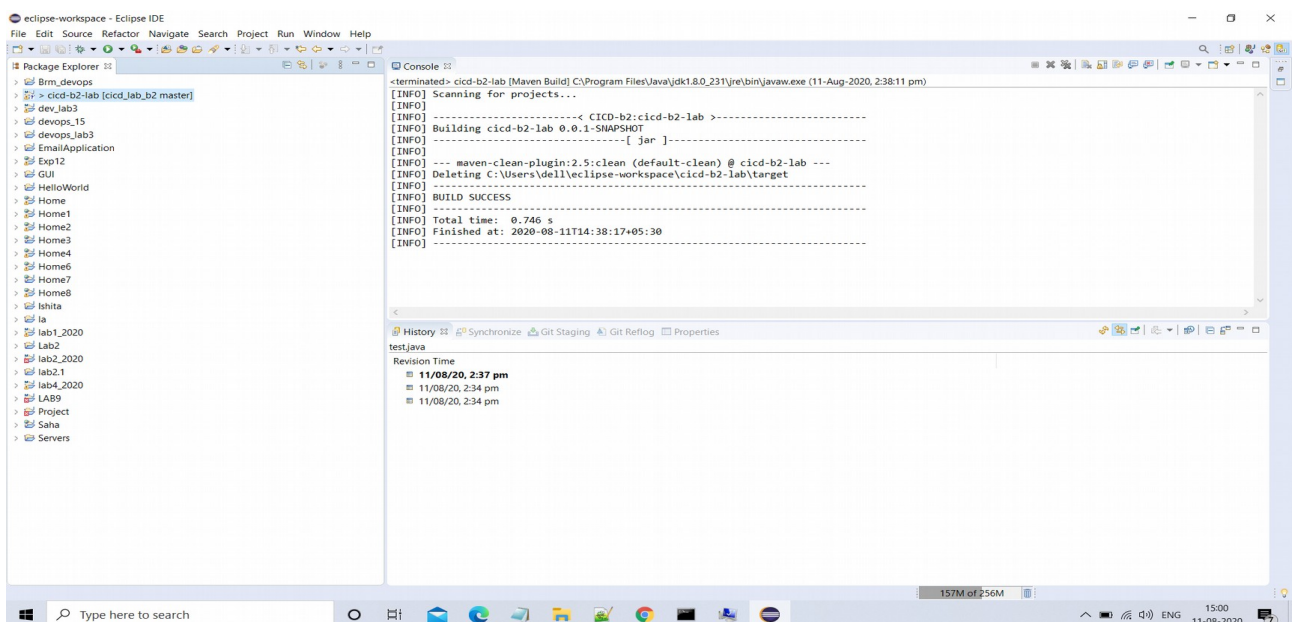
