Pipeline Using Blue Ocean ~Neha Singh

Blue Ocean: Blue Ocean rethinks the user experience of Jenkins. Designed from the ground up for Jenkins Pipeline, but still compatible with freestyle jobs, Blue Ocean reduces clutter and increases clarity for every member of the team.

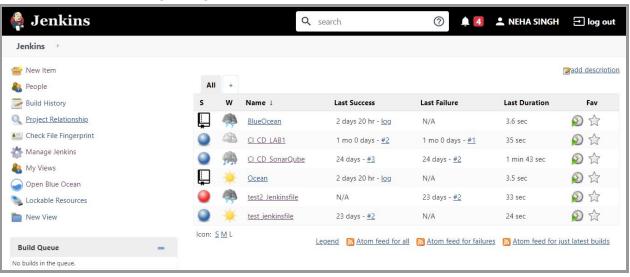
Features:

- Sophisticated visualizations of continuous delivery (CD) Pipelines
- Pipeline editor
- Personalization
- Pinpoint precision
- Native integration for branch and pull requests

1. Make sure your Jenkins is up and running.

```
C:\Users\Neha\Downloads>java -jar jenkins.war
Running from: C:\Users\Neha\Downloads\jenkins.war
webroot: $user.home/.jenkins
2020-09-18 02:56:05.893+0000 [id=1]
                                         INFO
                                                 org.eclipse.jetty.util.log.Log#
2020-09-18 02:56:06.372+0000
                             [id=1]
                                         INFO
                                                 winstone.Logger#logInternal: Be
2020-09-18 02:56:06.598+0000 [id=1]
                                         WARNING o.e.j.s.handler.ContextHandler#
2020-09-18 02:56:06.793+0000 [id=1]
                                         INFO
                                                 org.eclipse.jetty.server.Server
2b7bb13ef5a92a927634b0d; jvm 1.8.0 231-b11
                                                 o.e.j.w.StandardDescriptorProces
2020-09-18 02:56:12.019+0000 [id=1]
                                         INFO
et
2020-09-18 02:56:12.639+0000 [id=1]
                                         INFO
                                                 o.e.j.s.s.DefaultSessionIdManage
                                                 o.e.j.s.s.DefaultSessionIdManage
2020-09-18 02:56:12.639+0000 [id=1]
                                         INFO
2020-09-18 02:56:12.703+0000
                             [id=1]
                                         INFO
                                                 o.e.j.server.session.HouseKeepe
2020-09-18 02:56:15.324+0000 [id=1]
                                         INFO
                                                 hudson.WebAppMain#contextInitia
2020-09-18 02:56:15.989+0000 [id=1]
                                         INFO
                                                 o.e.j.s.handler.ContextHandler#d
BLE}{C:\Users\Neha\.jenkins\war}
```

