

Forking & Cloning a Repository in **GitHub**

The background features a dark blue gradient with abstract white geometric patterns. Three large circles with orange-to-purple gradients are positioned on the right side: one at the top right, one below it, and one further down.

MODULE 1: LESSON 7
LEARNING WITH JELLY



Agenda



01

What is Forking?



02

Cloning a Repo



03

Demo

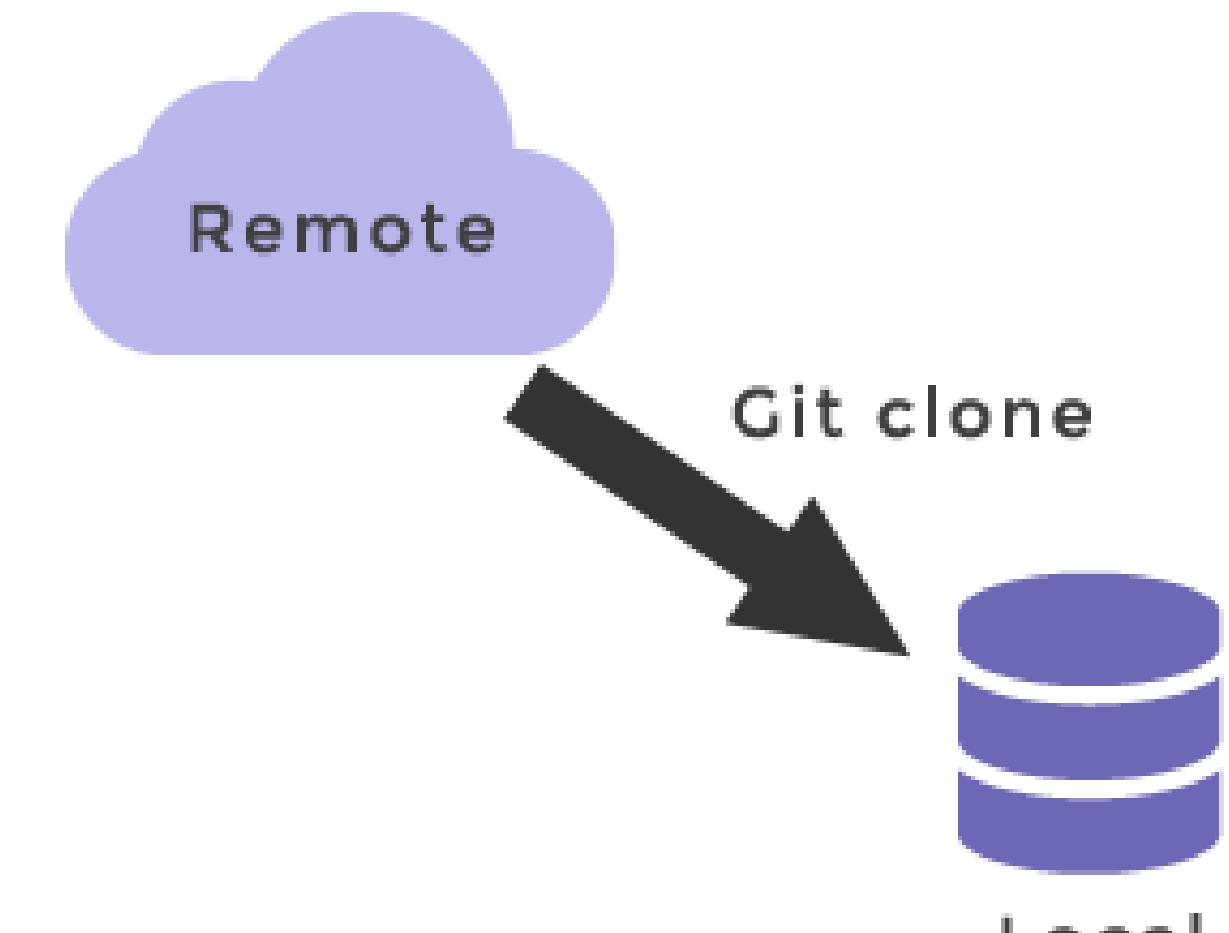


A dark blue background featuring a grid of thin, light blue lines forming a perspective view. Overlaid on this grid is the word "cloning" in a large, white, sans-serif font. The letters are slightly rounded and have a slight shadow, giving them a three-dimensional appearance. Scattered around the text are several orange and purple spheres of varying sizes, some partially overlapping the grid lines.

cloning

Cloning a Repo -- NEED GIT COMMANDS

- Creates a **local copy** of a GitHub Repository on your computer
- Linked to **Original Repo** (be mindful of this!)
- Requires a GitHub Username and **Personal Access Token (PAT)** to clone it down (new as of Fall 2021)
- **Pull** original repo changes to your local device
- **Push** changes to the original repo (if you have permission)

