

Pushing files to github repo using git bash

Creating SSH key in short

- Open Git Bash.
- Paste the text below, replacing the email used in the example with your GitHub email address.

```
ssh-keygen -t ed25519 -C "your_email@example.com"
```

- Generating public/private ALGORITHM key pair.
- When you're prompted to "Enter a file in which to save the key", you can press Enter to accept the default file location. Please note that if you created SSH keys previously, ssh-keygen may ask you to rewrite another key, in which case we recommend creating a custom-named SSH key. To do so, type the default file location and replace id_ALGORITHM with your custom key name.
 - > Enter file in which to save the key
(/c/Users/YOU/.ssh/id_ALGORITHM):[Press enter]
- At the prompt, type a secure passphrase. For more information, see "[Working with SSH key passphrases](#)."
- > Enter passphrase (empty for no passphrase): [Type a passphrase]
- > Enter same passphrase again: [Type passphrase again]

Checking availability of ssh key

```
$ eval $(ssh-agent -s)
```

```
Given agent pid #####
```

Generating key description.

```
ssh-add c:/Users/YOU/.ssh/id_ed25519
```

```
MINGW64/c/Users/bhask/OneDrive/Documents/vs code/git 2/temperature_converter
bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 2 (main)
$ git add
warning: adding embedded git repository: temperature_converter
hint: you've added another git repository inside your current repository.
hint: clones of the outer repository will not contain the contents of
hint: the embedded repository and will not know how to obtain it.
hint: If you meant to add a submodule, use:
hint:
hint:   git submodule add <url> temperature_converter
hint:
hint: If you added this path by mistake, you can remove it from the
hint: index with:
hint:
hint:   git rm --cached temperature_converter
hint:
hint: See "git help submodule" for more information.
hint: Disable this message with "git config advice.addEmbeddedRepo false"
bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 2 (main)
$ rm -rf .git
bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 2
$ cd AC
bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 2
$ cd temperature_converter/
bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 2/temperature_con
verter (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 2/temperature_con
verter (main)
$
```

Pushing in git remote repo from pc

```
MINGW64/c/Users/bhask/OneDrive/Documents/vs code/git 3 new
bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new
$ git init
Initialized empty Git repository in c:/Users/bhask/OneDrive/Documents/vs code/git 3 new/.git/
bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)
$ git status
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    day 1.pdf

nothing added to commit but untracked files present (use "git add" to track)
bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)
$ git add .
bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)
$ git status
On branch main

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   day 1.pdf

bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)
$ git commit -m "initail Commit"
[main (root-commit) c3870f7] initail Commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 day 1.pdf
bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)
$ git remote add origin git@github.com:BhaskarAgrawal03/git-tutorials.git
bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)
$ git remote
origin
bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)
$ git remote -v
origin git@github.com:BhaskarAgrawal03/git-tutorials.git (fetch)
origin git@github.com:BhaskarAgrawal03/git-tutorials.git (push)
bhask@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)
```

MINGW64/c:/Users/bhaskar/OneDrive/Documents/vs code/git 3 new

On branch main

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: day 1.pdf

bhaskar@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)

\$ git commit -m "initail Commit"

[main (root-commit) c3870f7] initail Commit

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 day 1.pdf

bhaskar@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)

\$ git remote add origin git@github.com:8haskarAgrawal03/git-tutorials.git

bhaskar@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)

\$ git remote

origin

bhaskar@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)

\$ git remote -v

origin git@github.com:8haskarAgrawal03/git-tutorials.git (fetch)

origin git@github.com:8haskarAgrawal03/git-tutorials.git (push)

bhaskar@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)

\$ git branch

* main

bhaskar@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)

\$ git push -u origin main

The authenticity of host 'github.com (20.207.73.82)' can't be established.

ED25519 key fingerprint is SHA256:+DIY3wvvV6TuJ2hbpZisF/zLDA0zPMSvHdkr4UvCOQU.

This key is not known by any other names.

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.

Enumerating objects: 3, done.

Counting objects: 100% (3/3), done.

Delta compression using up to 12 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 254.37 KiB | 1.40 MiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To github.com:8haskarAgrawal03/git-tutorials.git

> [new branch] main -> main

branch 'main' set up to track 'origin/main'.

bhaskar@Agrawal-Bhaskar MINGW64 ~/OneDrive/Documents/vs code/git 3 new (main)

\$ |