



MARCH 8, 2023

DevOps Classroomnotes 08/Mar/2023

Git Stash

- Stash is the fifth area of git to preserve changes done in the working tree (tracked files)
- The stash is located in local repo

```
# To stash changes
git stash
# To view the list of stash
git stash list
# to get the changes back to working tree
git stash apply
# to get the changes back to working tree and remove from the stash list
git stash pop
```

Jenkins Stash and UnStash

- [Refer Here](#) for jenkins pipelin stash and [Refer Here](#) for unstash
- The unstash creates the file in the same path

```
ubuntu@ip-172-31-14-249:~$ ls
jenkins_remote
ubuntu@ip-172-31-14-249:~$ cd jenkins_remote/
ubuntu@ip-172-31-14-249:~/jenkins_remote$ ls
caches  remoting  remoting.jar  workspace
ubuntu@ip-172-31-14-249:~/jenkins_remote$ cd workspace/
ubuntu@ip-172-31-14-249:~/jenkins_remote/workspace$ ls
gameoflife-declarative  gameoflife-fs  workspaces.txt
gameoflife-declarative@tmp  springpetclinic_dev
ubuntu@ip-172-31-14-249:~/jenkins_remote/workspace$ cd springpetclinic_dev/
ubuntu@ip-172-31-14-249:~/jenkins_remote/workspace/springpetclinic_dev$ ls
Jenkinsfile  build.gradle  gradle  gradlew.bat  mvnw.cmd  readme.md  src
LICENSE.txt  docker-compose.yml  gradlew  mvnw  pom.xml  settings.gradle  target
ubuntu@ip-172-31-14-249:~/jenkins_remote/workspace/springpetclinic_dev$ cd target/
ubuntu@ip-172-31-14-249:~/jenkins_remote/workspace/springpetclinic_dev/target$ ls
spring-petclinic-3.0.0-SNAPSHOT.jar
ubuntu@ip-172-31-14-249:~/jenkins_remote/workspace/springpetclinic_dev/target$
```

Unstash into node 2

GitHub Pull Request

- To make contributions to the repositories where we dont have direct permissions
- We fork the repository
- We make changes
- To get our changes published We create pull requests to the original repo
- The author/owner of repo reviews the changes and merges the pull request if he wants or closes the pull request
- [Refer Here](#) for official docs
- In the next session we will be using pull request based workflow in such a way that
 - Jenkins will perform ci and write status about the results
 - Owner can now decide whether to merge or close the request

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