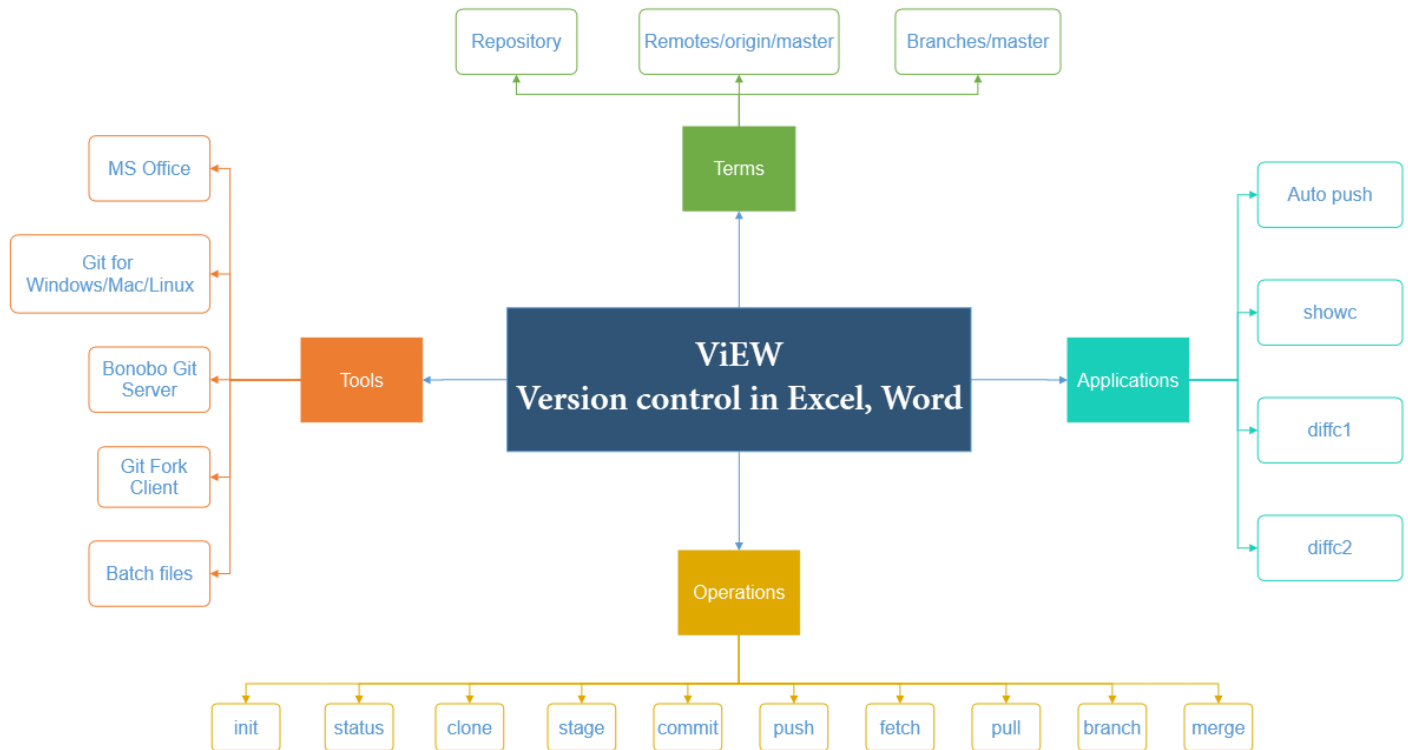


ViEW (Version control system in Excel, Word)

