Maydm

Web Development

Day 10: Wrapping Up

Sharing Portfolios & Celebrating!

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Warm up!

Today's Schedule

Morning:

- GitHub Pull Requests
- Add your projects to Maydm repo
- Rockwell Field Trip
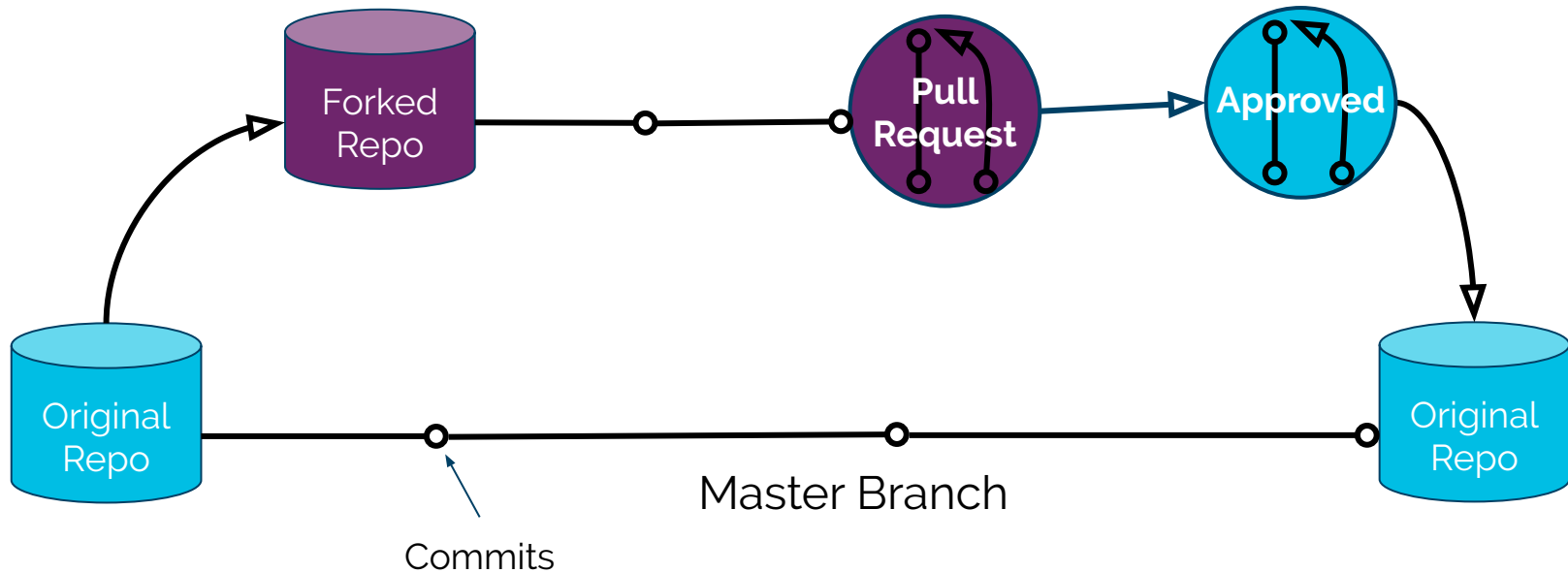
Afternoon:

- Projects wrap up
- Surveys

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Pull Requests

A **pull request** is a way to merge two branches of a repository. Here's how a pull request works:

1. Coder forks a repo.
2. Coder makes a new branch to add a new feature.
3. Coder goes to GitHub and makes a pull request at the original repo to merge their branch.
4. If there are no code conflicts between the branches, the owner of the original repo can choose to merge, or **pull**, the branch the coder created and add it to the original repo.

Pull Requests

Feature Branch

Forked Repo

Pull Request

Approved

Original Repo

Original Repo

Master Branch

Commits

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Forking the Repo

1. Head to Maydm's Student Projects Repo
2. Fork the repo to your GitHub account
3. On your copy of the repo, click "Clone or Download" to get the URL
4. Open Git Bash and clone into the repo using the command "git clone " + the repo URL you just copied
5. Change into the directory Student-Projects using the command 'cd'
6. Create a new directory using your first name with the command 'mkdir'
7. Copy all your projects folders into this new folder.
8. Add all files to the repo, then commit and push your updates.

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Creating the Pull Request

1. Back on Maydm's Student Projects Repo, click on the Pull Requests tab
2. Click on the big green New Pull Request button
3. Click the "compare across forks" link
4. Leave the base repo pointed at Maydm
5. Change the head repo to your forked copy of the repo
6. Click Create Pull Request
7. If everything is okay, you will see a green "Able to merge" note.
8. Add a note about your commit then click Create Pull Request again
9. Success!

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Reflection

Write in your journal about how you feel or what you learned over the last two weeks.

Prompts:

- What was your favorite thing you learned about web development? What was your least favorite thing?
- How do you think you'll use your new coding skills?
- Learning to code can be frustrating. How did you deal with any frustration you felt?

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