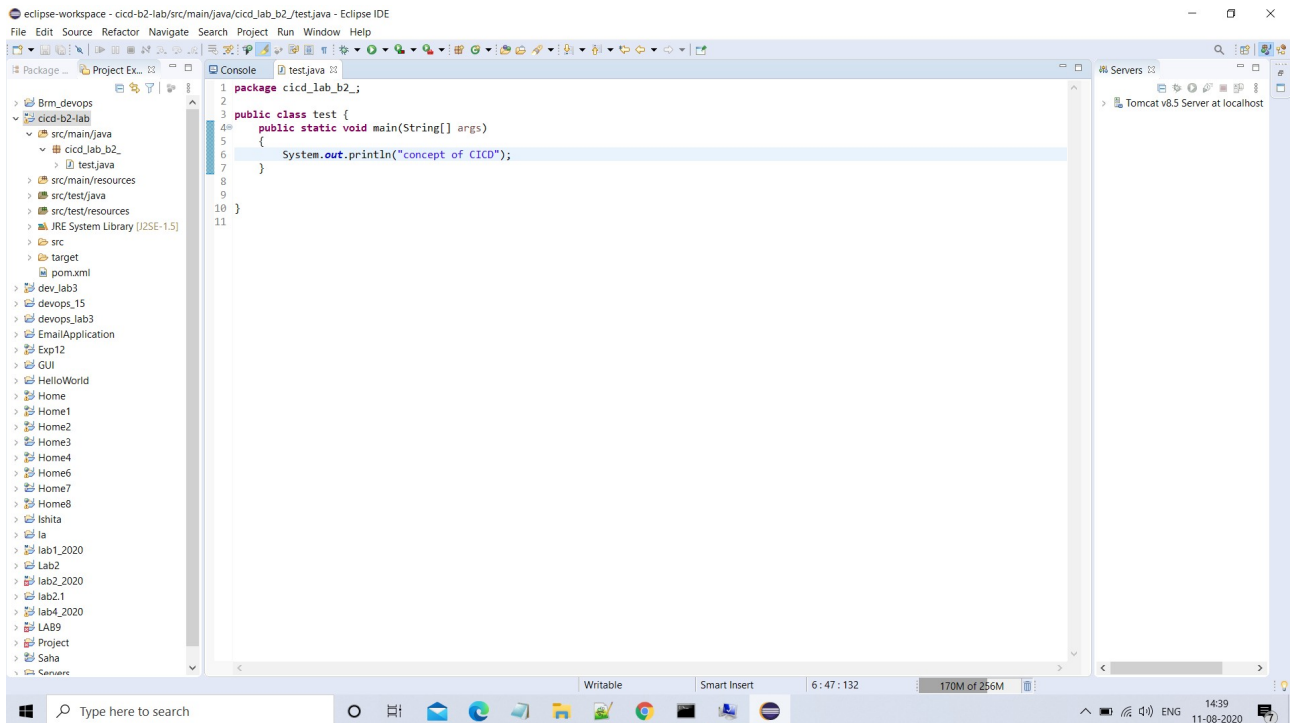
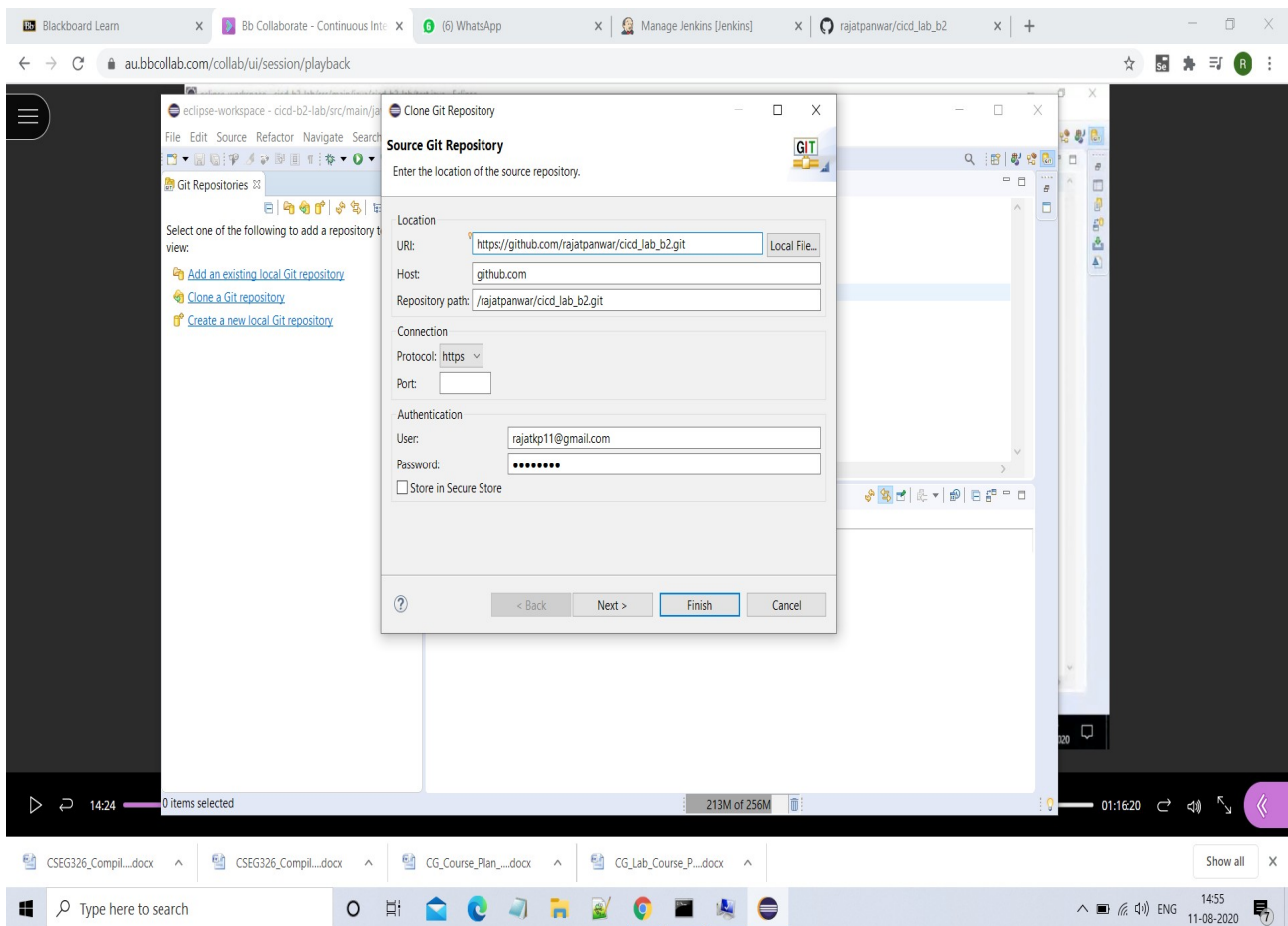
