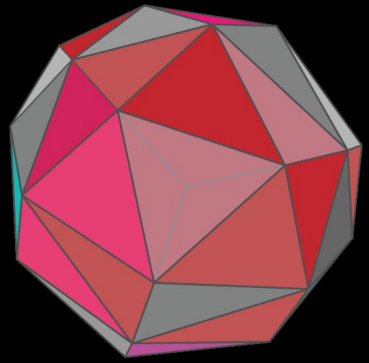


devnet

// Please **sign in**, grab some refreshments, and find a seat

driveon™
Infotainment that works for you.

We apply creativity and technological innovation to the modern vehicle, advancing safety while providing a more convenient, connected, and enjoyable experience for everyone.

Product Features

Predictive Analytics

User Profiles and Cloud Sync

In-Car Voice Assistant

App Marketplace

Driving Centric User Interface

Over-The-Air Updates

Technical Skills

Deep Learning / Natural Language Processing

Linux / Android System Development

User Interface / User Experience Development

Security / Privacy / Safety

Networking Protocols: CAN Bus, LIN Bus, Ethernet, USB, WiFi, Bluetooth, Cellular

Low Level OS / Hardware Integration

Front End Web & Mobile App Development

Back End Web / Databases / Native / System Integration Development

What We Offer

Equity / Founder Status

Massive opportunity to impact bottom line

Be a part of a company making a serious difference

Work with cool technology and cooler cars

Contact
Brandon Powell
bpowell@driveon.tech

driveon™
Infotainment that works for you.

{ PROJECTS }

{ ANNOUNCEMENTS }

No longer every meeting

Twice a month

| TAILGATING |

This Saturday!

