Rapidly Building Apps on the Cloud

udemy.com/building-highly-scalable-apps-on-the-cloud/learn/v4/t/lecture/2954124

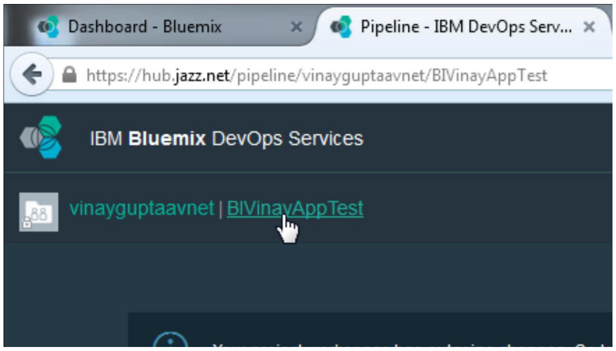
Exercise c - DevOps Services Integration with Eclipse

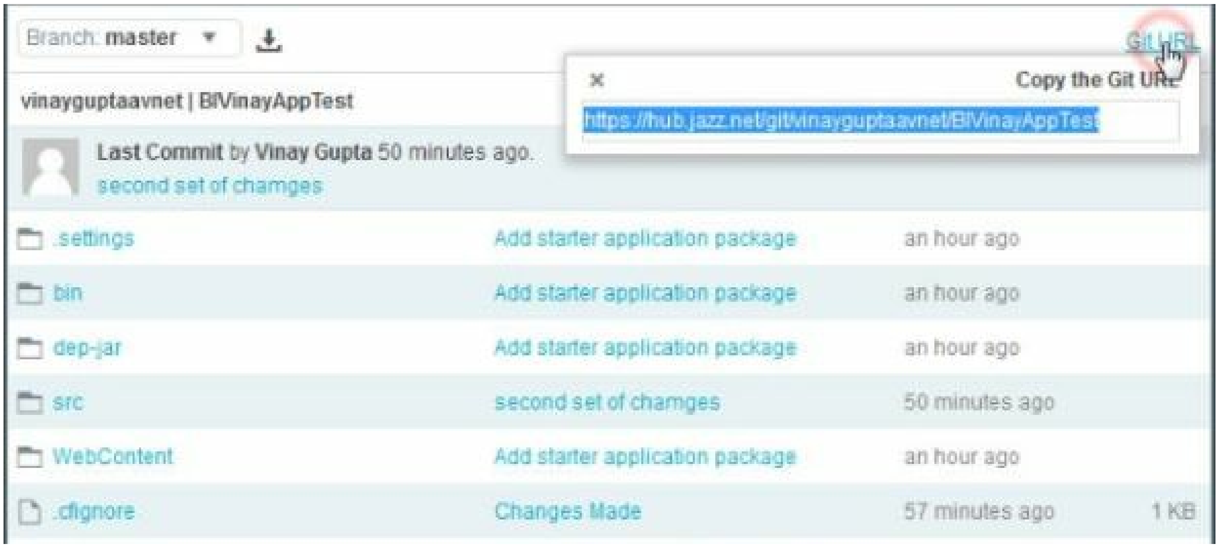
Section 5, Lecture 23

Eclipse can work with Git projects.

To add a DevOps Services project to Eclipse get the git URL from your DevOps Services project – go to the overview page by selecting the project name from the top left of screen

then select the 'Git URL' link


Dashboard - Bluemix
Pipeline - IBM DevOps Serv...
https://hub.jazz.net/pipeline/vinayguptaavnet/BIVinayAppTest
IBM Bluemix DevOps Services
vinayguptaavnet | BIVinayAppTest



