**Session Log and Notes**

**2024 03 31 First git session**

Microsoft Windows [Version 10.0.19045.4170]

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C:\Users\Steve>git config --list --show-origin

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig diff.astextplain.textconv=astextplain

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig filter.lfs.clean=git-lfs clean -- %f

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig filter.lfs.smudge=git-lfs smudge -- %f

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig filter.lfs.process=git-lfs filter-process

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig filter.lfs.required=true

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig http.sslbackend=openssl

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig http.sslcainfo=C:/Users/Steve/AppData/Local/Programs/Git/mingw64/etc/ssl/certs/ca-bundle.crt

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig core.autocrlf=true

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig core.fscache=true

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig core.symlinks=false

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig core.editor=notepad

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig pull.rebase=false

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig credential.helper=manager

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig credential.https://dev.azure.com.usehttppath=true

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig init.defaultbranch=main

C:\Users\Steve>git config --global user.name "Steve Nielson"

C:\Users\Steve>git config --global user.email SteveN5QC@gmail.com

C:\Users\Steve>git config --global init.defaultBranch main

C:\Users\Steve>git config --list

diff.astextplain.textconv=astextplain

filter.lfs.clean=git-lfs clean -- %f

filter.lfs.smudge=git-lfs smudge -- %f

filter.lfs.process=git-lfs filter-process

filter.lfs.required=true

http.sslbackend=openssl

http.sslcainfo=C:/Users/Steve/AppData/Local/Programs/Git/mingw64/etc/ssl/certs/ca-bundle.crt

core.autocrlf=true

core.fscache=true

core.symlinks=false

core.editor=notepad

pull.rebase=false

credential.helper=manager

credential.https://dev.azure.com.usehttppath=true

init.defaultbranch=main

user.name=Steve Nielson

user.email=SteveN5QC@gmail.com

init.defaultbranch=main

C:\Users\Steve>git config user.name

Steve Nielson

C:\Users\Steve>git help config

C:\Users\Steve>git add -h

usage: git add [<options>] [--] <pathspec>...

-n, --[no-]dry-run dry run

-v, --[no-]verbose be verbose

-i, --[no-]interactive

interactive picking

-p, --[no-]patch select hunks interactively

-e, --[no-]edit edit current diff and apply

-f, --[no-]force allow adding otherwise ignored files

-u, --[no-]update update tracked files

--[no-]renormalize renormalize EOL of tracked files (implies -u)

-N, --[no-]intent-to-add

record only the fact that the path will be added later

-A, --[no-]all add changes from all tracked and untracked files

--[no-]ignore-removal ignore paths removed in the working tree (same as --no-all)

--[no-]refresh don't add, only refresh the index

--[no-]ignore-errors just skip files which cannot be added because of errors

--[no-]ignore-missing check if - even missing - files are ignored in dry run

--[no-]sparse allow updating entries outside of the sparse-checkout cone

--[no-]chmod (+|-)x override the executable bit of the listed files

--[no-]pathspec-from-file <file>

read pathspec from file

--[no-]pathspec-file-nul

with --pathspec-from-file, pathspec elements are separated with NUL character

**Resume**

C:\Users\Steve>cd C:\Users\Steve\OneDrive\Working Files\Resume

C:\Users\Steve\OneDrive\Working Files\Resume>git init

Initialized empty Git repository in C:/Users/Steve/OneDrive/Working Files/Resume/.git/

C:\Users\Steve\OneDrive\Working Files\Resume>git add Resume\_Stephen\_A\_Nielson.docx

C:\Users\Steve\OneDrive\Working Files\Resume>git add LICENSE

fatal: pathspec 'LICENSE' did not match any files

C:\Users\Steve\OneDrive\Working Files\Resume>git add README.MD

fatal: pathspec 'README.MD' did not match any files

C:\Users\Steve\OneDrive\Working Files\Resume>git add README.MD

C:\Users\Steve\OneDrive\Working Files\Resume>git commit -m 'Initial Resume Git Tracking Version'

error: pathspec 'Resume' did not match any file(s) known to git

error: pathspec 'Git' did not match any file(s) known to git

error: pathspec 'Tracking' did not match any file(s) known to git

error: pathspec 'Version'' did not match any file(s) known to git

C:\Users\Steve\OneDrive\Working Files\Resume>git commit -m "Initial Resume Git Tracking Version"