Time pending weather

Snacks, Drinks, & Swag

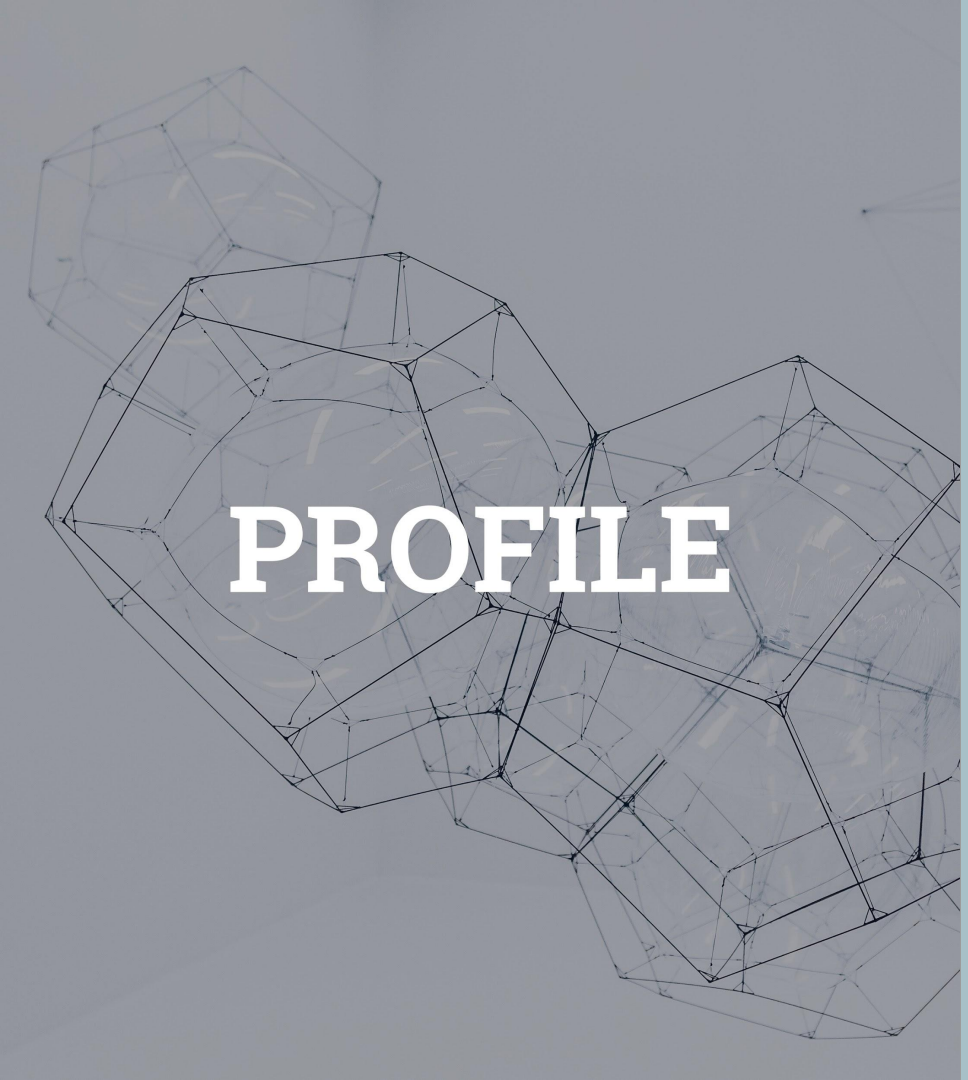
Slack for updates

msstateecenter.slack.com

Use msstate email

#devnet-news

#devnet



PROFILE

Fill out membership profile:

https://goo.gl/fkY15t

Basic contact info and interests

{ APP COMPETITION }

Pre-registration

register.devnetmsu.com

Over $7k in incentives

Prizes, Swag, Food

Introduction to Git

Source Control

Collaboration

Collaboration

Lol undo pls

Collaboration
Lol undo pls
Experimentation

1. Add a file

“This is example file content.”

1. Add a file
2. Add another line

“This is example file content.
There are two lines in this file.”

1. Add a file
2. Add another line
3. Add a ‘stable’ feature

