GITHUB

Gv Trần Ngọc Phương

Tạo Tài Khoản

https://github.com

Cài đặt GIT

https://www.git-scm.com/download/win

Git 2.26.0 Setup

Information

Please read the following important information before continuing.

When you are ready to continue with Setup, click Next.

GNU General Public License

Version 2, June 1991

```
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place - Suite 330, Boston, MA  02111-1307, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
```

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change

https://gitforwindows.org/

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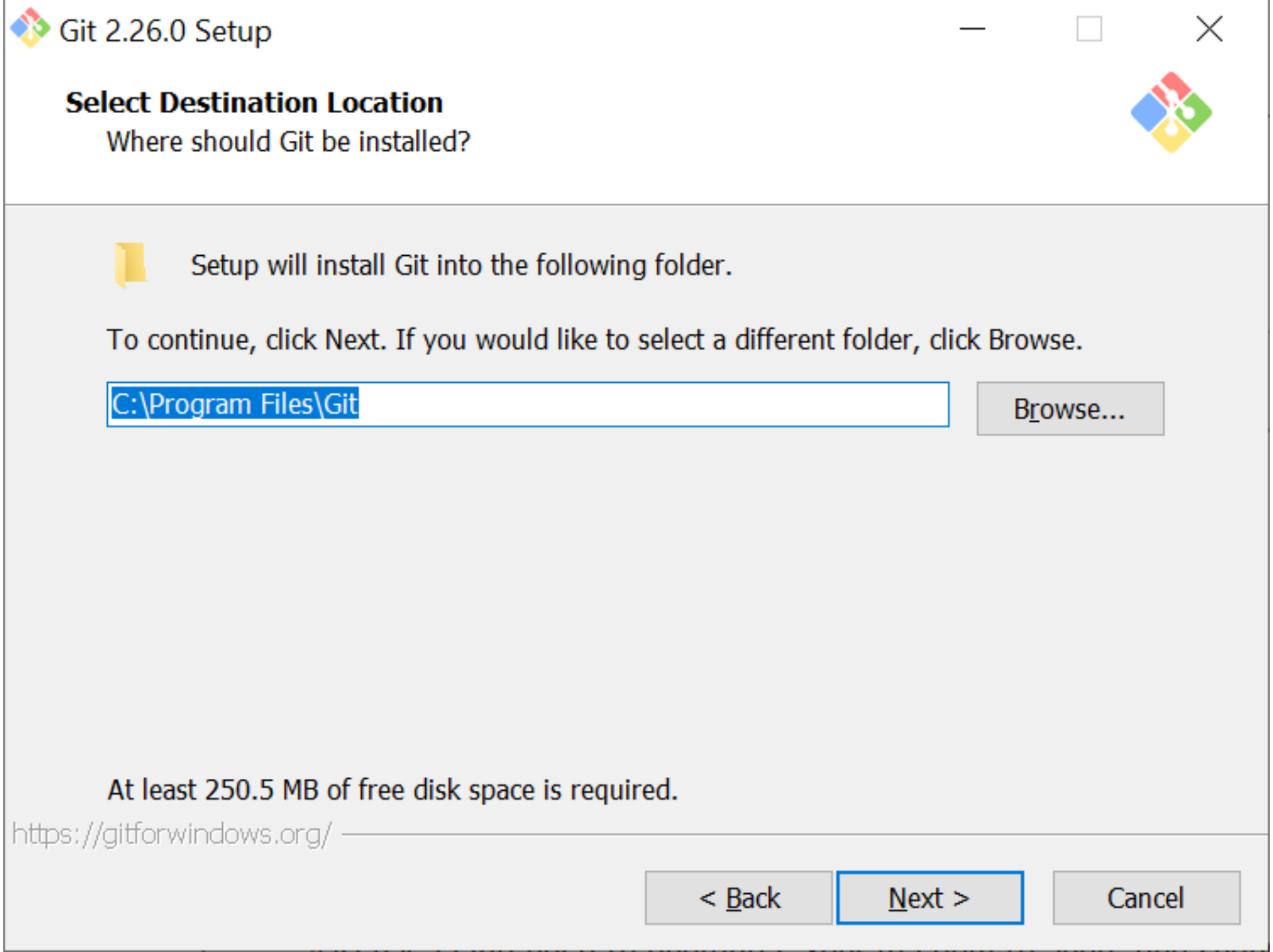
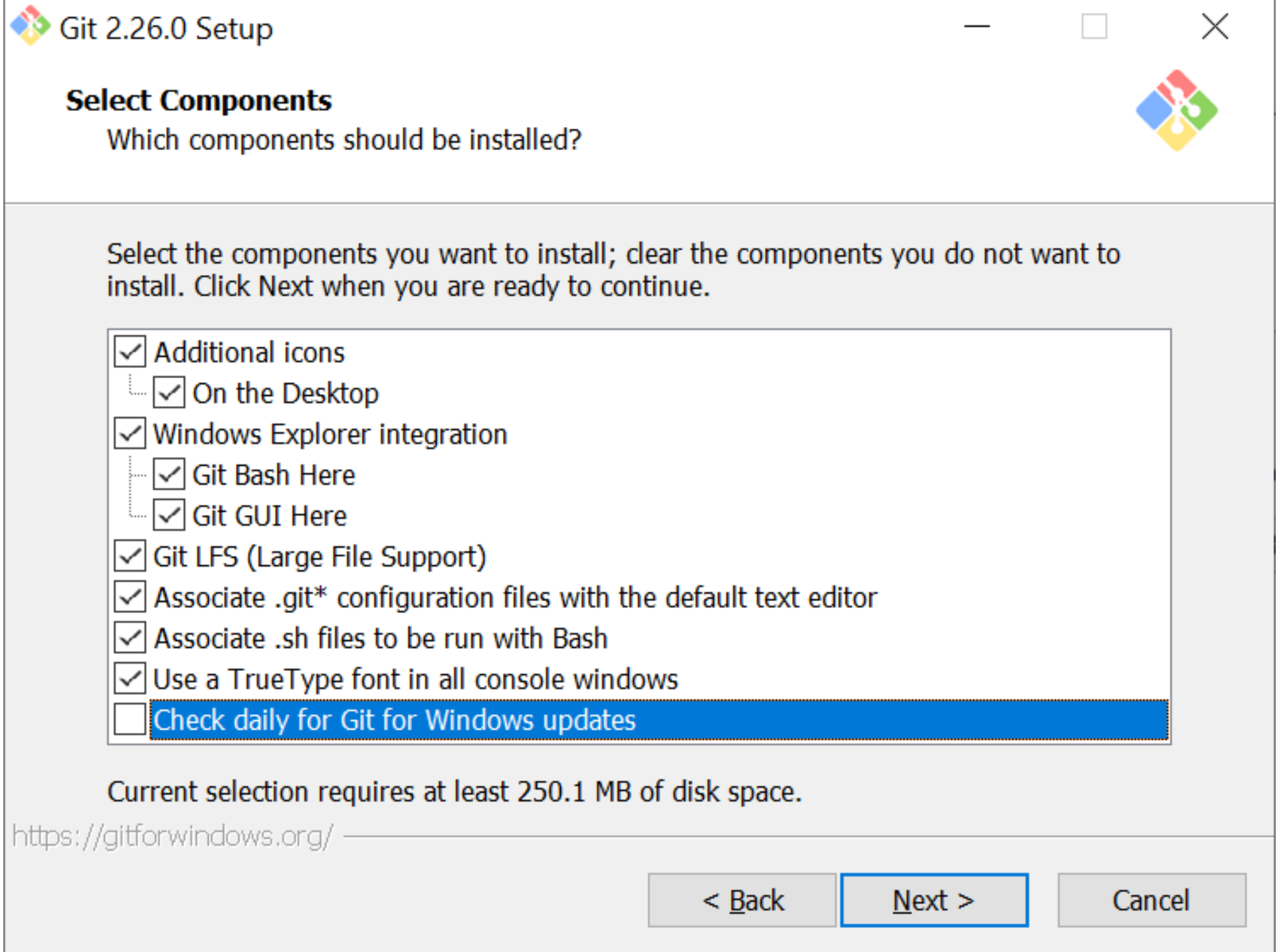