Version: 0.1

A software tool to use Git in Office | Excel, Word



Tools Installation

MS Excel 2013 Professional Plus

Bonobo Git Server

Fork Git Client

Git for Windows

Batch programs

Environment PATH variables

Terms

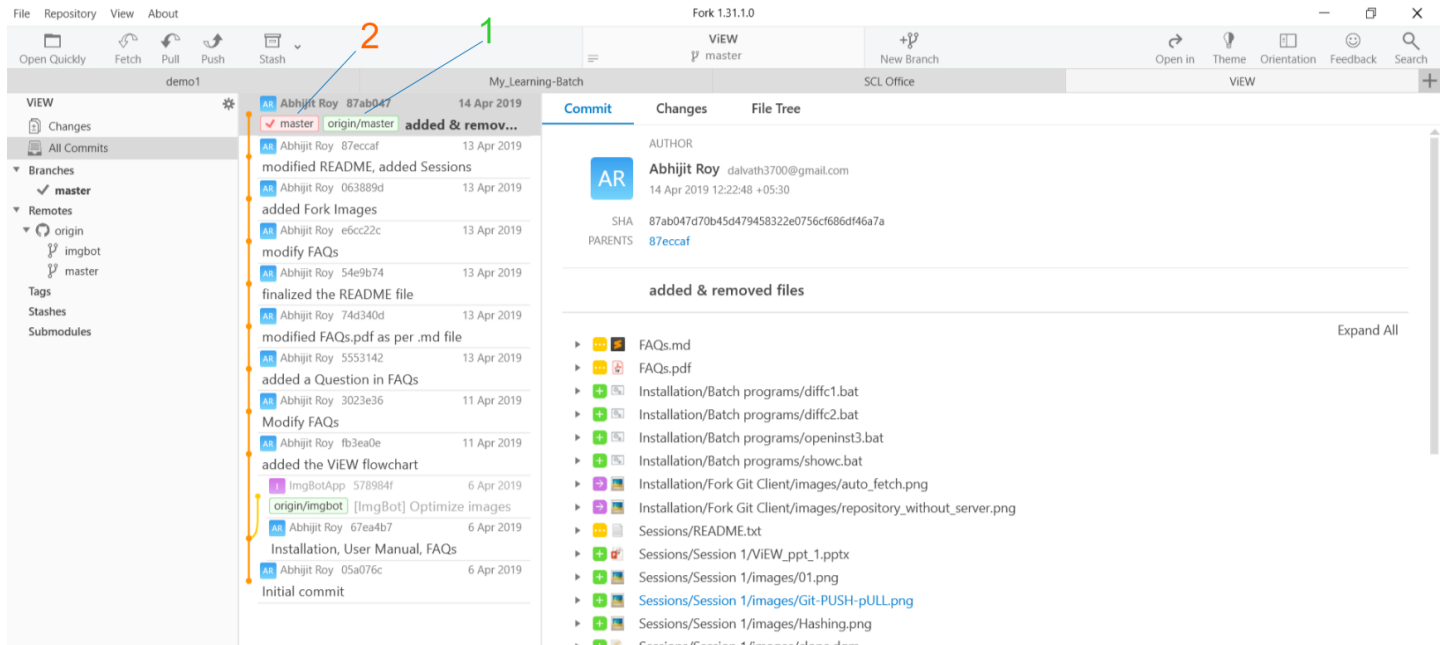
1. Repository

Repository is termed as any folder with files (any format), sub-folders inside it.



2. `remotes/origin/master`

It refers to the **master** (or main) branch of the repository kept at remote server.



In the image above,

1 - shows the `origin/master`, basically the master (or main) branch of repository (named - ViEW) kept at remote location.

3. `branch/master`

It refers to the **master** (or main) branch of the repository (named - ViEW) kept at local storage (like PC, desktop).

In the image above,

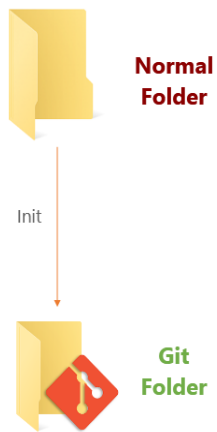
2 - shows the `branches/master`, basically the master (or main) branch of folder kept at local location.

NOTE: Both the masters (at remote & local) are in sync.