“JL$JKNUDSHIUH>FGJCBXN>KUHXC:KFJS>DF<JBLXYGVLIUBDF:LISEFDYPDOUVBXC:VKJXB[subliminal message]:IGUHOISLYGBDFLJSDFBH>X”

1. Add a file
2. Add another line
3. Add a ‘stable’ feature
4. Lol jk, I broke it, revert pls

“This is example file content.
There are two lines in this file.”

Enter Git

Snapshots
Not Diffs

Distributed

Local Changes & Remote Sync

data++

Working Directory

(stage)

Staging Area

(commit)

Git Repository

Working Directory

(stage)

Staging Area

(commit)

Git Repository

Working Directory

(stage)

Staging Area

(commit)

Git Repository

Working Directory

(stage)

Staging Area

(commit)

Git Repository

Working Directory

(stage)

Staging Area

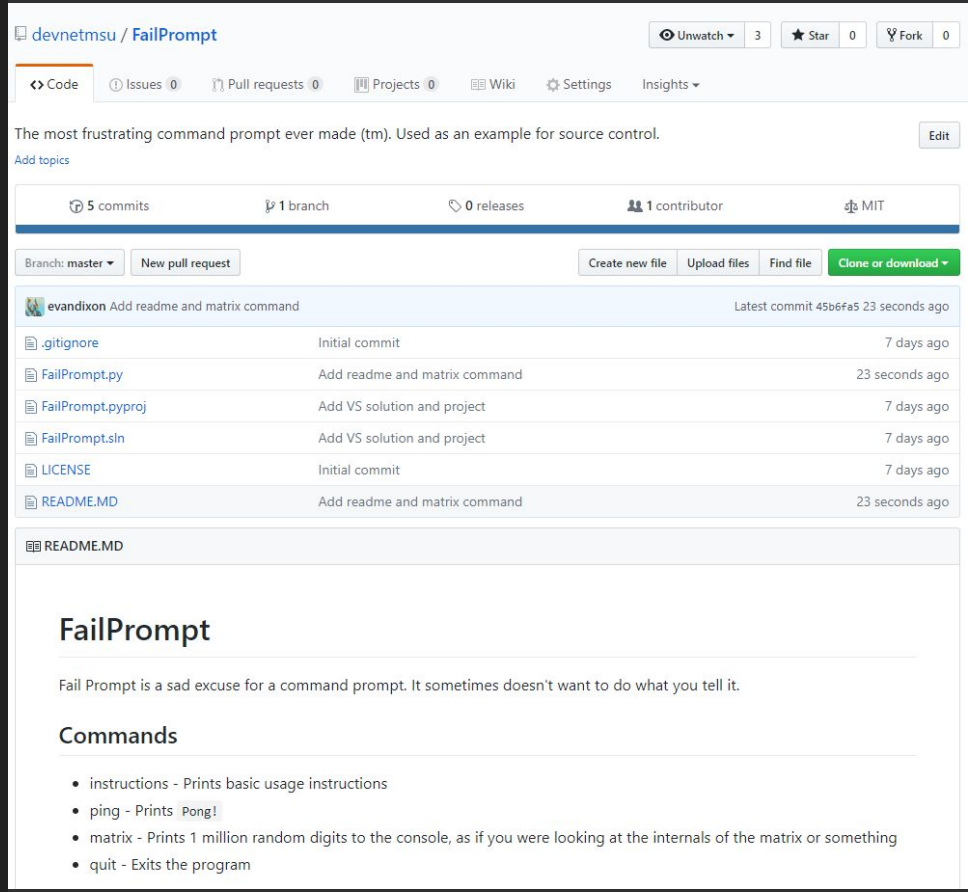
(commit)