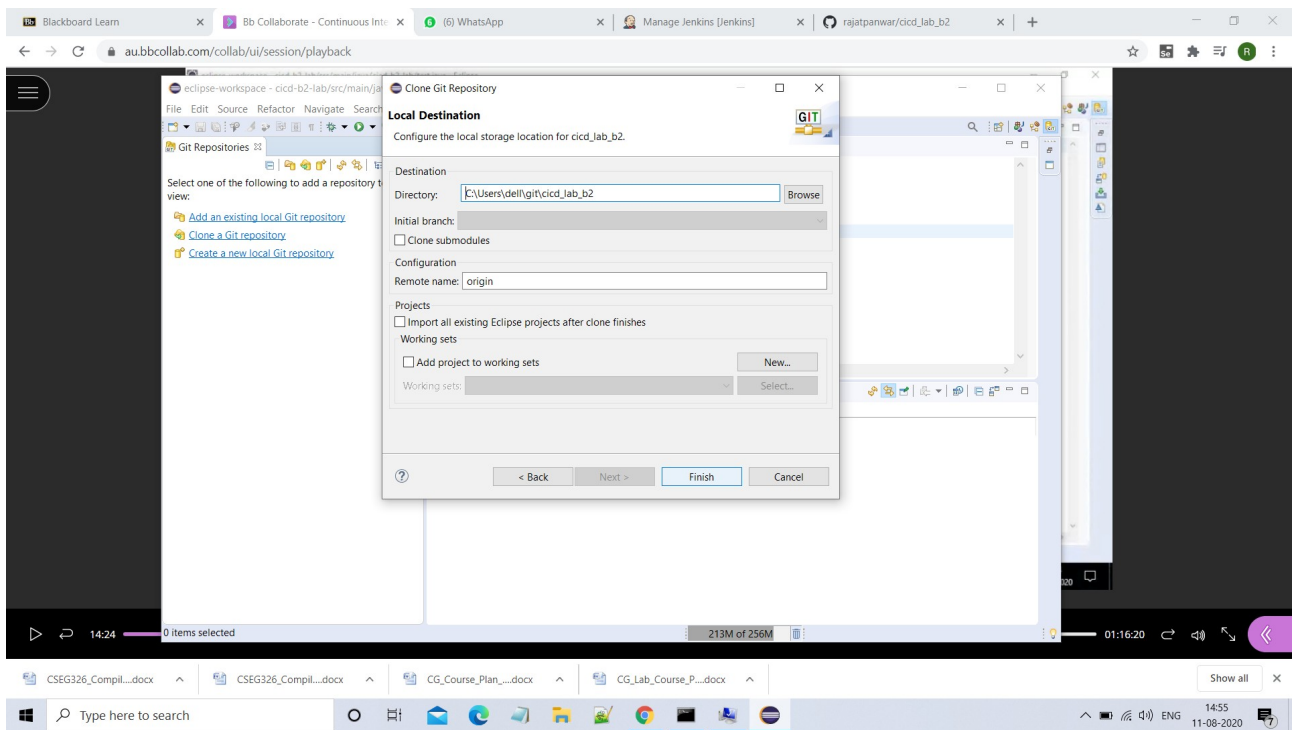