Operations

1. `init`

It refers to initializing a non-git (or normal) folder to git repository.



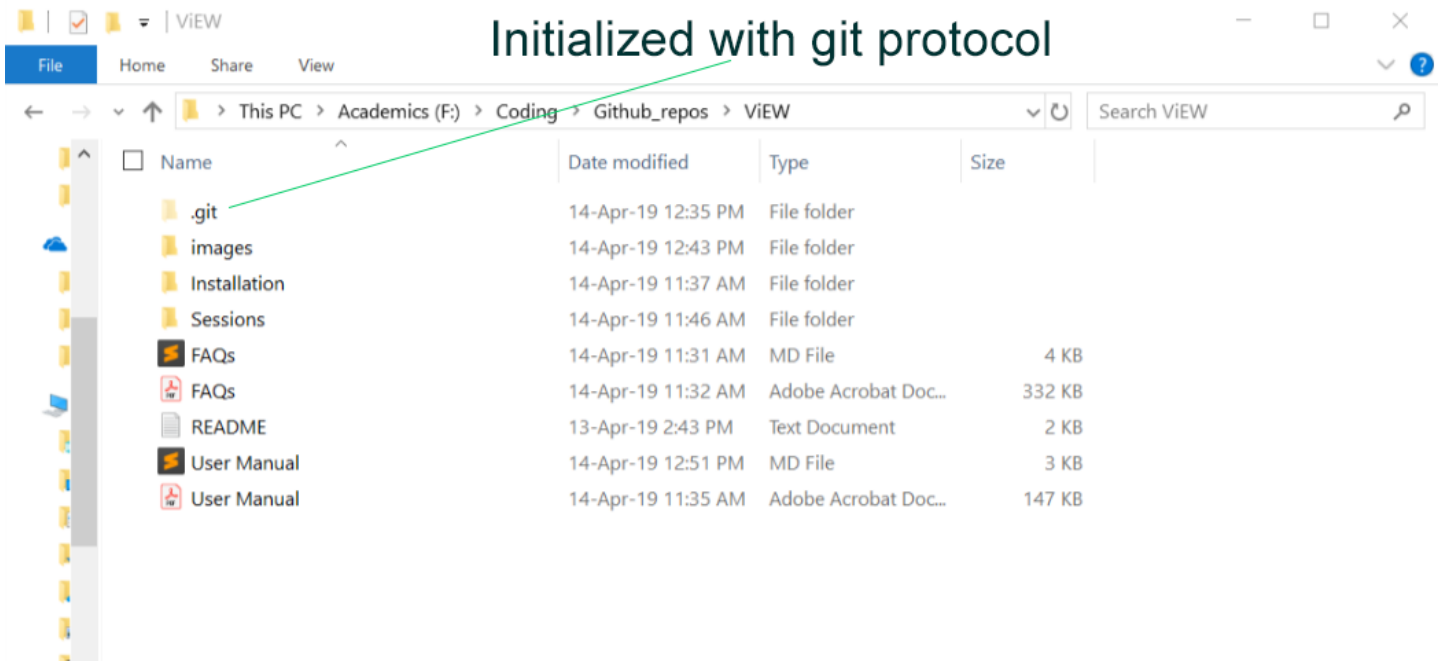
Example:

Normal repository:

The screenshot shows a Windows File Explorer window titled "ViEW". The address bar indicates the path: "Academics (F:) > Coding > Github_repos > ViEW". The left sidebar shows a tree view of folders. The main pane displays a list of files and folders with columns for Name, Date modified, Type, and Size.