Git Repository

Gitionary

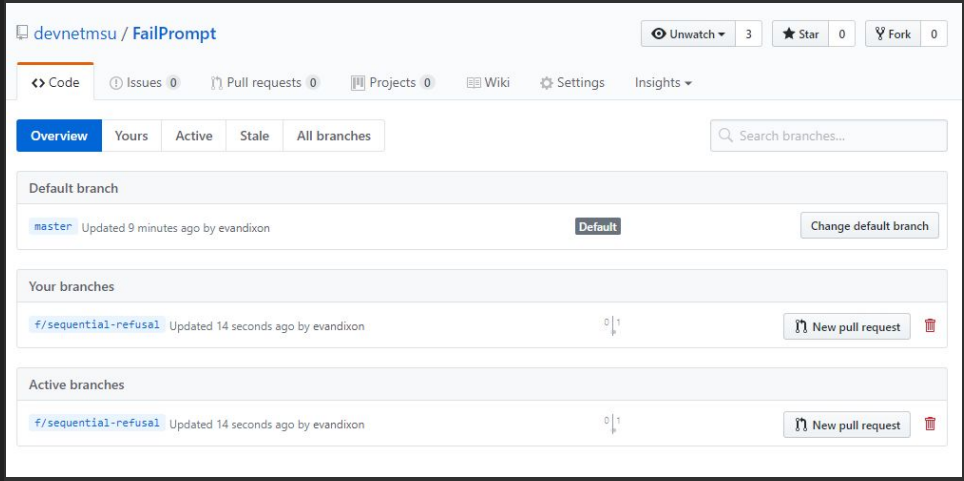
Repository

(n) A collection of references



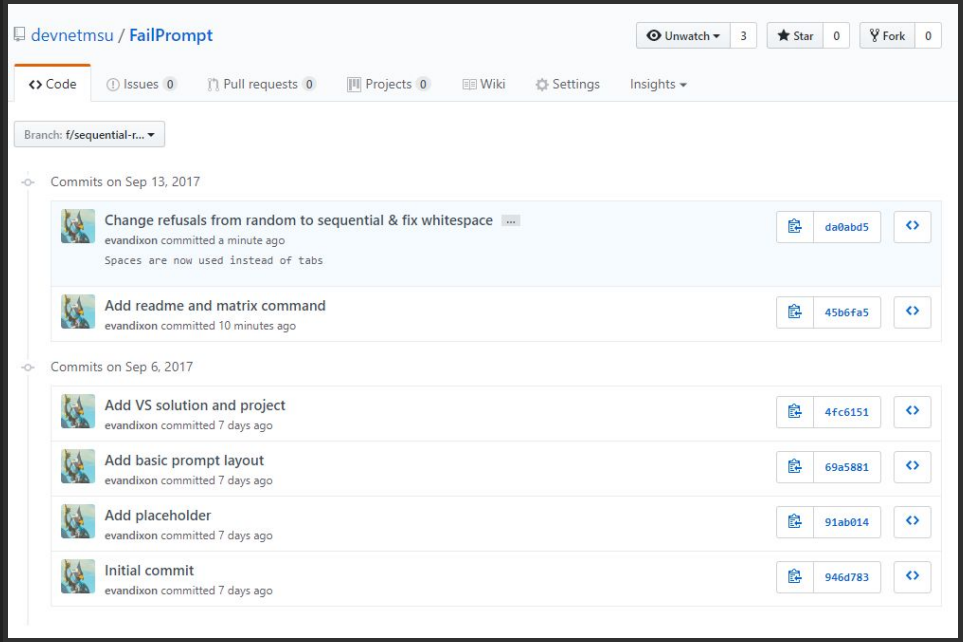
Branch