RAJAT PANWAR
R171218080
500069414

EXPERIMENT-3

AIM- Jenkins integration with Github and Maven





Blackboard Learn | Bb Collaborate - Continuous Inte... | (5) WhatsApp | Manage Jenkins [jenkins] | cicd_lab_b2/cicd-b2-lab at maste...

github.com/rajatpanwar/cicd_lab_b2/tree/master/cicd-b2-lab

Search or jump to... Pull requests Issues Marketplace Explore

rajatpanwar / cicd_lab_b2

Unwatch 1 Star 0 Fork 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

master cicd_lab_b2 / cicd-b2-lab / Go to file Add file

rajatpanwar this is first commit 874a68d 4 minutes ago History

..		
.settings	this is first commit	4 minutes ago
src/main/java/cicd_lab_b2_	this is first commit	4 minutes ago
target	this is first commit	4 minutes ago
.classpath	this is first commit	4 minutes ago
.project	this is first commit	4 minutes ago
pom.xml	this is first commit	4 minutes ago

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CSEG326_Compil...docx CSEG326_Compil...docx CG_Course_Plan...docx CG_Lab_Course_P...docx Show all

Type here to search

eclipse-workspace - cicd-b2-lab/src/main/java/cicd_lab_b2/test.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- cicd_lab_b2
 - test.java
 - test
 - main(String[]): void
- src/main/resources
- src/test/java
- src/test/resources
- JRE System Library [J2SE-1.5]
 - resources.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib
 - rt.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib
 - jsse.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib
 - jce.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib
 - charsets.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib
 - jfr.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib
 - access-bridge-64.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib\ext
 - cidrdata.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib\ext
 - dnsns.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib\ext
 - jaccess.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib\ext
 - jfont.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib\ext
 - localedata.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib\ext
 - nashorn.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib\ext
 - sunec.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib\ext
 - sunjce_provider.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib\ext
 - sunmscapi.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib\ext
 - sunpkcs11.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib\ext
 - zipfs.jar - C:\Program Files\Java\jdk1.8.0_231\jre\lib\ext
- src
 - main
 - test
 - target
- pom.xml

Console

```
1 package cicd_lab_b2;
2
3 public class test {
4     public static void main(String[] args)
5     {
6         System.out.println("concept of CICD");
7     }
8
9
10 }
11
```

History Synchronize Git Staging Git Reflog Properties

cicd_lab_b2 [master]

Unstaged Changes (0)

Staged Changes (0)