Name	Date modified	Type	Size
images	14-Apr-19 12:35 PM	File folder	
Installation	14-Apr-19 11:37 AM	File folder	
Sessions	14-Apr-19 11:46 AM	File folder	
FAQs	14-Apr-19 11:31 AM	MD File	4 KB
FAQs	14-Apr-19 11:32 AM	Adobe Acrobat Doc...	332 KB
README	13-Apr-19 2:43 PM	Text Document	2 KB
User Manual	14-Apr-19 12:41 PM	MD File	2 KB
User Manual	14-Apr-19 11:35 AM	Adobe Acrobat Doc...	147 KB

Git repository:

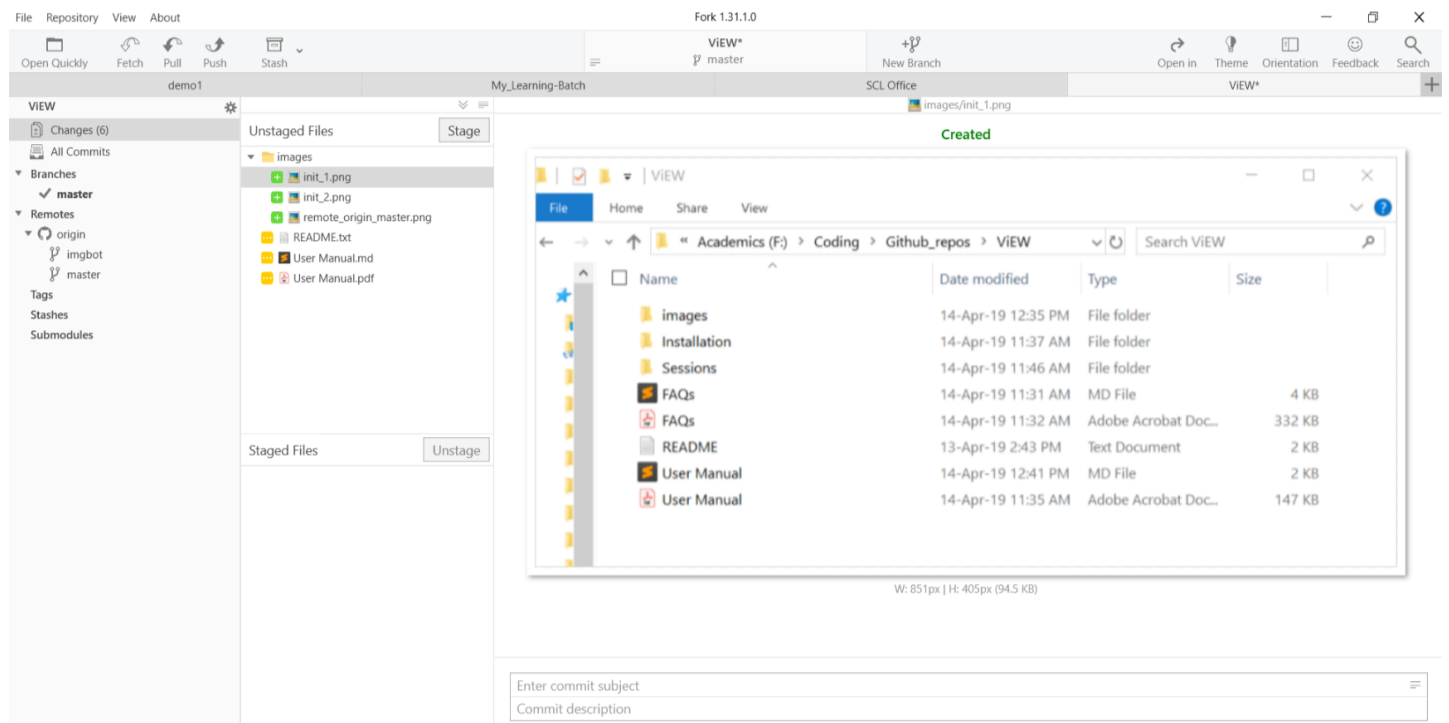


NOTE: From now onwards, **Git repository** will be called as **repository** (in short).