(n) An active line of development



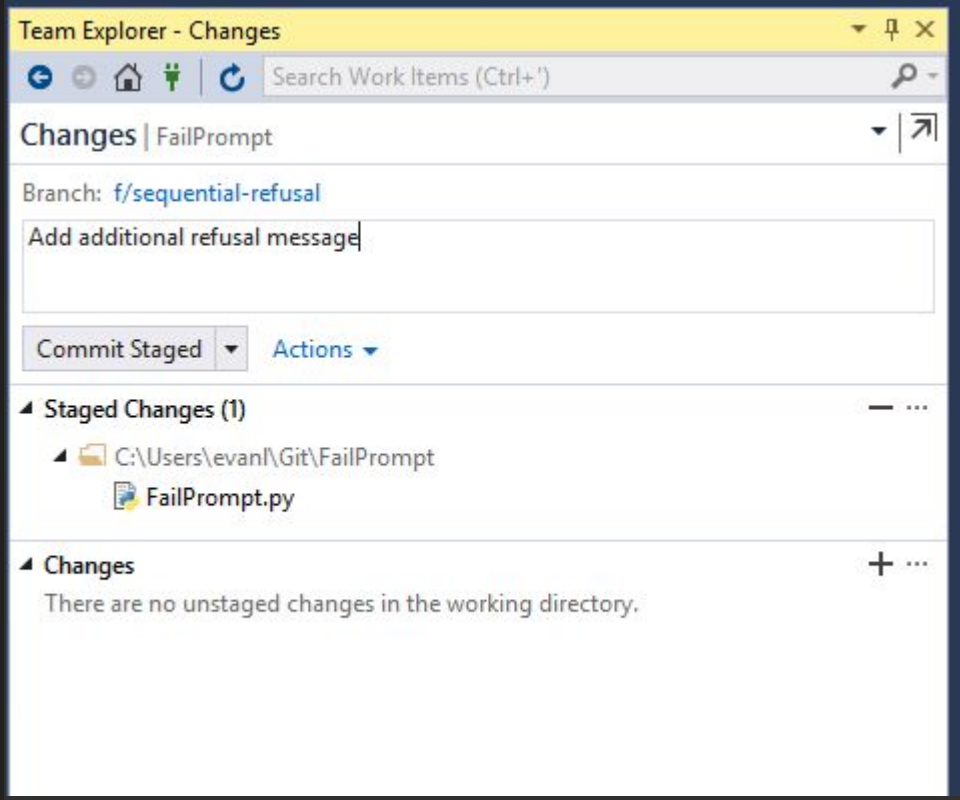
Commit

(n) A snapshot of files



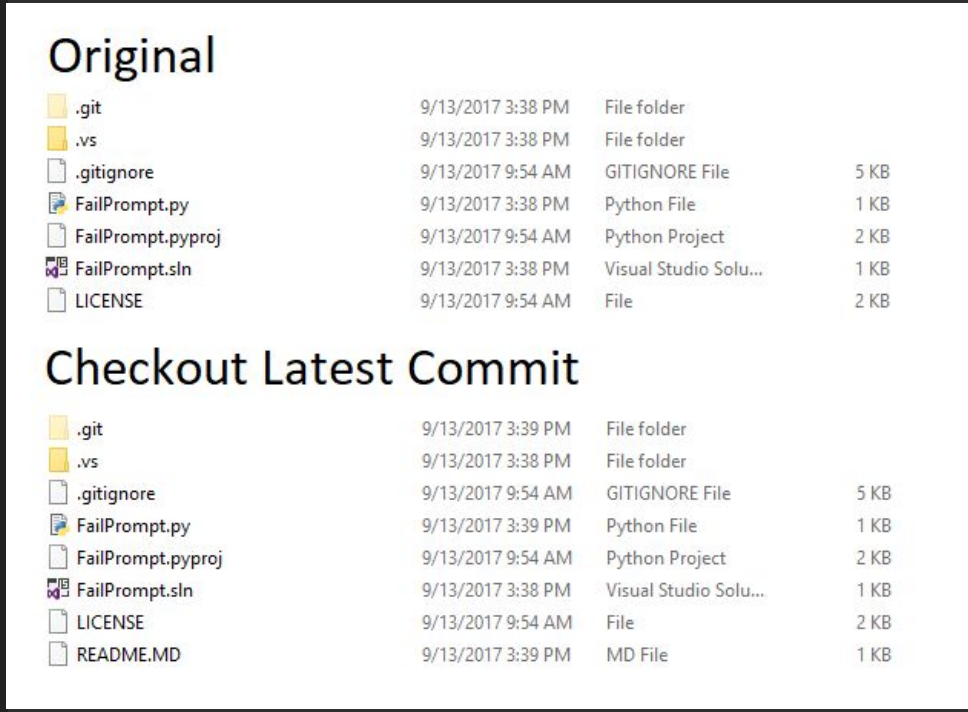
Commit