https://hub.jazz.net/git/vinayguptaavnet/BIVinayAppTest

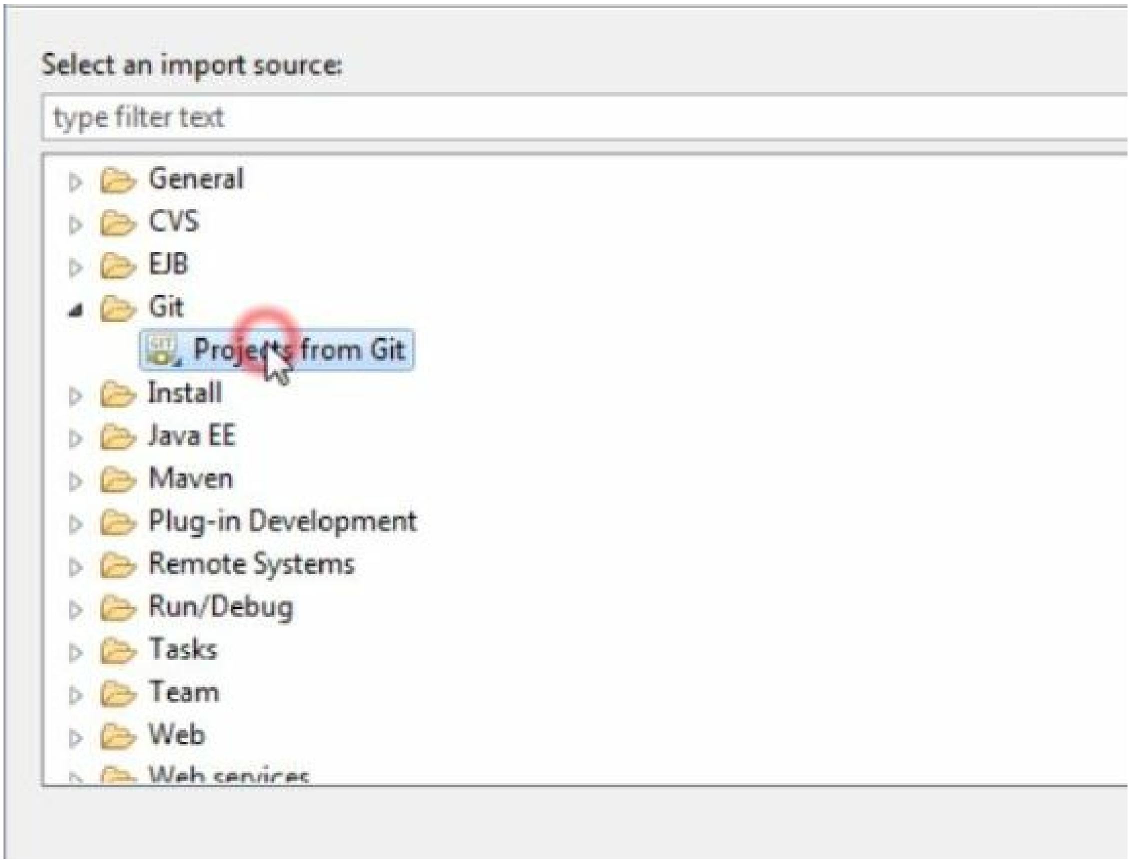
vinayguptaavnet | BIVinayAppTest

Last Commit by Vinay Gupta 50 minutes ago.
second set of chamges

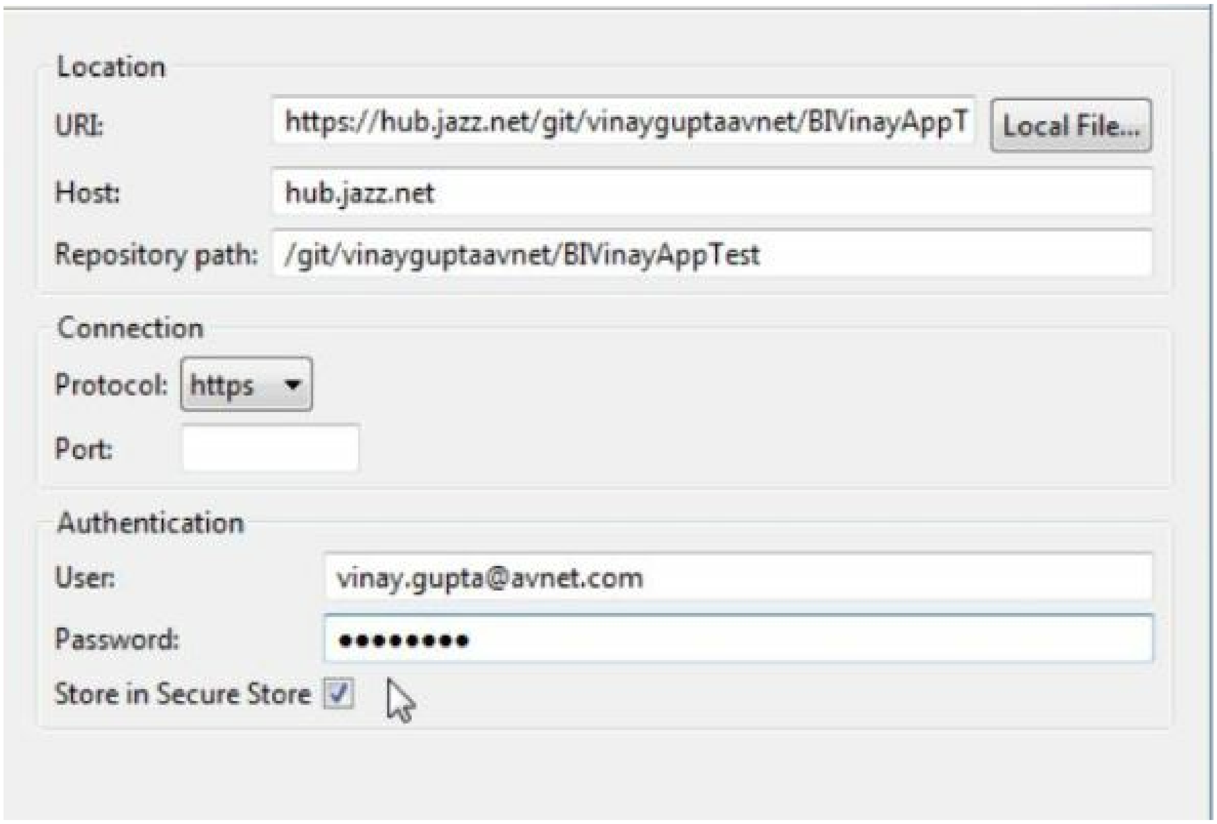
.settings	Add starter application package	an hour ago	
bin	Add starter application package	an hour ago	
dep-jar	Add starter application package	an hour ago	
src	second set of chamges	50 minutes ago	
WebContent	Add starter application package	an hour ago	
.cfignore	Changes Made	57 minutes ago	1 KB