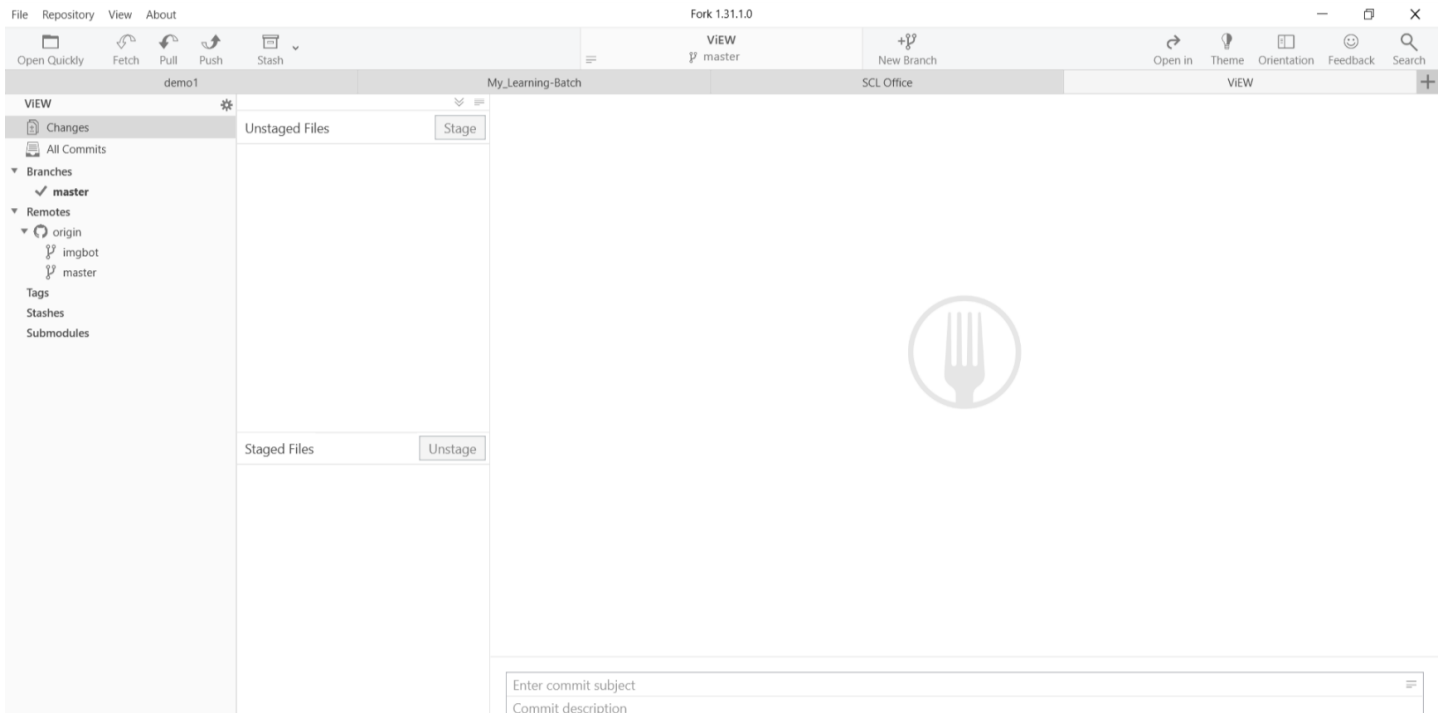
2. status

It shows the status of the files (inside repository) changed. To see the changes (if any), click "Changes" on the left pane of Fork Application.