(v) The process of creating a snapshot of changes from staged files



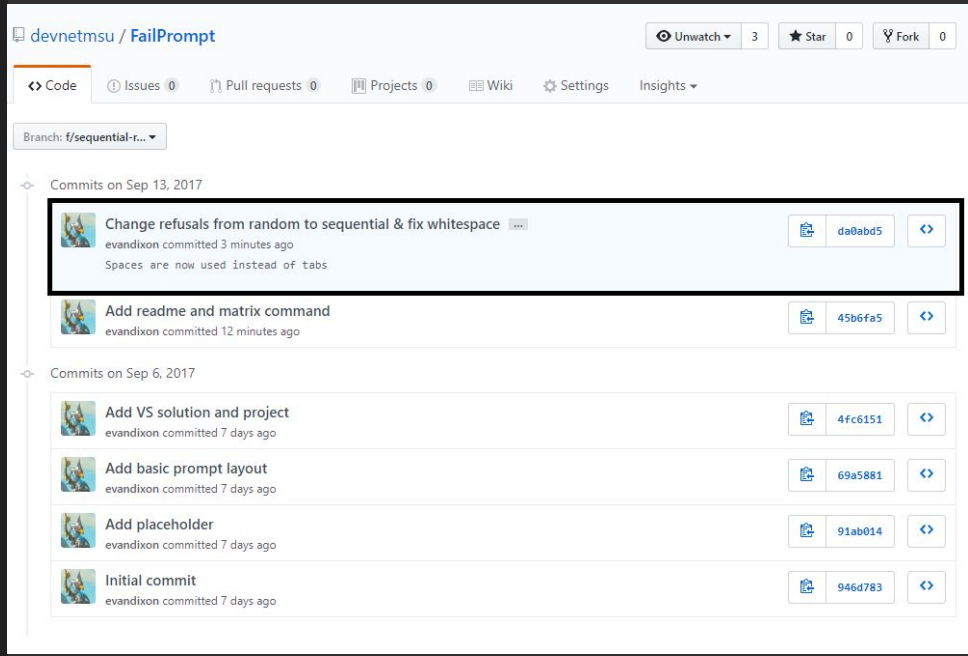
Checkout

(v) The act of updating the working tree from another tree