Copy the link Ctrl-C [Cmd-C on mac].

In Eclipse select File -> Import then when the import dialog is displayed select 'Projects from Git'



on the next page select ‘Clone URI’ then on the next page past the Git URL in the to Location box.Enter your email and password (used to log into DevOps Services)



Location

URI: https://hub.jazz.net/git/vinayguptaavnet/BIVinayAppT

Host: hub.jazz.net

Repository path: /git/vinayguptaavnet/BIVinayAppTest

Connection

Protocol: https

Port:

Authentication

User: vinay.gupta@avnet.com

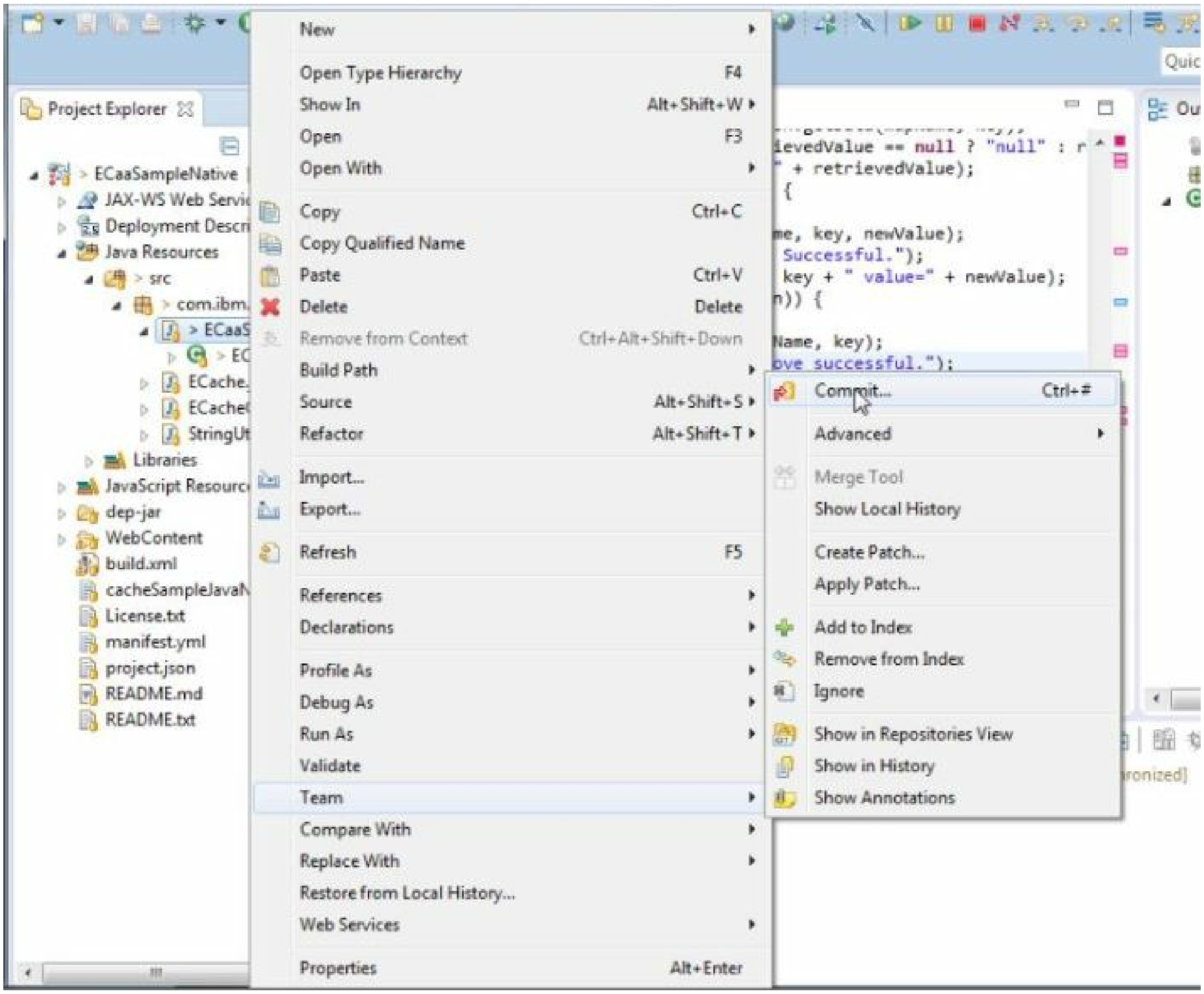
Password: ●●●●●●●●●

Store in Secure Store ☑