[main (root-commit) ba800e6] Initial Resume Git Tracking Version

2 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 README.MD

create mode 100644 Resume\_Stephen\_A\_Nielson.docx

C:\Users\Steve\OneDrive\Working Files\Resume>

# **NEXT: Cloning an Existing Repository in 2.1 Git Basics - Getting a Git Repository**

**2024 04 01 Second git session**

Microsoft Windows [Version 10.0.19045.4170]

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C:\Users\Steve>cd C:\Users\Steve\OneDrive\Working Files\Git\_Learning

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>git clone https://github.com/SteveN5QC/Git\_Education.git

Cloning into 'Git\_Education'...

remote: Enumerating objects: 9, done.

remote: Counting objects: 100% (9/9), done.

remote: Compressing objects: 100% (8/8), done.

remote: Total 9 (delta 0), reused 0 (delta 0), pack-reused 0

Receiving objects: 100% (9/9), 25.67 MiB | 7.20 MiB/s, done.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>

A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is up to date with 'origin/main'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Learning\_Plan.docx

modified: Session\_Log\_and\_Notes.docx

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is up to date with 'origin/main'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Learning\_Plan.docx

modified: README.md

modified: Session\_Log\_and\_Notes.docx

Untracked files:

(use "git add <file>..." to include in what will be committed)

~$README.md

no changes added to commit (use "git add" and/or "git commit -a")

**Moved in from Errata.txt o 4/2/2024 on Tails**

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is up to date with 'origin/main'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Learning\_Plan.docx

modified: Session\_Log\_and\_Notes.docx

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is up to date with 'origin/main'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Learning\_Plan.docx

modified: README.md

modified: Session\_Log\_and\_Notes.docx

Untracked files:

(use "git add <file>..." to include in what will be committed)

~$README.md

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git add

Nothing specified, nothing added.

hint: Maybe you wanted to say 'git add .'?

hint: Turn this message off by running

hint: "git config advice.addEmptyPathspec false"

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git add Learning\_Plan.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is up to date with 'origin/main'.

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: Learning\_Plan.docx

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: README.md

modified: Session\_Log\_and\_Notes.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git add README.md

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git add Session\_Log\_and\_Notes.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is up to date with 'origin/main'.

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: Learning\_Plan.docx

modified: README.md

modified: Session\_Log\_and\_Notes.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status -s

M Learning\_Plan.docx

M README.md

M Session\_Log\_and\_Notes.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status -s

M Learning\_Plan.docx

M README.md

M Session\_Log\_and\_Notes.docx

?? Errata.txt

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>

============================================================================================

C:\Users\Steve>cd C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git remote

origin

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git remote -v

origin https://github.com/SteveN5QC/Git\_Education.git (fetch)

origin https://github.com/SteveN5QC/Git\_Education.git (push)

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is ahead of 'origin/main' by 1 commit.

(use "git push" to publish your local commits)

nothing to commit, working tree clean

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git push origin main

info: please complete authentication in your browser...

Enumerating objects: 10, done.

Counting objects: 100% (10/10), done.

Delta compression using up to 8 threads

Compressing objects: 100% (6/6), done.

Writing objects: 100% (6/6), 180.33 KiB | 16.39 MiB/s, done.

Total 6 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/SteveN5QC/Git\_Education.git

7fbbe28..73369a1 main -> main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git remote show origin

\* remote origin

Fetch URL: https://github.com/SteveN5QC/Git\_Education.git

Push URL: https://github.com/SteveN5QC/Git\_Education.git

HEAD branch: main

Remote branch:

main tracked

Local branch configured for 'git pull':

main merges with remote main

Local ref configured for 'git push':

main pushes to main (up to date)

**4/4/24 PM Session**

Microsoft Windows [Version 10.0.19045.4170]

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C:\Users\Steve>cd C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch HP\_D

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Session\_Log\_and\_Notes.docx

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git fetch origin

fatal: unable to access 'https://github.com/SteveN5QC/Git\_Education.git/': Could not resolve host: github.com

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git fetch origin

remote: Enumerating objects: 14, done.

remote: Counting objects: 100% (14/14), done.

remote: Compressing objects: 100% (10/10), done.

remote: Total 11 (delta 1), reused 4 (delta 1), pack-reused 0

Unpacking objects: 100% (11/11), 25.47 KiB | 299.00 KiB/s, done.