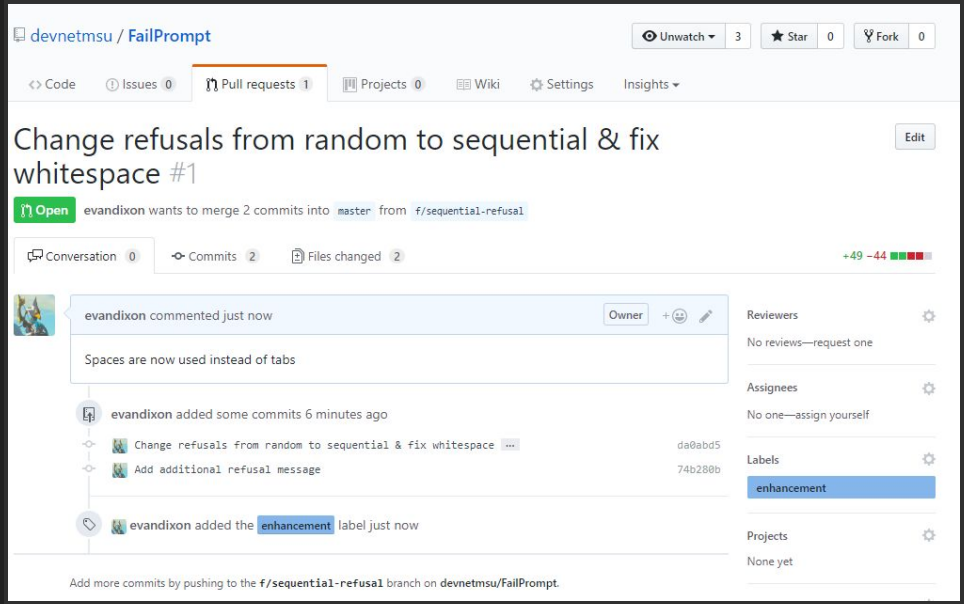
Head

(n) The top of the current branch



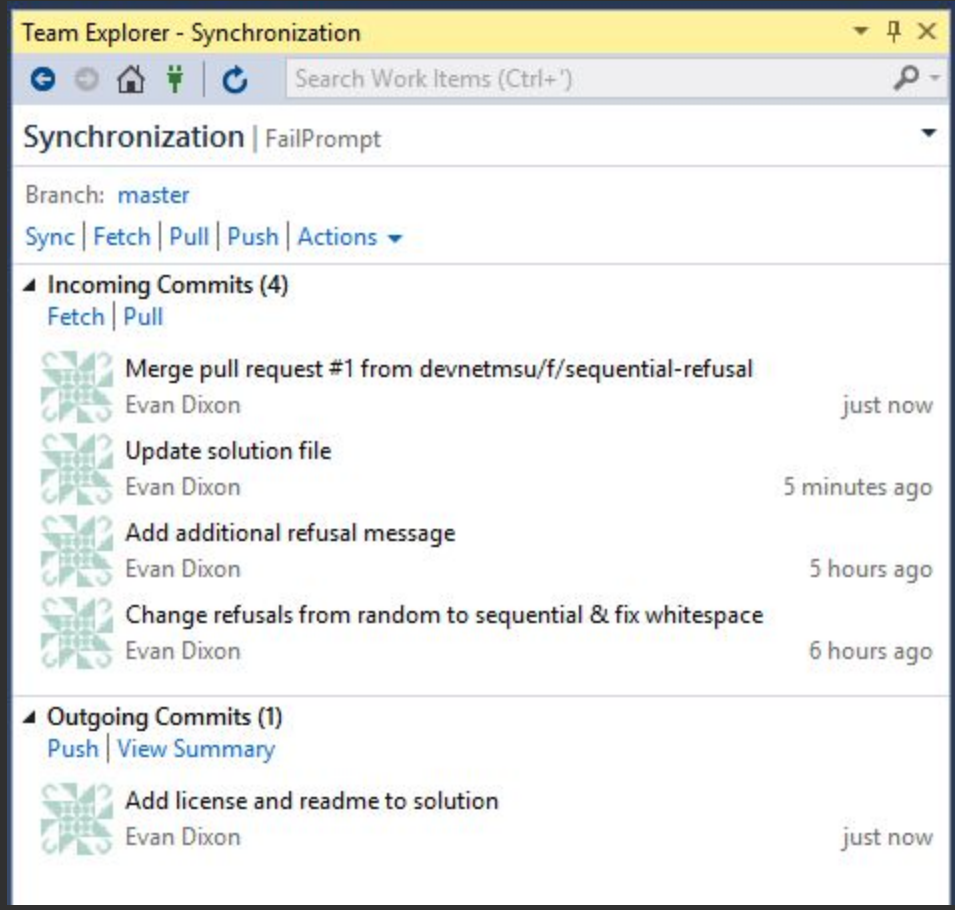
Merge

(v) To bring the contents of two branches into one.