Commit Message

this is my first commit

Author: rajatpanwar <rajatkp11@gmail.com>

Committer: rajatpanwar <rajatkp11@gmail.com>

Commit and Push... Commit

Writable Smart Insert 4:23:66 159M of 256M

Type here to search

Blackboard Learn | Bb Collaborate - Continuous Inte | (6) WhatsApp | Update Center [Jenkins] | cicd_lab_b2/cicd-b2-lab at masti | +

localhost:8080/updateCenter/

Jenkins

search

monitors 2 | Rajat Panwar | log out

Jenkins > Update Center

enable auto refresh

Installing Plugins/Upgrades

Preparation

- Checking internet connectivity
- Checking update center connectivity
- Success

Javadoc

Downloaded Successfully. Will be activated during the next boot

Maven Integration

Installing

Restarting Jenkins

Pending

[Go back to the top page](#)
(you can start using the installed plugins right away)

☒ Restart Jenkins when installation is complete and no jobs are running

Page generated: Aug 11, 2020 3:22:36 PM IST | [REST API](#) | Jenkins ver. 2.222.3

CSEG326_Compil...docx | CSEG326_Compil...docx | CG_Course_Plan...docx | CG_Lab_Course_P...docx | Show all

Type here to search

15:23 11-08-2020

Blackboard Learn | Bb Collaborate - Continuous Inte | WhatsApp | CICD-lab1-b2 Config [Jenkins] | cicd_lab_b2/cicd-b2-lab at masti | +

localhost:8080/job/CICD-lab1-b2/configure

Jenkins > CICD-lab1-b2

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

Post-build Actions

- ☐ Abort the build if it's stuck
- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published Gradle build scans
- ☐ With Ant

Pre Steps

Add pre-build step

Build

Root POM: cicd-b2-lab/pom.xml

Goals and options: clean

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.

Add post-build step

Build Settings

Save | Apply

Type here to search

16:53 11-08-2020

Blackboard Learn | Bb Collaborate - Continuous Inte | WhatsApp | CICD-lab1-b2 [Jenkins] | cicd_lab_b2/cicd-b2-lab at maste | +

localhost:8080/job/CICD-lab1-b2/

Jenkins

search

monitors 2 | Rajat Panwar | log out

Jenkins > CICD-lab1-b2 > enable auto refresh

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

Maven project CICD-lab1-b2

[add description](#)
[Disable Project](#)

[Workspace](#)
[Recent Changes](#)

Permalinks

- Last build (#1) 10 min ago
- Last stable build (#1) 10 min ago
- Last successful build (#1) 10 min ago
- Last completed build (#1) 10 min ago

Build History trend

find

#1 Aug 11, 2020 4:38 PM

[Atom feed for all](#) [Atom feed for failures](#)

Page generated: Aug 11, 2020 4:49:04 PM IST [REST API](#) Jenkins ver. 2.222.3

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Blackboard Learn | Bb Collaborate - Continuous Inte | WhatsApp | CICD-lab1-b2 #2 Console [Jenkins] | cicd_lab_b2/cicd-b2-lab at maste | +

localhost:8080/job/CICD-lab1-b2/2/console

Jenkins

Jenkins > CICD-lab1-b2 > #2

- Back to Project
- Status
- Changes
- Console Output
- View as plain text
- Edit Build Information
- Delete build '#2'
- Git Build Data
- No Tags
- Redeploy Artifacts
- See Fingerprints
- Previous Build

Console Output

Started by user [Rajat Panwar](#)