Example 1: Status showing file changes

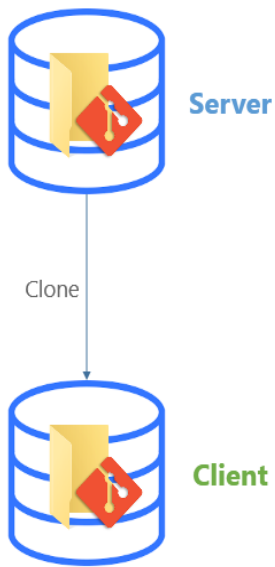


Example 2: Status showing NO file changes

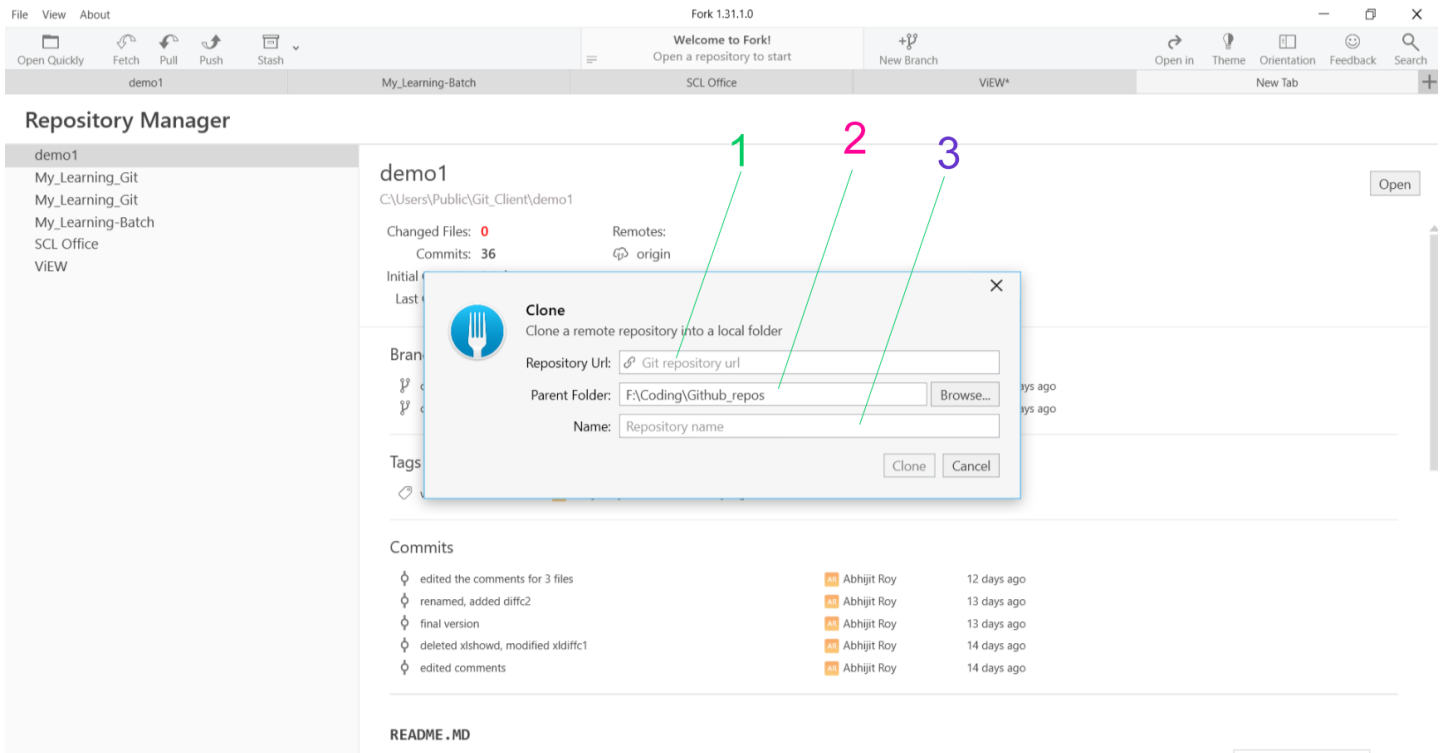


3. clone

This is to clone/download the repository (from remote location) to a desired directory in the local PC/Desktop.



Example: Clone a repository



In the Image above,

- 1 - Remote URL of the repository. E.g.: "http://localhost/Bonobo.Git.Server/demo1.git"
- 2 - Local directory where the repository is to be cloned.
- 3 - Custom Name for the cloned repository.