From https://github.com/SteveN5QC/Git\_Education

045744c..352acac Forgetful -> origin/Forgetful

6021ab9..4037e0d HP\_D -> origin/HP\_D

6021ab9..429be77 main -> origin/main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch

\* HP\_D

main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git fetch origin Forgetful

From https://github.com/SteveN5QC/Git\_Education

\* branch Forgetful -> FETCH\_HEAD

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch Forgetful FETCH\_HEAD

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch HP\_D FETCH\_HEAH

fatal: a branch named 'HP\_D' already exists

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git checkiyr HP\_D

git: 'checkiyr' is not a git command. See 'git --help'.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git checkout HP\_D

M Session\_Log\_and\_Notes.docx

Already on 'HP\_D'

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch

Forgetful

\* HP\_D

main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch HP\_D

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Session\_Log\_and\_Notes.docx

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git clone https://github.com/SteveN5QC/Git\_Education

Cloning into 'Git\_Education'...

remote: Enumerating objects: 37, done.

remote: Counting objects: 100% (37/37), done.

remote: Compressing objects: 100% (32/32), done.

remote: Total 37 (delta 7), reused 14 (delta 4), pack-reused 0

Receiving objects: 100% (37/37), 26.05 MiB | 12.26 MiB/s, done.

Resolving deltas: 100% (7/7), done.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git clone https://github.com/SteveN5QC/Git\_Education

Cloning into 'Git\_Education'...

remote: Enumerating objects: 37, done.

remote: Counting objects: 100% (37/37), done.

remote: Compressing objects: 100% (32/32), done.

remote: Total 37 (delta 7), reused 14 (delta 4), pack-reused 0

Receiving objects: 100% (37/37), 26.05 MiB | 12.77 MiB/s, done.

Resolving deltas: 100% (7/7), done.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>cd ..

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>git clone https://github.com/SteveN5QC/Git\_Education

fatal: destination path 'Git\_Education' already exists and is not an empty directory.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>git clone https://github.com/SteveN5QC/Git\_Education

Cloning into 'Git\_Education'...

remote: Enumerating objects: 37, done.

remote: Counting objects: 100% (37/37), done.

remote: Compressing objects: 100% (32/32), done.

remote: Total 37 (delta 7), reused 14 (delta 4), pack-reused 0

Receiving objects: 100% (37/37), 26.05 MiB | 12.27 MiB/s, done.

Resolving deltas: 100% (7/7), done.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>dir

Volume in drive C is WINDOWS

Volume Serial Number is C21B-31FB

Directory of C:\Users\Steve\OneDrive\Working Files\Git\_Learning

04/04/2024 10:27 PM <DIR> .

04/04/2024 10:27 PM <DIR> ..

04/01/2024 03:11 PM 26,945,415 2024\_04\_01\_Upload2GitHub.zip

04/04/2024 10:27 PM <DIR> Git\_Education

1 File(s) 26,945,415 bytes

3 Dir(s) 73,354,022,912 bytes free

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>cd Git\_Education

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>dir

Volume in drive C is WINDOWS

Volume Serial Number is C21B-31FB

Directory of C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education

04/04/2024 10:27 PM <DIR> .

04/04/2024 10:27 PM <DIR> ..

04/04/2024 10:27 PM 1,554 Errata.txt

04/04/2024 10:27 PM 6,152 Git\_Learning\_Resources.docx

04/04/2024 10:27 PM 16,596 Learning\_Plan.docx

04/04/2024 10:27 PM 6,725 Open\_Issues\_Tracker.docx

04/04/2024 10:27 PM 13,996,544 progit.epub

04/04/2024 10:27 PM 18,834,117 progit.pdf

04/04/2024 10:27 PM 375 README.md

04/04/2024 10:27 PM 175,973 Session\_Log\_and\_Notes.docx

04/04/2024 10:27 PM 14,551 Tails\_Installation\_Notes.docx

9 File(s) 33,052,587 bytes

2 Dir(s) 73,351,643,136 bytes free

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch

\* main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git fetch origin HP\_D

From https://github.com/SteveN5QC/Git\_Education

\* branch HP\_D -> FETCH\_HEAD

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch HP\_D FETCH\_HEAD

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git checkout HP\_D

Switched to branch 'HP\_D'

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch

\* HP\_D

main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch HP\_D

nothing to commit, working tree clean

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>

**git add ….**

**git commit**

**git push rigin HP\_D**