




In partnership with:  Microsoft

Reactor

.NET Conf 2022

Student Zone



Up and Running with GitHub

Up and Running with Git and GitHub

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Prerequisites:



- GitHub Account: <https://aka.ms/creategithub>
- Download Git: <https://aka.ms/downloadgit>
- Visual Studio Code: <https://aka.ms/downloadvscode>

Objectives:

- What and Why GitHub?
- Git vs GitHub
- Collaboration with GitHub
- Create your ReadME



Web-based platform to host your code

GitHub



Why GitHub

- Collaboration
- Sharing your work
- Contribute to Open Source
- Version control



Version Control

- track changes over time.



Git != GitHub

Car != Carpet

Java != JavaScript

Local software to save project snapshot

Git

Storage for your project

Git Repository



Create your Repository

Git init and Git clone

Working with Branches

Git branch and Git Checkout

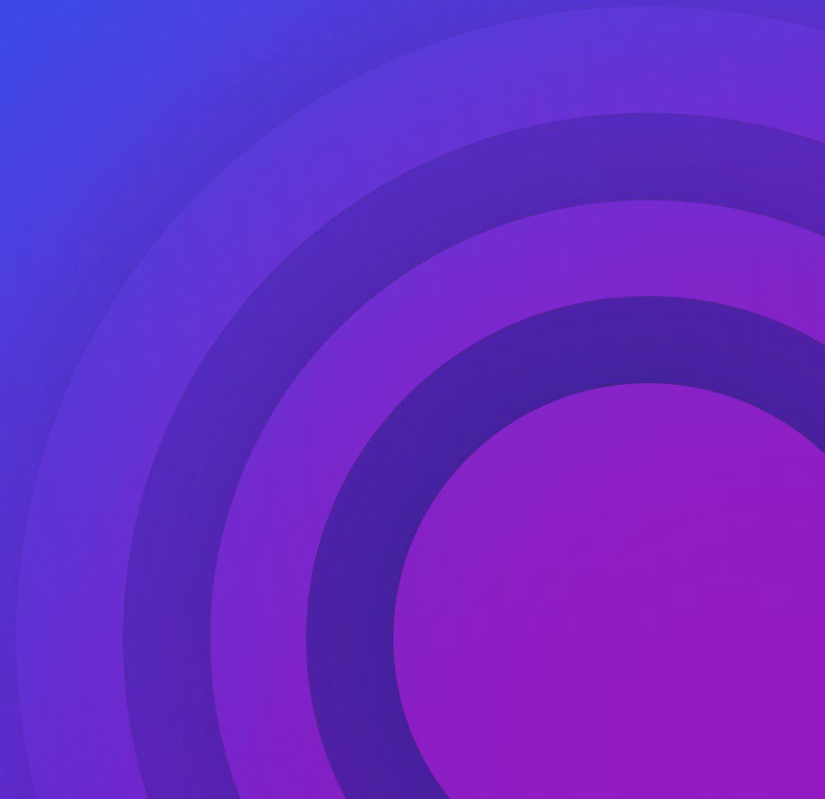
A low-angle, close-up shot of a person's legs and feet as they hike on a trail. The person is wearing dark brown hiking pants, white socks, and dark brown hiking boots with red laces and red soles. The trail is rocky and covered with dry, yellowish-brown grass. The background is a blurred, hilly landscape under a bright sky.

Tracking Changes

Git add, Git commit, Git pull, Git merge and Git push

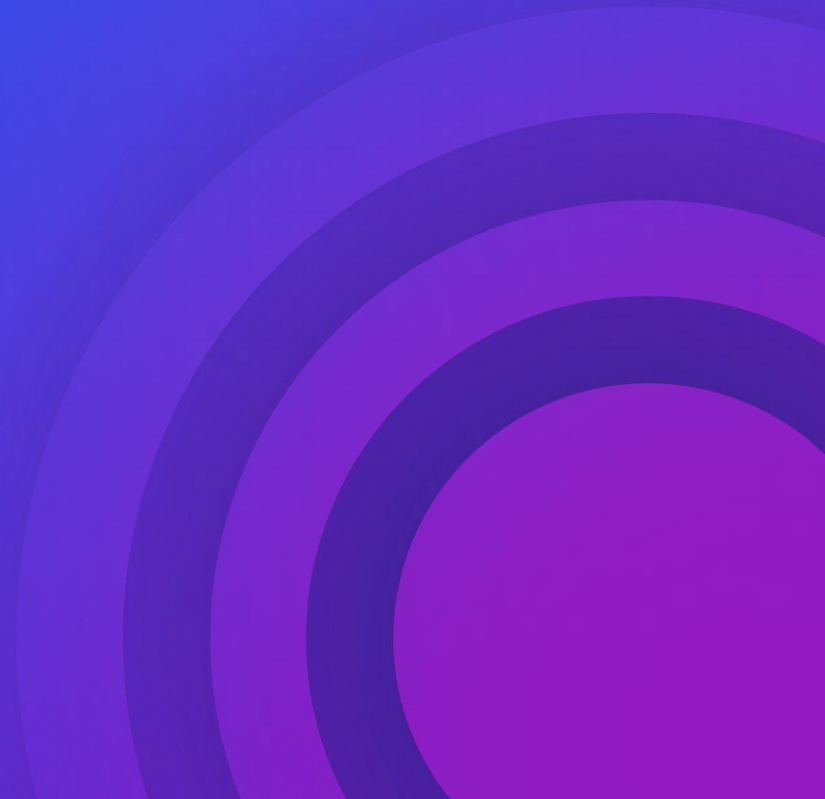
Collaboration

Fork, Pull Requests, Discussions and Merging



Let's create our ReadMe

Before we conclude



ReadMe

Contains information on file
contents in a repository



Student Resources

<http://aka.ms/learnstudent>

Cloud Skills Challenge

<https://aka.ms/dotnetstudentcsc>

GitHub Repo

<https://github.com/microsoft/dotnetconf-studentzone>



Thank You!

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