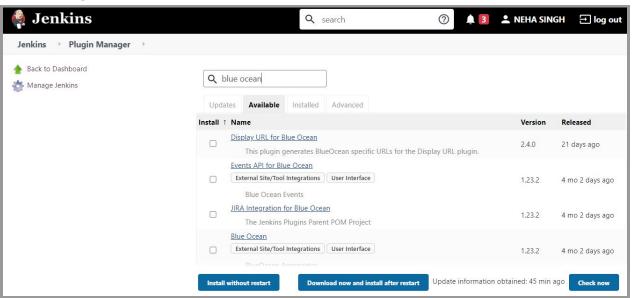
2. Move to left side, Manage Plugins



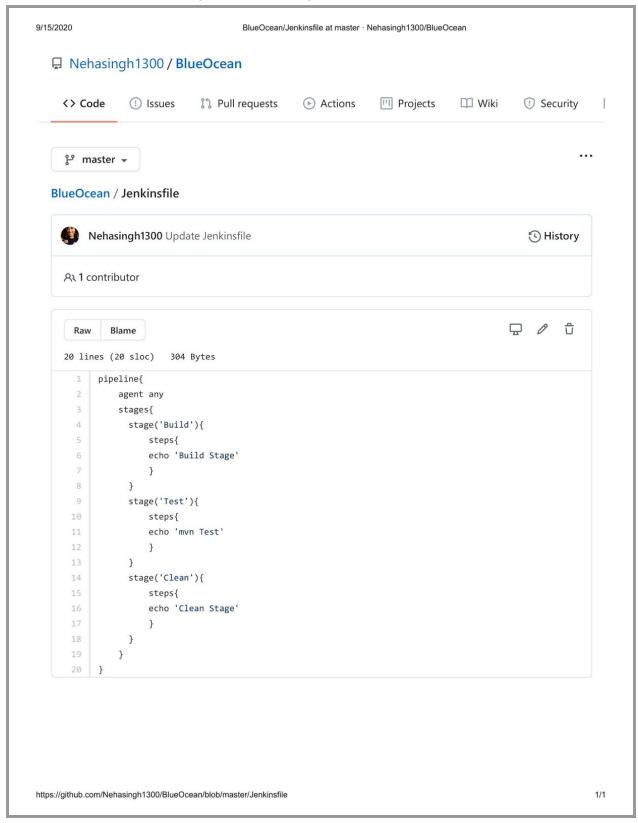
3. Click on Manage Plugins



4. Install a plugin in Jenkins for Blue Ocean



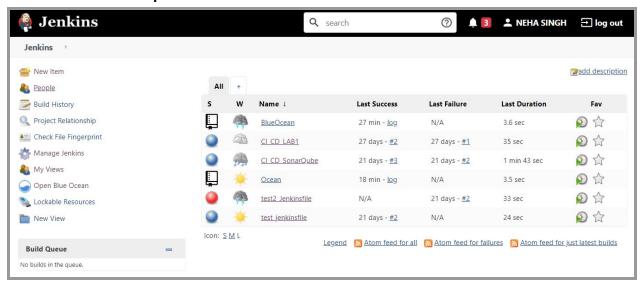
5. Make new GitHub Repository for maven project with pom.xml in the main folder

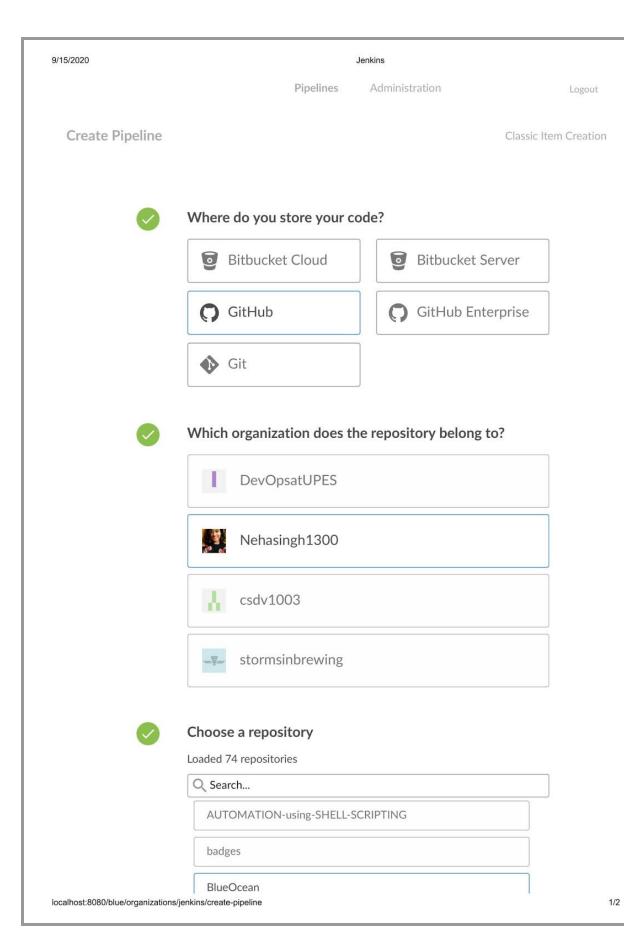


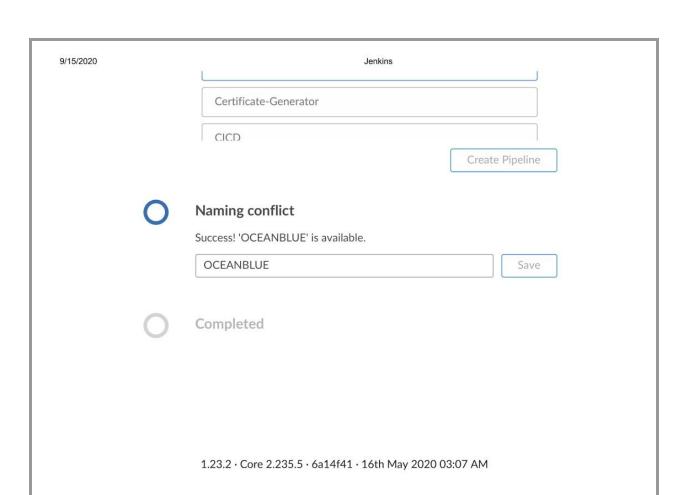
6. Upload Jenkinsfile

```
р
i
е
n
е
              agent any
              stages{
           stage('Build'){
                    steps{
                     echo
            'Build Stage'
                     }
                }
           stage('Test'){
                    steps{
                     echo 'mvn
           Test'
                     }
                }
           stage('Clean'){
                     steps{
                     echo
            'Clean Stage'
                     }
                }
              }
           }
```

7. Create Blue Ocean Pipeline with GitHub.







8. Now, you can see a screen where all your stages are successfully implemented.



You can also check my video on YouTube for the same BlueOcean Tuitorial.

That's all for this session.