Running as SYSTEM

Building in workspace C:\Program Files (x86)\Jenkins\workspace\CICD-lab1-b2

No credentials specified

```
> git.exe rev-parse --is-inside-work-tree # timeout=10
Fetching changes from the remote Git repository
> git.exe config remote.origin.url https://github.com/rajatpanwar/cicd_lab_b2.git # timeout=10
Fetching upstream changes from https://github.com/rajatpanwar/cicd_lab_b2.git
> git.exe --version # timeout=10
> git.exe fetch --tags --force --progress -- https://github.com/rajatpanwar/cicd_lab_b2.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git.exe rev-parse "refs/remotes/origin/master^(commit)" # timeout=10
> git.exe rev-parse "refs/remotes/origin/master^(commit)" # timeout=10
Checking out Revision 874a68d8dc89b6f6e9a350dfe1dbf41294e17399 (refs/remotes/origin/master)
> git.exe config core.sparsecheckout # timeout=10
> git.exe checkout -f 874a68d8dc89b6f6e9a350dfe1dbf41294e17399 # timeout=10
Commit message: "this is first commit"
> git.exe rev-list --no-walk 874a68d8dc89b6f6e9a350dfe1dbf41294e17399 # timeout=10
Parsing POMs
Established TCP socket on 50065
[cicd-b2-lab] $ java -cp "C:\Program Files (x86)\Jenkins\plugins\maven-plugin\WEB-INF\lib\maven3-agent-1.13.jar;C:\Program Files (x86)\Jenkins\tools\udson.tasks.Maven_MavenInstallation\O_apache-maven-3.2.5\boot\plexus-classworlds-2.5.2.jar;C:\Program Files (x86)\Jenkins\tools\udson.tasks.Maven_MavenInstallation\O_apache-maven-3.2.5\conf\logging" jenkins.maven3.agent.Maven32Main "C:\Program Files (x86)\Jenkins\tools\udson.tasks.Maven_MavenInstallation\O_apache-maven-3.2.5" "C:\Program Files (x86)\Jenkins\war\WEB-INF\lib\remoting-4.2.jar" "C:\Program Files (x86)\Jenkins\plugins\maven-plugin\WEB-INF\lib\maven3-interceptor-1.13.jar" "C:\Program Files (x86)\Jenkins\plugins\maven-plugin\WEB-INF\lib\maven3-interceptor-commons-1.13.jar" 50065
<==[JENKINS REMOTING CAPACITY]==>channel started
Executing Maven: -B -f C:\Program Files (x86)\Jenkins\workspace\CICD-lab1-b2\cicd-b2-lab\pom.xml clean
[INFO] Scanning for projects...
[INFO]
[INFO] -----
[INFO] Building cicd-b2-lab 0.0.1-SNAPSHOT
[INFO] -----
[INFO]
```

Type here to search

The screenshot shows the Jenkins web interface. At the top, there's a navigation bar with the Jenkins logo and a search bar. Below it, the breadcrumb path is 'Jenkins > CICD-lab1-b2'. The left sidebar contains several menu items: 'Back to Dashboard', 'Status', 'Changes', 'Workspace', 'Build Now', 'Delete Maven project', 'Configure', 'Modules', and 'Rename'. The main content area is titled 'Workspace of CICD-lab1-b2 on master'. It shows a file explorer view of the workspace path 'cicd-b2-lab / target /'. The files listed are: 'classes/cicd_lab_b2', 'maven-archiver', 'maven-status/maven-complier-plugin/compiler/default-compiler', '.gitignore', and 'cicd-b2-lab-0.0.1-SNAPSHOT.jar'. To the right of the files, there are timestamps and file sizes for the last two files: 'Aug 11, 2020 5:02:31 PM' and '27 B' for '.gitignore', and 'Aug 13, 2020 12:47:26 PM' and '1.91 KB' for 'cicd-b2-lab-0.0.1-SNAPSHOT.jar'. Below the workspace view, there's a 'Build History' section with a search bar and a table of builds. The table has columns for build ID, timestamp, and status. The builds listed are: #12 (Aug 13, 2020 12:45 PM, Success), #11 (Aug 13, 2020 12:34 PM, Success), #10 (Aug 12, 2020 12:16 AM, Success), #9 (Aug 11, 2020 11:43 PM, Success), #8 (Aug 11, 2020 5:20 PM, Success), #7 (Aug 11, 2020 5:07 PM, Success), and #6 (Aug 11, 2020 5:02 PM, Success). At the bottom of the build history, there's a link to 'CICD-lab1-b2.zip'.