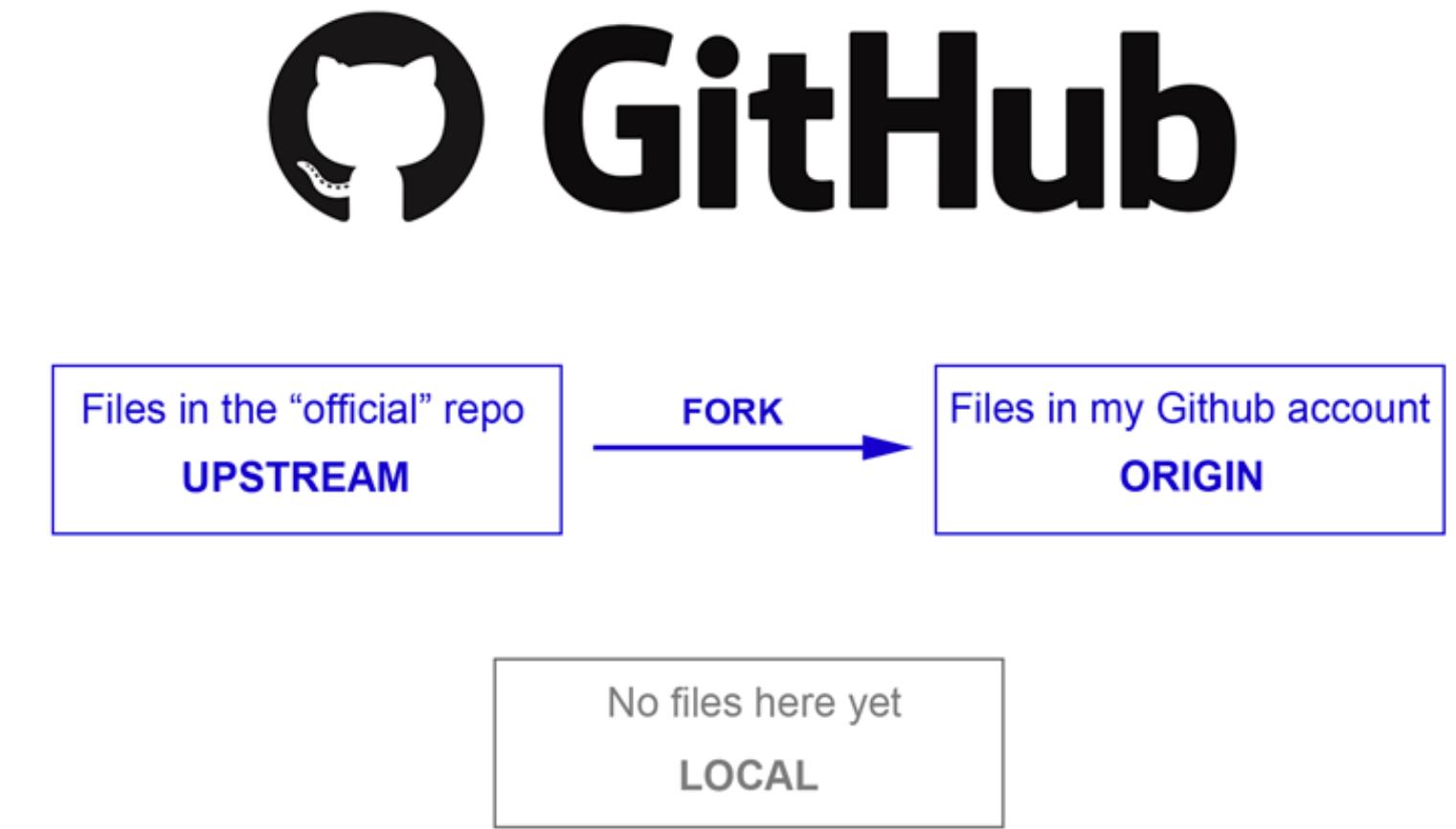


The background features a dark blue gradient with a subtle grid pattern. Overlaid on this are several large, semi-transparent spheres with a gradient from orange to pink.

Forking

Forking a Repo

- Make a copy of a repo to your Github account
- NOT LINKED TO ORIGINAL REPO :)
- Allows for experimenting with open source projects
- Can't change original repo (unless you submit a Pull Request)
- Can interact with the Fork via GitHub -- no need for Git Commands (even though learning Git Commands is good practice)



The background features a dark blue gradient with a subtle grid pattern. Overlaid on this are several large, semi-transparent orange and pink spheres of varying sizes.

DEMO



A dark blue background featuring a subtle 3D grid pattern. Overlaid on the grid are several large, semi-transparent orange spheres of varying sizes. In the center, the words "Thank You!" are written in a large, bold, white sans-serif font. Below it, the handle "@LearningwithJelly" is written in a slightly smaller, regular white sans-serif font.

Thank You!

@LearningwithJelly

Image Sources

- <https://www.w3docs.com/learn-git/git-clone.html>
- <https://www.classicpress.net/github-desktop-step-1-fork/>