 c24e4f0] commit from branch2
1 file changed, 1 insertion(+)
create mode 100644 sample.txt
shnmughal13@github-bootcamp:~/bootcamp2$
```

CONFLICT IN MERGING THE BRANCHES WITH MASTER :

```
shnmughal13@github-bootcamp: ~/bootcamp2 - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/github-bootcamp?au

shnmughal13@github-bootcamp:~$ cd bootcamp2/
shnmughal13@github-bootcamp:~/bootcamp2$
shnmughal13@github-bootcamp:~/bootcamp2$
shnmughal13@github-bootcamp:~/bootcamp2$ git merge branch1
Updating a0f61fa..0dc3d6b
Fast-forward
 sample.txt | 1 +
1 file changed, 1 insertion(+)
create mode 100644 sample.txt
shnmughal13@github-bootcamp:~/bootcamp2$
shnmughal13@github-bootcamp:~/bootcamp2$ git merge branch2
Auto-merging sample.txt
CONFLICT (add/add): Merge conflict in sample.txt
Automatic merge failed; fix conflicts and then commit the result.
shnmughal13@github-bootcamp:~/bootcamp2$
shnmughal13@github-bootcamp:~/bootcamp2$ git log --oneline
```

.RESOLVING CONFLICT USING MERGETOOL :

```
shanmugha13@github-bootcamp: ~/bootcamp2 - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/github-bootcamp?authuser=0
shanmugha13@github-bootcamp:~/bootcamp2$
shanmugha13@github-bootcamp:~/bootcamp2$ git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)

        both added:      sample.txt

no changes added to commit (use "git add" and/or "git commit -a")
shanmugha13@github-bootcamp:~/bootcamp2$ git mergetool

This message is displayed because 'merge.tool' is not configured.
See 'git mergetool --tool-help' or 'git help config' for more details.
'git mergetool' will now attempt to use one of the following tools:
tortoisemerge emerge vimdiff

Merging:
sample.txt

Normal merge conflict for 'sample.txt':
{local}: created file
{remote}: created file
Hit return to start merge resolution tool (vimdiff): █
```

shannmugha13@github-bootcamp: ~/bootcamp2 - Google Chrome

ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/github-bootcamp?authuser=0&hl=en_US&project...

Golden gate devops bootcamp is very

Golden gate devops bootcamp is very

Golden Gate devops is cool !

>>>>>> branch2

Golden Gate devops is cool !

<le LOCAL_17024.txt 1,1 All sample.txt 1,12 All < REMOTE_17024.txt 1,1 All

./sample REMOTE 17024.txt" 1L, 29C

MERGE CONFLICT RESOLVED:

```
shnmugha13@github-bootcamp: ~/bootcamp2 - Google Chrome
ssh.cloud.google.com/projects/elevated-valve-306712/zones/us-central1-a/instances/github-bootcamp?au
shnmugha13@github-bootcamp:~/bootcamp2$
shnmugha13@github-bootcamp:~/bootcamp2$
shnmugha13@github-bootcamp:~/bootcamp2$ git merge branch1
Already up to date.
shnmugha13@github-bootcamp:~/bootcamp2$ git merge branch2
Already up to date.
shnmugha13@github-bootcamp:~/bootcamp2$
shnmugha13@github-bootcamp:~/bootcamp2$ git log --oneline
29a3750 (HEAD -> master) Merge branch 'branch2'
04d4707 (branch2) commit from branch 2
9b39258 (branch1) commit from branch 1
c24e4f0 commit from branch2
0dc3d6b commit from branch1
a0f61fa 1
shnmugha13@github-bootcamp:~/bootcamp2$
shnmugha13@github-bootcamp:~/bootcamp2$ git status
On branch master
nothing to commit, working tree clean
shnmugha13@github-bootcamp:~/bootcamp2$
shnmugha13@github-bootcamp:~/bootcamp2$
shnmugha13@github-bootcamp:~/bootcamp2$
```

ISSUE WITH MY TOMCAT DEPLOYMENT

Dashboard

New Item

People

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Lockable Resources

New View

Build Queue

No builds in the queue.

Build Executor Status

All

+

S	W	Name ↓	Last Success	Last Failure	Last Duration	
		compile_job	21 min - #3	N/A	6.6 sec	
		deploy	N/A	21 min - #4	0.35 sec	
		git_check_out	42 min - #1	N/A	3.8 sec	

Icon: S M L

Legend

Atom feed for all

Atom feed for failures

Atom feed for just latest builds

Deployment part failed !! working on it

Dashboard

deploy

#4

View as plain text

Edit Build Information

Delete build '#4'

Git Build Data

See Fingerprints

Previous Build

```
Started by user >nanmuga unas i >
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/deploy
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/deploy/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/shanmugadhas13/war-test.git # timeout=10
Fetching upstream changes from https://github.com/shanmugadhas13/war-test.git
> git --version # timeout=10
> git --version # 'git version 2.17.1'
> git fetch --tags --progress -- https://github.com/shanmugadhas13/war-test.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/master^{commit} # timeout=10
Checking out Revision 571b06eb87e514c1ff1fec031f0387efb7796823 (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f 571b06eb87e514c1ff1fec031f0387efb7796823 # timeout=10
Commit message: "Update README.md"
> git rev-list --no-walk 571b06eb87e514c1ff1fec031f0387efb7796823 # timeout=10
Copied 1 artifact from "compile_job" build number 3
[DeployPublisher][INFO] Attempting to deploy 1 war file(s)
[DeployPublisher][INFO] Deploying /var/lib/jenkins/workspace/deploy/target/war-test.war to container Tomcat 9.x Remote with context index13
ERROR: Build step failed with exception
org.codehaus.cargo.container.ContainerException: Failed to redeploy [/var/lib/jenkins/workspace/deploy/target/war-test.war]
    at org.codehaus.cargo.container.tomcat.internal.AbstractTomcatManagerDeployer.redeploy(AbstractTomcatManagerDeployer.java:176)
    at hudson.plugins.deploy.CargoContainerAdapter.deploy(CargoContainerAdapter.java:81)
    at hudson.plugins.deploy.CargoContainerAdapter$DeployCallable.invoke(CargoContainerAdapter.java:167)
    at hudson.plugins.deploy.CargoContainerAdapter$DeployCallable.invoke(CargoContainerAdapter.java:136)
    at hudson.FilePath.act(FilePath.java:1164)
```