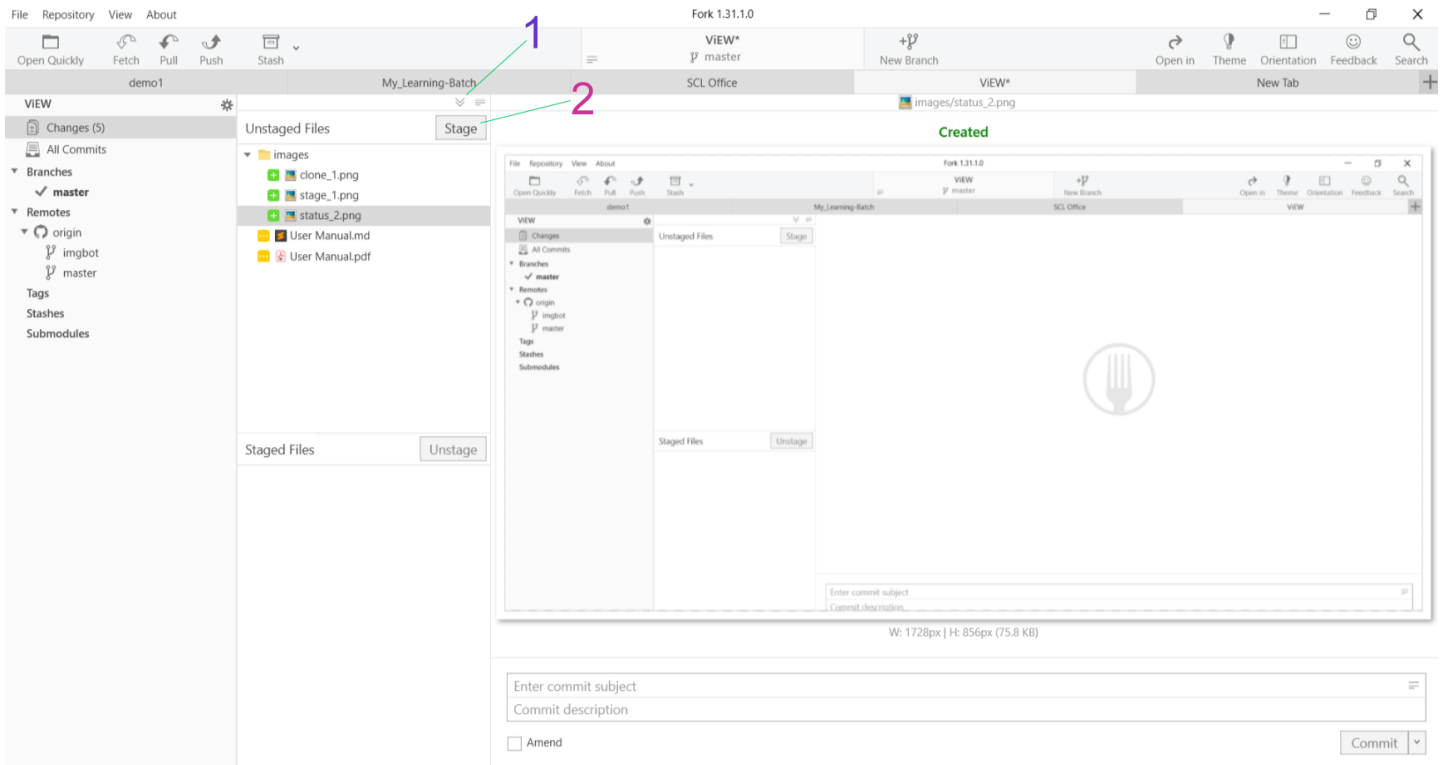
4. **stage**

Add file(s) to the Staging area. It's like adding/registering files for recording changes (in the repository).



In the image above, user has to stage the file(s) to **Staging area** before recording changes.