leave the Branch selection as master then on the next confirm the directory you want to use for the local storage location.On the select wizard page select ‘Import exiting projects’.Confirm the ECaaSampleNative project is shown on the last page then select Finish.

Open up the ECaaSSample.java file and modify the display strings again, as we did using the DevOps Services editor in the previous exercise, then save the file.We now want to push this change back to DevOpsServices.

Right click the file -> Team -> Commit

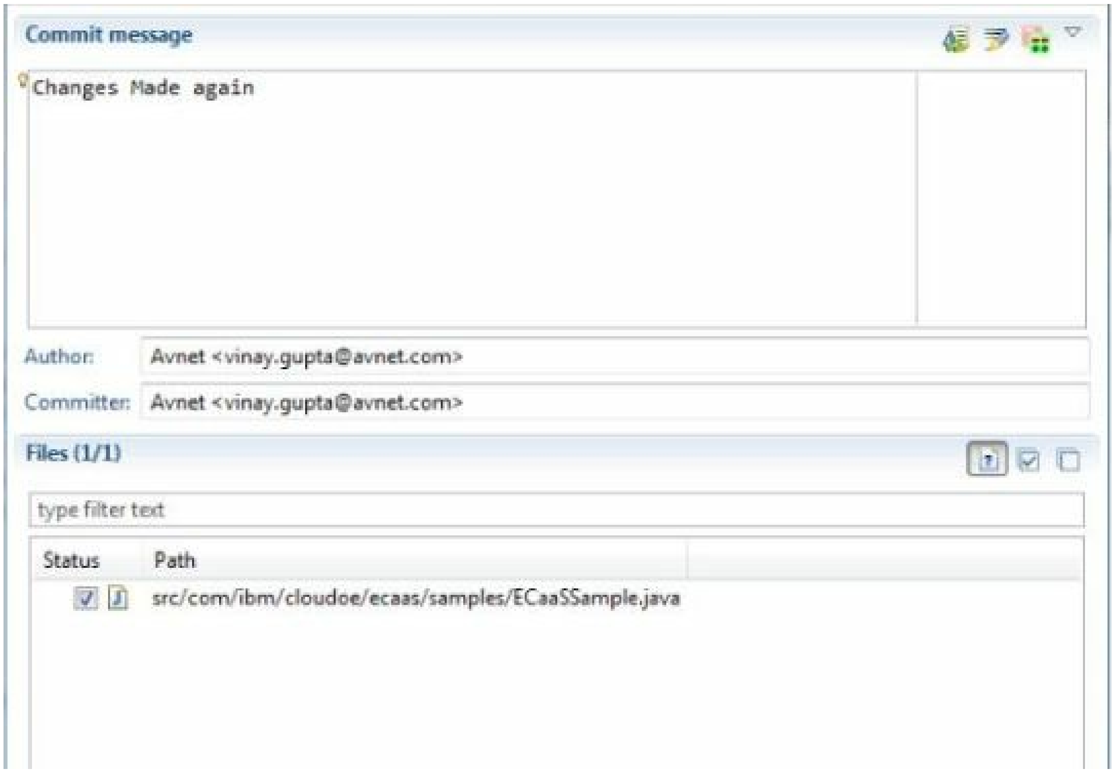


```
ievedValue == null ? "null" : r
" + retrievedValue);
 {

me, key, newValue);
 Successful.");
 key + " value=" + newValue);
n)) {

Name, key);
ove successful.");
```

Add a commit message.Then press Commit.



