How to integrate GitHub into Netbeans:

Prerequisites:

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Softwares:

Git (download and install from <https://git-scm.com/downloads>)

Netbeans IDE 8 or above

GitHub Account or related account such as GitLab, etc

Steps to Import existing project in Git Repo [Git with Netbeans]

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1) Creating sample project in Netbeans IDE

2) Login to GitHub Account

3) Creating Git Repo from GitHub Account

4) Initialising Git in sample project

5) Creating .gitignore in sample project to ignore files from GIT eyes

6) Creating initial commit using Netbeans

7) Pushing project to GitHub repository using Netbeans

Create a repository in GitHub

Add project to GitHub repository from within netbeans

Create a Netbeans Project

Put it in your private or public repository that you’ve created steps below:

From your project in Netbeans, got to the navigation menu select Team --> Git → Initialize Repository

By default it selects the location where the project is located, just click ok

You should then see the .git folder within the project

Go to <https://www.gitignore.io/> and type in Netbeans in the search box and click create

These are some settings that you need to add to the GitHub ignore files to ignore local changes

Go back to the Netbeans project and right click on the netbeans project then go to New → Other… → Other folder → select Empty File Structure → Go to nex → make File name .gitignore → select Finish

Then copy and paste the gitHub ignore file from the .gitignore.io site you had just created into netbeans file.

Save it.

You’re ready to commit files in the local repository first!

To commit files in the local repository right-click project file, then go to Git → Commit…

\*In this all the files in green mean that they are new and will be submitted in the Initial commit. \*

These files get added into the local repository when you hit Commit.

You should get a commit log in the text box to show you’ve committed changes.

To commit to public/private repository on GitHub go to Git → Repository → Repository Browser

It will show you a very useful tool in Netbeans which shows the layout and structure of GitHub

You can see what all the Branches, Tags, Stashes, Remotes, etc. are from GitHub

Open up Branches → Local folder. You will see the master repository on GitHub Public, the Remote folder should be empty as not remote was specified yet.

How to connect master branch to remote,,,,,,

Go to Team → Remote → Push…

Specify the Git Repository Location:

Remote Name: \*leave it origin\* or you can change it

Check Persist Remote

Get Repository URL from GitHub \*Go to Clone → download… You’ll see it beside HTTPS\*

\*Put in UserName and Password if necessary\*

Select Local Branches -- select checkbox master -> master[A] and click next

Then click Finish

Set Up Remote Tracking? Popup box will appear, it simply means the first commit to the public repository is being pushed. Whenever a branch gets added initially to the public repository the Set Up Remote Tracking popup box will appear. If you go to the command line type \*-uflag before pushing it to public repository\*

Click Yes/Ok

The initial project should now be pushed up to the Git Account