

3-Git remote repo-007

git_Lesson3

Training Clarusway

Pear Deck - July 14, 2021 at 7:43PM

Part 1 - Summary

Use this space to summarize your thoughts on the lesson

Part 2 - Responses

Slide 1



Remote Repository
(GitHub)



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Use this space to take notes:

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Table of Contents



- ▶ Workflow recap with 2 Tasks
- ▶ Remote Repository (GitHub)
- ▶ Cloning a Remote Repository
- ▶ Remote Repo Operations

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Recap- Git Workflow

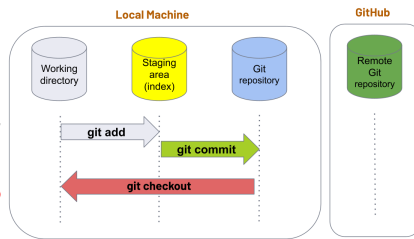
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► Recap-Basic Commands

```
git init
git status
git add .
git rm --cached
git commit -m "abc"
git log
git checkout commitID
```



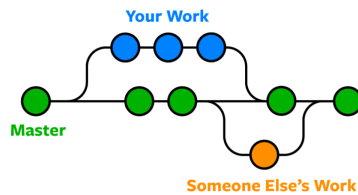
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► Recap-Branches

```
git branch branch_name
git branch
git branch -r
git branch -a
git checkout branch_name
git checkout -b branch_name
git branch -d branch_name
git branch -D branch_name
git merge branch_name
```



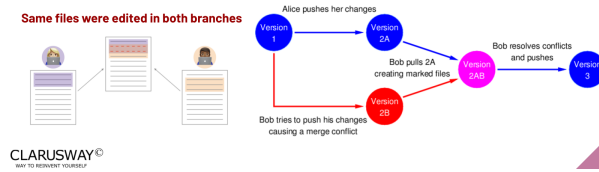
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► Merge Conflicts

Merge conflicts happen when you merge branches that have competing commits, and Git needs your help to decide which changes to incorporate in the final merge.



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2 ► Remote Repository (GitHub)

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► Github - Remote Repository



Git

&

GitHub



Distributed
version-control system




Repository hosting service

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► Github - Remote Repository

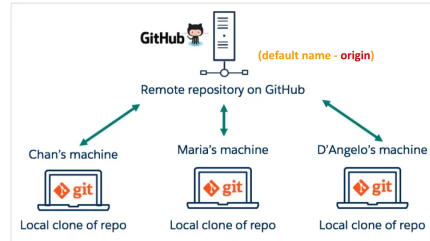
 Bitbucket	 GitHub	 GitLab																		
+ Follow + I use this	+ Follow + I use this	+ Follow + I use this																		
<table><tr><td>Stacks</td><td>Followers</td><td>Votes</td></tr><tr><td>25.8K</td><td>19.2K</td><td>2.8K</td></tr></table>	Stacks	Followers	Votes	25.8K	19.2K	2.8K	<table><tr><td>Stacks</td><td>Followers</td><td>Votes</td></tr><tr><td>132.1K</td><td>99.8K</td><td>10.1K</td></tr></table>	Stacks	Followers	Votes	132.1K	99.8K	10.1K	<table><tr><td>Stacks</td><td>Followers</td><td>Votes</td></tr><tr><td>30.5K</td><td>23.4K</td><td>2.3K</td></tr></table>	Stacks	Followers	Votes	30.5K	23.4K	2.3K
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Stacks	Followers	Votes																		
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► Github - Remote Repository



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► Github - Remote Repository

- Act of copying a repository from remote server to your local machine is called **cloning**
- Cloning allows team to work together
- Downloading commits from others : **fetch, merge**
- Downloading commits from others : **pull (fetch + merge)**
- Uploading your commits (local changes) to remote : **push**

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► Connecting your local with remote »

→ connect to remote repo

```
git remote add origin Repo address
```

origin = alias for your repo address

→ first push

```
git push -u origin master
```

→ remove remote origin

```
git remote rm origin
```

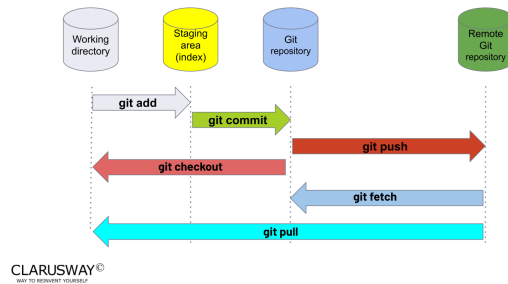
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► Github - Remote Repository »



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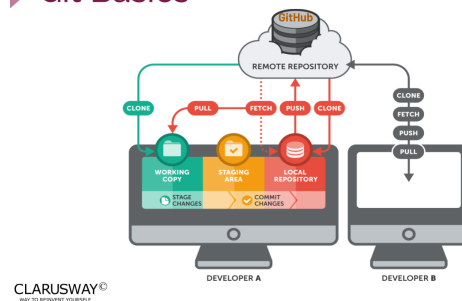
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Summary

Use this space to take notes:

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THANKS!

Any questions?

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