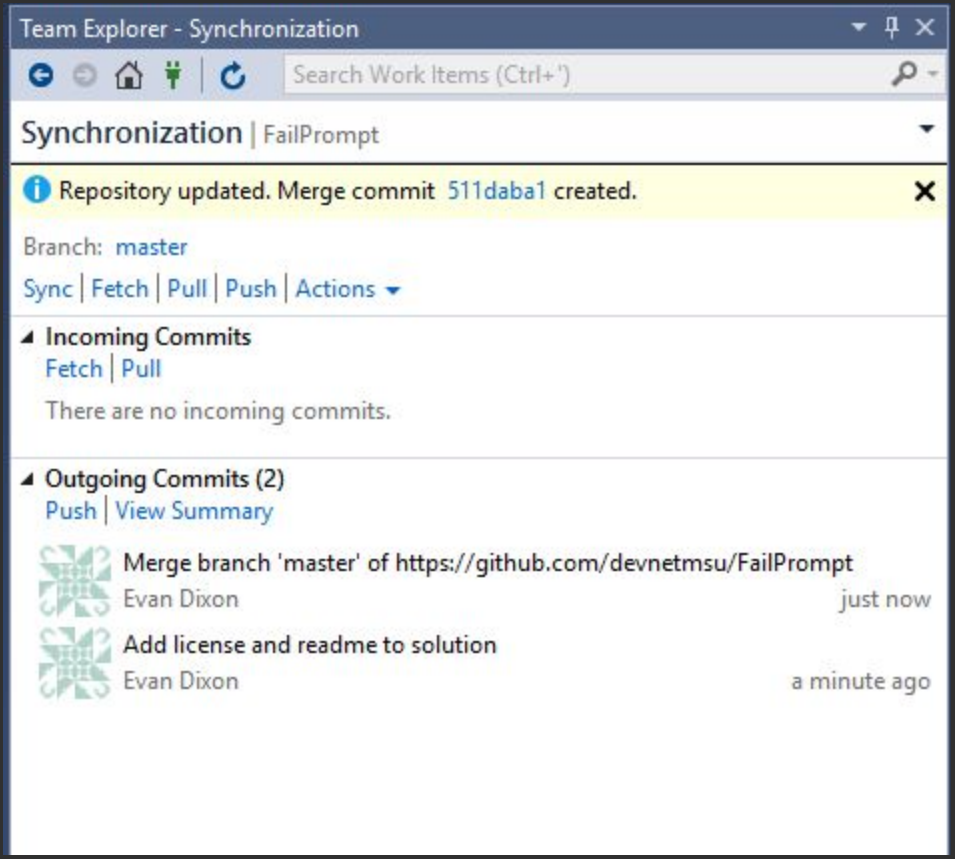
Fetch

(v) Get commits from a remote repo without merging them into the current branch



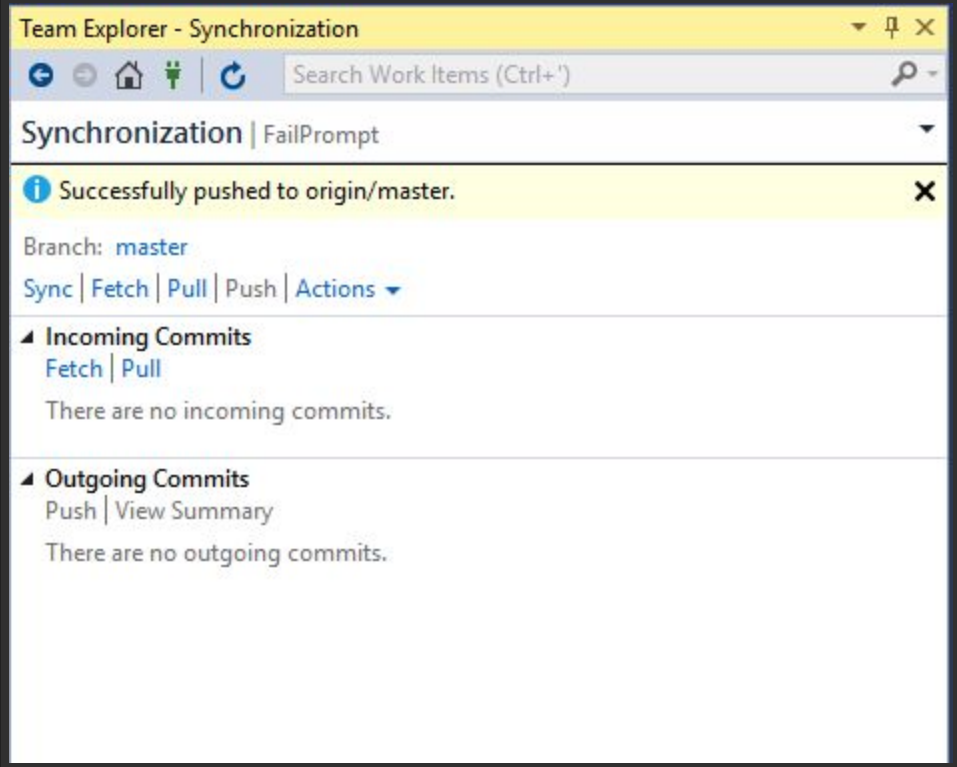
Pull

(v) Fetch and merge a branch



Push

(v) Send commits from the local branch to the remote branch



Where’s the Remote?

Enter GitHub

Interfaces
CLI & GUI

SourceTree

GitKraken

IDE Plugins

axosoft
GitKraken

nodegit
fix-missing-frees
Undo
Redo
Pull
Push
Branch
Undo Checkout from "master" to "fix-missing-frees"
feature/example
master
Merge pull request #1260 from smith-kyle/ref-rename-test
Reference#rename test
GitKraken Tutorial:
For Beginners
GitKraken
v0.18.0
Bump to 0.18.0
Merge pull request #1224 from Implausible/feature/provide-reb
Merge pull request #1232 from srajko/throttle-overflow-fix
Merge pull request #1208 from srajko/callback-fire-forget
Should test everything, not just rebase

Git Flow

Create Branch

(Make Commits)

Open Pull Request

(Discuss & Review)

Merge & Deploy

Create Branch

(Make Commits)

Open Pull Request

(Discuss & Review)

Merge & Deploy

f/feature-name

b/bug-identifier

r/release-name

Create Branch

(Make Commits)

Open Pull Request

(Discuss & Review)

Merge & Deploy

Create Branch

(Make Commits)

Open Pull Request

(Discuss & Review)

Merge & Deploy

Create Branch

(Make Commits)

Open Pull Request

(Discuss & Review)

Merge & Deploy

Create Branch

(Make Commits)

Open Pull Request

(Discuss & Review)

Merge & Deploy

Demo

Resources

https://try.github.io

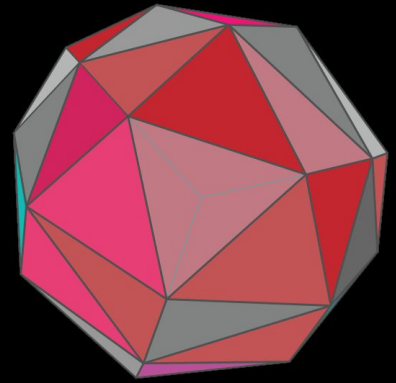
How to Undo Almost Anything With Git

http://ndpsoftware.com/git-cheatsheet.html

https://guides.github.com/introduction/flow/

Thanks

Contact Info:



devnet