

# Article about Git

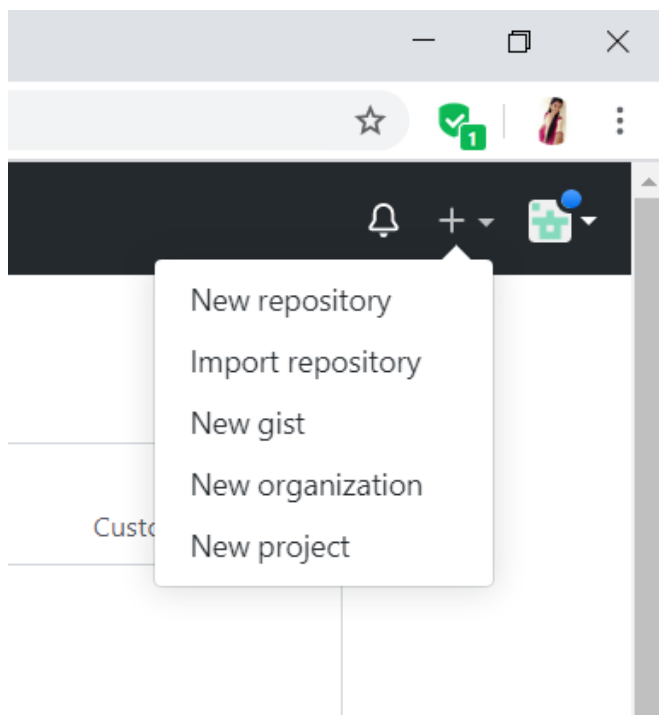
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## What is Git?

A git is a version control system for tracking changes in computer files and coordinating work on those files among multiple people.

## Creating a Repository

Go to your github account and click + and then click **New repository**.




## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

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Owner Repository name \*


 Yamushree ▾ /

Great repository names are short and memorable. Need inspiration? How about [ideal-goggles?](#)

Description (optional)

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☒  **Public**  
Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**  
You choose who can see and commit to this repository.

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Skip this step if you're importing an existing repository.

☐ **Initialize this repository with a README**  
This will let you immediately clone the repository to your computer.

Add .gitignore: None ▾ | Add a license: None ▾ [?](#)

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[Create repository](#)

Give a name to your repository in place of **Repository name** and then make it **Public** . Click **Create repository**.

## Cd command

change the directory by giving the **location** of the file you need to push into your github.

```
Admin@DESKTOP-4H6C39U MINGW64 ~
$ cd c:/Users/Admin/Desktop/tomato/

Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato
$ |
```

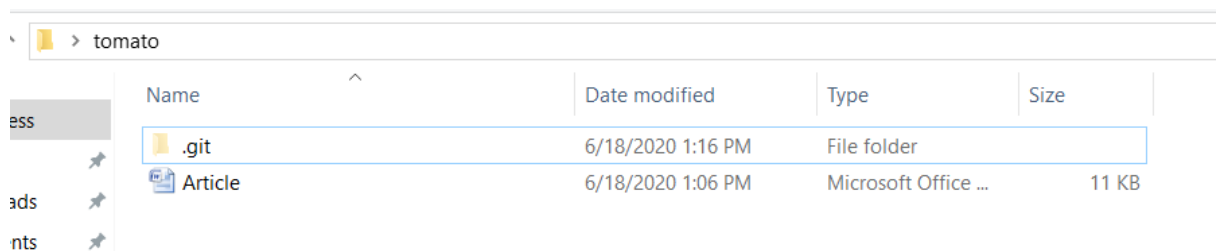
## Init command

### git init

This command will create a **.git** folder to the location of the file.

```
Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato
$ git init
Initialized empty Git repository in C:/Users/Admin/Desktop/tomato/.git/

Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato (master)
$ |
```



Name	Date modified	Type	Size
.git	6/18/2020 1:16 PM	File folder	
Article	6/18/2020 1:06 PM	Microsoft Office ...	11 KB

## Status command

### git status

The status command is used to know the **status** of your repository.

```
Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
  Article.docx

nothing added to commit but untracked files present (use "git add" to track)

Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato (master)
$ |
```

## Add command

## git add “name of the file”

Adds the file to the staging area.

```
Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato (master)
$ git add Article.docx

Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato (master)
$ |
```

```
Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato (master)
$ git config --global user.email "yamunashree6799@gmail.com"

Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato (master)
$ git config --global user.name "Yamushree"
```

## Commit command

### git commit -m “your message”

**committed** means that the data is safely stored in the database.

```
Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato (master)
$ git commit -m "committed"
[master 3f21f0a] committed
1 file changed, 0 insertions(+), 0 deletions(-)
```

## Remote command

### git remote -v

The command “git remote -v” will show whether our local repo is linked to any remote URL.

```
Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato (master)
$ git remote -v
```

This means, by default the remote URL is not setup for this local repository. So, we will setup the remote URL using the “**git remote add origin**” command.

```
Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato (master)
$ git remote add origin https://github.com/Yamushree/git_article.git

Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato (master)
$ git remote -v
origin https://github.com/Yamushree/git_article.git (fetch)
origin https://github.com/Yamushree/git_article.git (push)

Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato (master)
$ |
```

## Pushing the local repository to Github

Push command

**git push -u origin master**

This command pushes the contents to the remote github repository.

```
Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato (master)
$ git push -u origin master
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (6/6), 968.52 KiB | 17.61 MiB/s, done.
Total 6 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/Yamushree/git_article.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

Admin@DESKTOP-4H6C39U MINGW64 ~/Desktop/tomato (master)
$ |
```

Branch: master ▾


New pull request

Create new file


Upload files

Find file

Clone or download ▾

 Yamushree committed

Latest commit 3f21f0a 10 minutes ago

 [Article.docx](#)

committed

10 minutes ago

Help people interested in this repository understand your project by adding a README.

Add a README