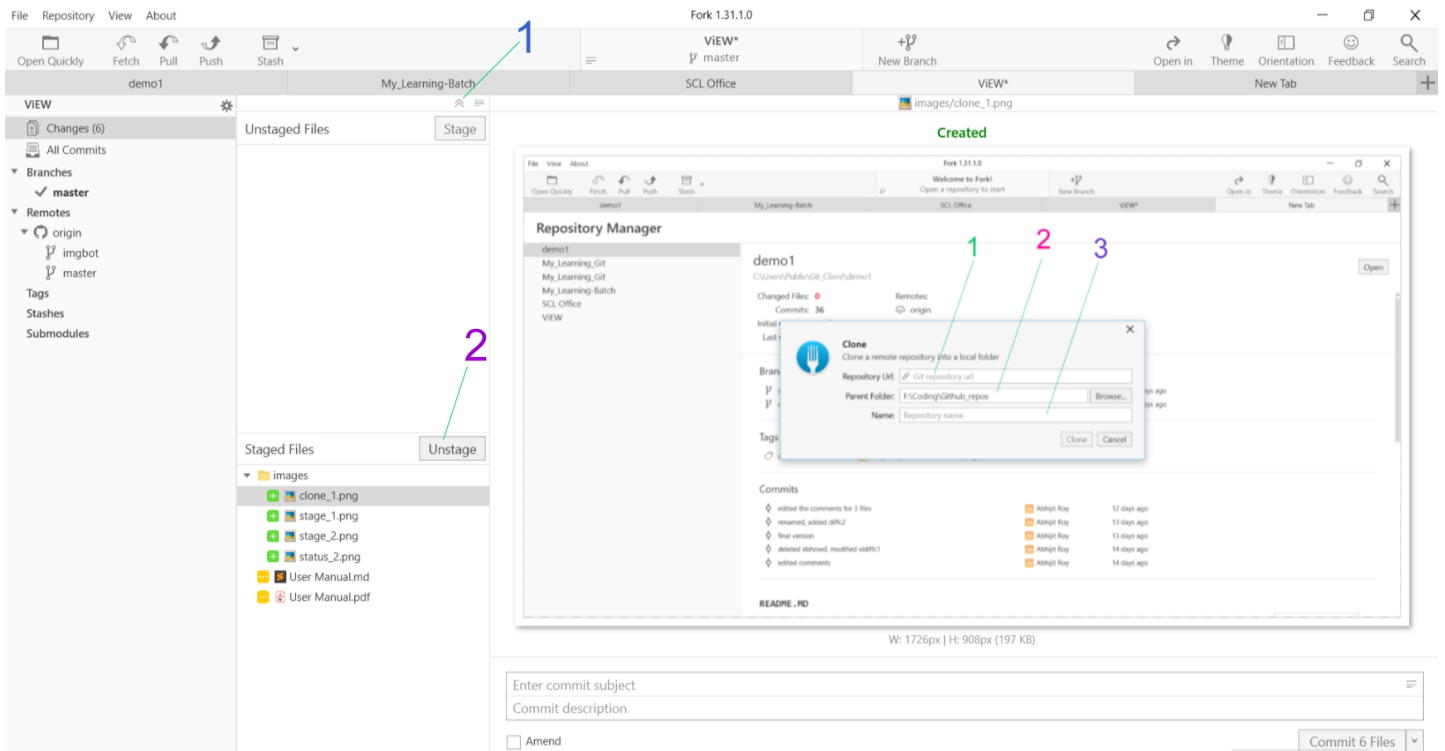
Example: Unstaged Files



In the Image above,

- 1 - Stage all file(s)
- 2 - Stage selected file(s)

Example: Staged Files



In the Image above,

- 1 - Unstage all file(s)
- 2 - Unstage selected file(s)

5. `commit`

6. `push`

7. `fetch`

8. `pull`

Utility

- `showc`
- `diffc1`
- `diffc2`
- `autopush`
- `allsync`