

GitHub for Newbies

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Technical Evangelist
Pure Storage

Level: Beginner

Session Survey

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Mike

- 35+ years in tech
- Technical Evangelist @ Pure Storage
- Experience from Helpdesk to Architect
- Scripter, not a coder
- Passion for community, teaching, learning
- Beer, BBQ, & Gadgets

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Session Materials

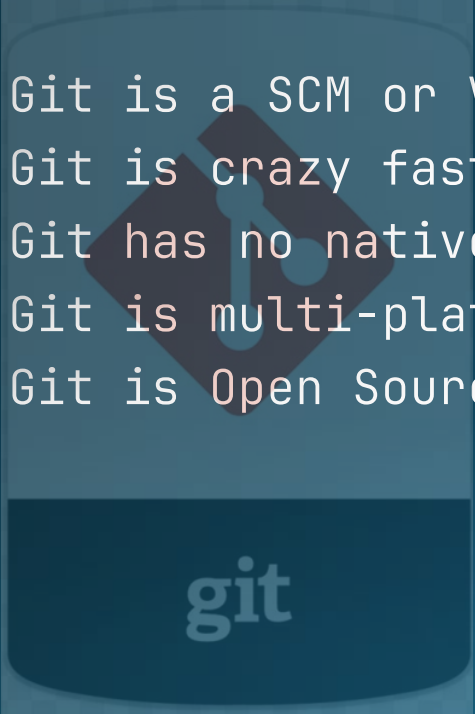
<https://mikenelson.io/urls/tm2024>



Topics

- Git & GitHub & Gists
- Why use it?
- Features you will use
- Step-by-Step Demos

Git & GitHub

The Git logo is a red diamond shape with a white branching diagram inside. Below the diamond, the word "git" is written in a lowercase, white, sans-serif font.

Git is a SCM or VCS (RCS)
Git is crazy fast.
Git has no native UI.
Git is multi-platform.
Git is Open Source.

The GitHub logo is a stylized, dark blue octocat (a cat with eight legs) standing on a light blue circular base. The octocat has large, expressive eyes and a small, curved mouth.

GitHub is free*.
GitHub is a UI for Git.
GitHub is a UI for sharing, collaborating, and storing code.
GitHub is a UI for features like CoPilot, CodeSpaces, Actions, etc.
GitHub has a Marketplace.



GitHub

Create an account

DE
MO

What is a GitHub Gist?

Gists are a simple way to share code and pastes with others without all the overhead.

GitHub Gist

DEMO

Why use GitHub?



SHARE



COLLABORATE



INNOVATE



LEARN



ORGANIZE



HELP



CREATE
CONVERSATIONS



BETTER CODE



PRESENT

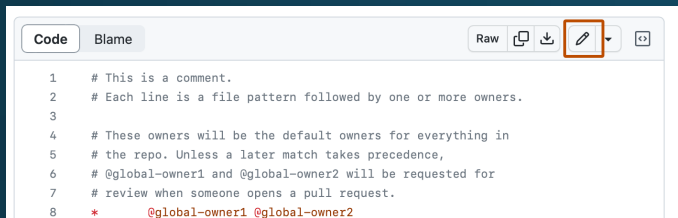
Version (Revision) Control



Features to use

- Markdown
- Repositories
- Issues
- Pull Requests
- Commits
- Branches
- *Releases, CodeSpaces, Actions, Pages, Secrets, Projects, Wikis, etc.

Many ways to skin a cat



```
1 # This is a comment.
2 # Each line is a file pattern followed by one or more owners.
3
4 # These owners will be the default owners for everything in
5 # the repo. Unless a later match takes precedence,
6 # @global-owner1 and @global-owner2 will be requested for
7 # review when someone opens a pull request.
8 * @global-owner1 @global-owner2
```



Visual Studio Code



Notepad++

Jetbrains

BBEdit

Sublime Text

SlickEdit

VS Code Codium

MacVim

XCode

DEMO

- create SSH keys
- add SSH keys
- create repo
- add file online
- commit file
- fork repo
- change file
- create an issue
- create a PR
- commit the PR
- merge the PR

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