Commit message

Changes Made again

Author: Avnet <vinay.gupta@avnet.com>

Committer: Avnet <vinay.gupta@avnet.com>

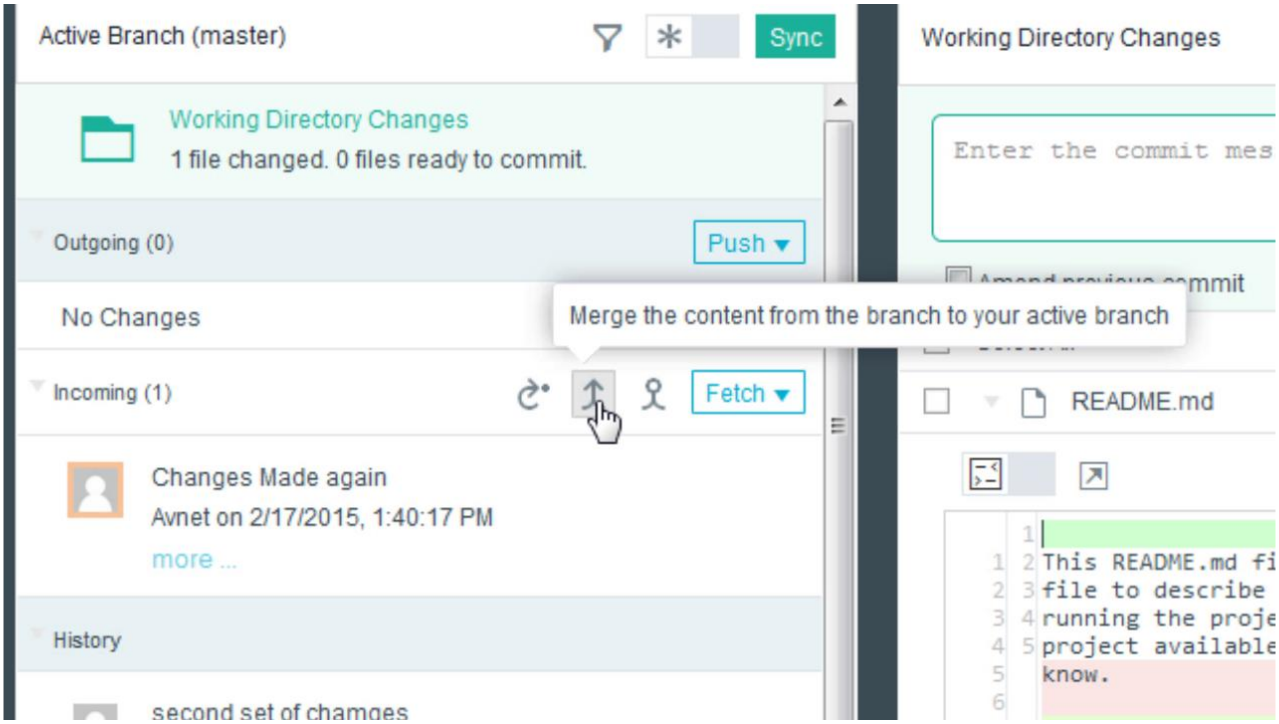
Files (1/1)

type filter text

Status	Path
☑	src/com/ibm/cloudoe/ecaas/samples/ECaaSSample.java

This has added the change to the local branch, so we now need to push the change to the remote branch on DevOps Services.Right-click the project name (ECaaSampleNative) and select Team -> Push to Upstream.This will push the changes back to the master on DevOps. Pushing the change will automatically trigger a build and deploy of the modified code.In DevOps Services in the BUILD & DEPLOY section you should see the build and deploy running (or see it has already completed) – once it has built and deployed the code, test it to ensure the changes from Eclipse are running.

If you open up the Editor in DevOps services you will not see the changes to the code made in Eclipse.However, if you go into to the Git section you will now see an incoming change



Working Directory Changes

1 file changed. 0 files ready to commit.

Outgoing (0)

No Changes

Merge the content from the branch to your active branch

Incoming (1)

Changes Made again

Avnet on 2/17/2015, 1:40:17 PM

more ...

History

second set of chamges

Working Directory Changes

Enter the commit mes

□ Amend previous commit

□ README.md

```
This README.md fi
file to describe
running the proje
project available
know.
```

Select Merge ( ) to bring the changes into the local branch in DevOps – after the merge you will see the changes from Eclipse in your DevOps editor.