Git 2.26.0 Setup
Select Destination Location
Where should Git be installed?
Setup will install Git into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files\Git
Browse...
At least 250.5 MB of free disk space is required.
https://gitforwindows.org/
< Back
Next >
Cancel


Git 2.26.0 Setup
Select Components
Which components should be installed?
Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.
Additional icons
On the Desktop
Windows Explorer integration
Git Bash Here
Git GUI Here
Git LFS (Large File Support)
Associate .git* configuration files with the default text editor
Associate .sh files to be run with Bash
Use a TrueType font in all console windows
Check daily for Git for Windows updates
Current selection requires at least 250.1 MB of disk space.
https://gitforwindows.org/
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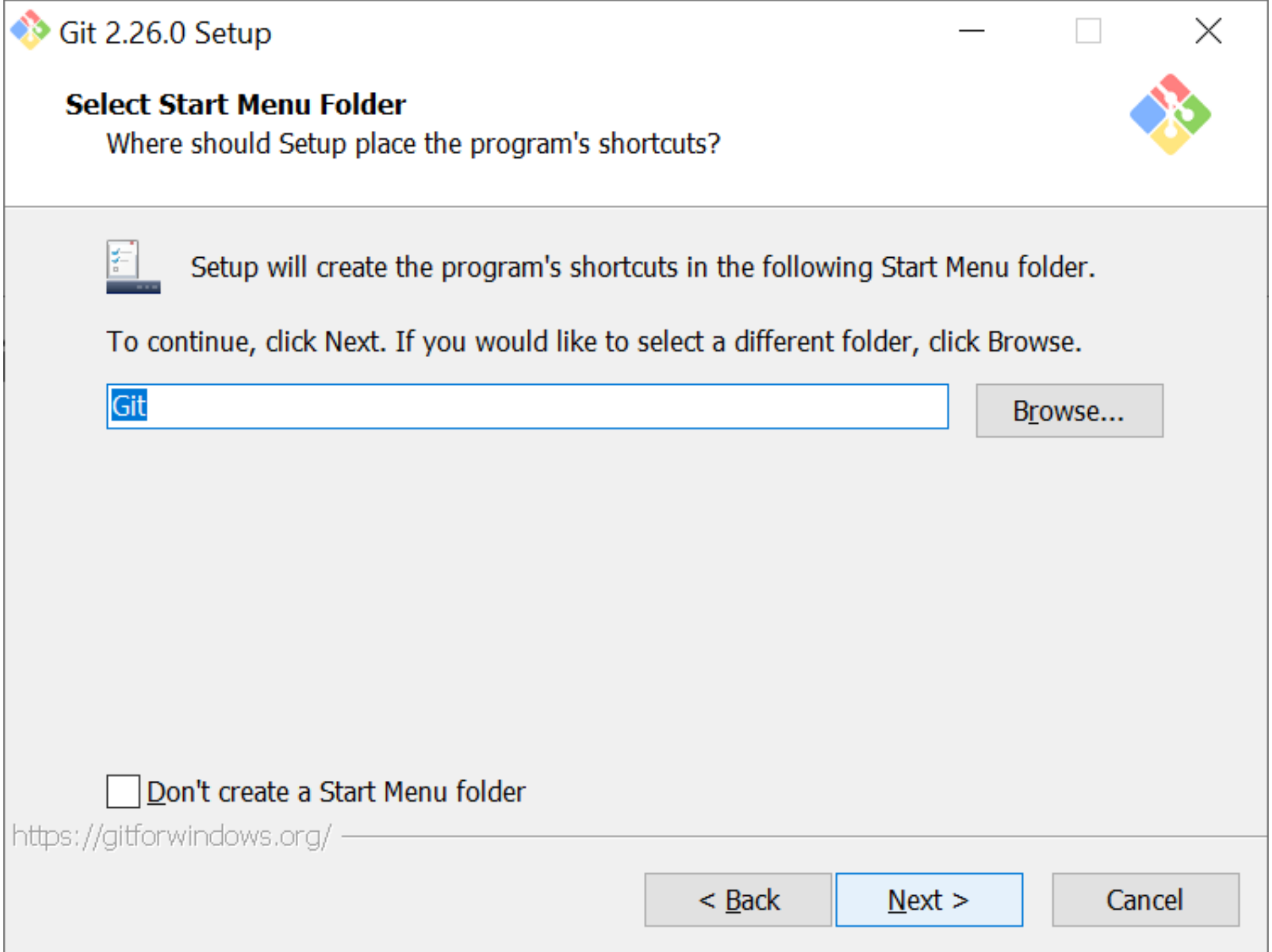
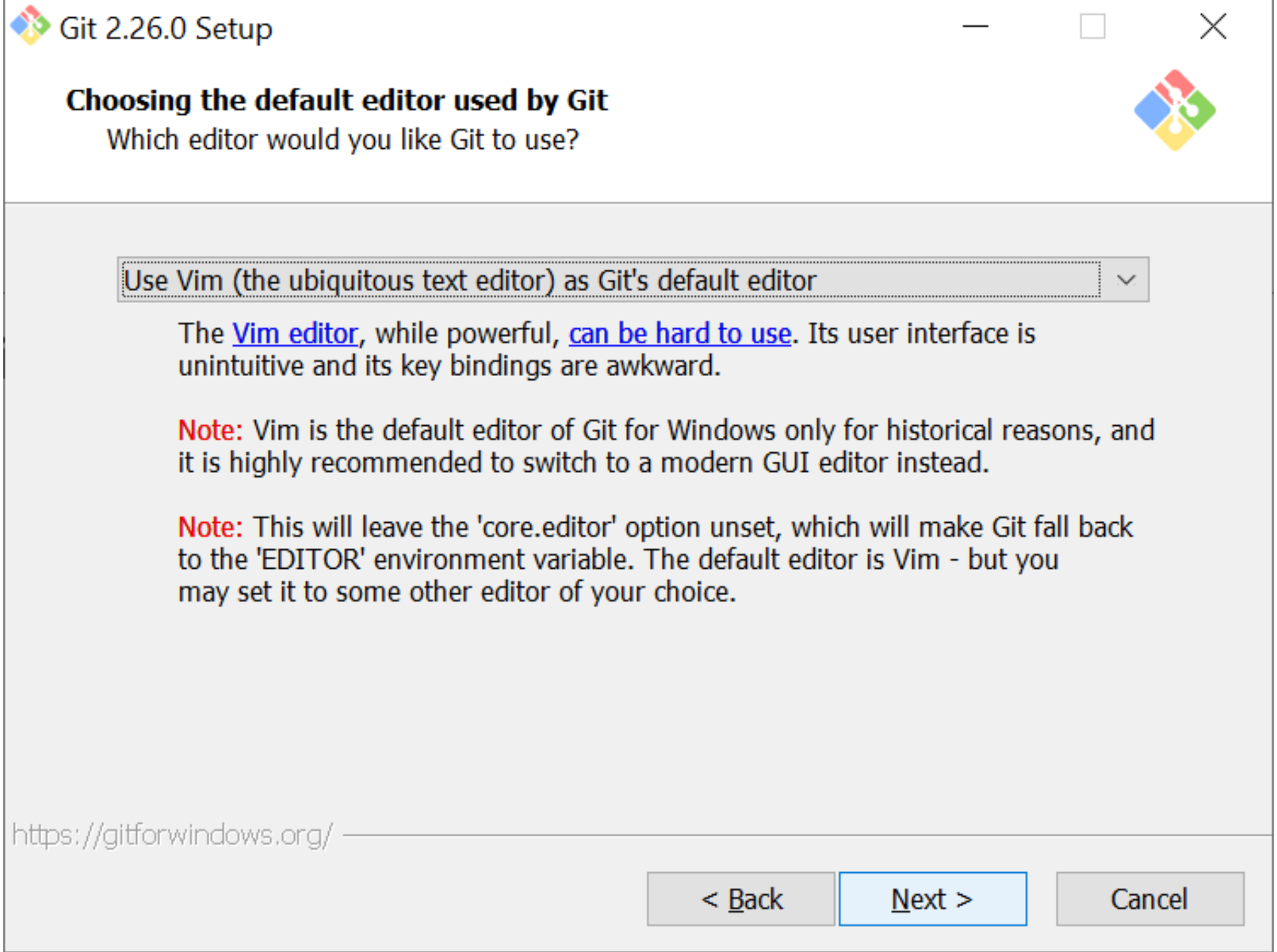

Git 2.26.0 Setup
Select Start Menu Folder
Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
Git
Browse...
Don't create a Start Menu folder
https://gitforwindows.org/
< Back
Next >
Cancel


Git 2.26.0 Setup
Choosing the default editor used by Git
Which editor would you like Git to use?
Use Vim (the ubiquitous text editor) as Git's default editor
The Vim editor, while powerful, can be hard to use. Its user interface is unintuitive and its key bindings are awkward.
Note: Vim is the default editor of Git for Windows only for historical reasons, and it is highly recommended to switch to a modern GUI editor instead.
Note: This will leave the 'core.editor' option unset, which will make Git fall back to the 'EDITOR' environment variable. The default editor is Vim - but you may set it to some other editor of your choice.
https://gitforwindows.org/
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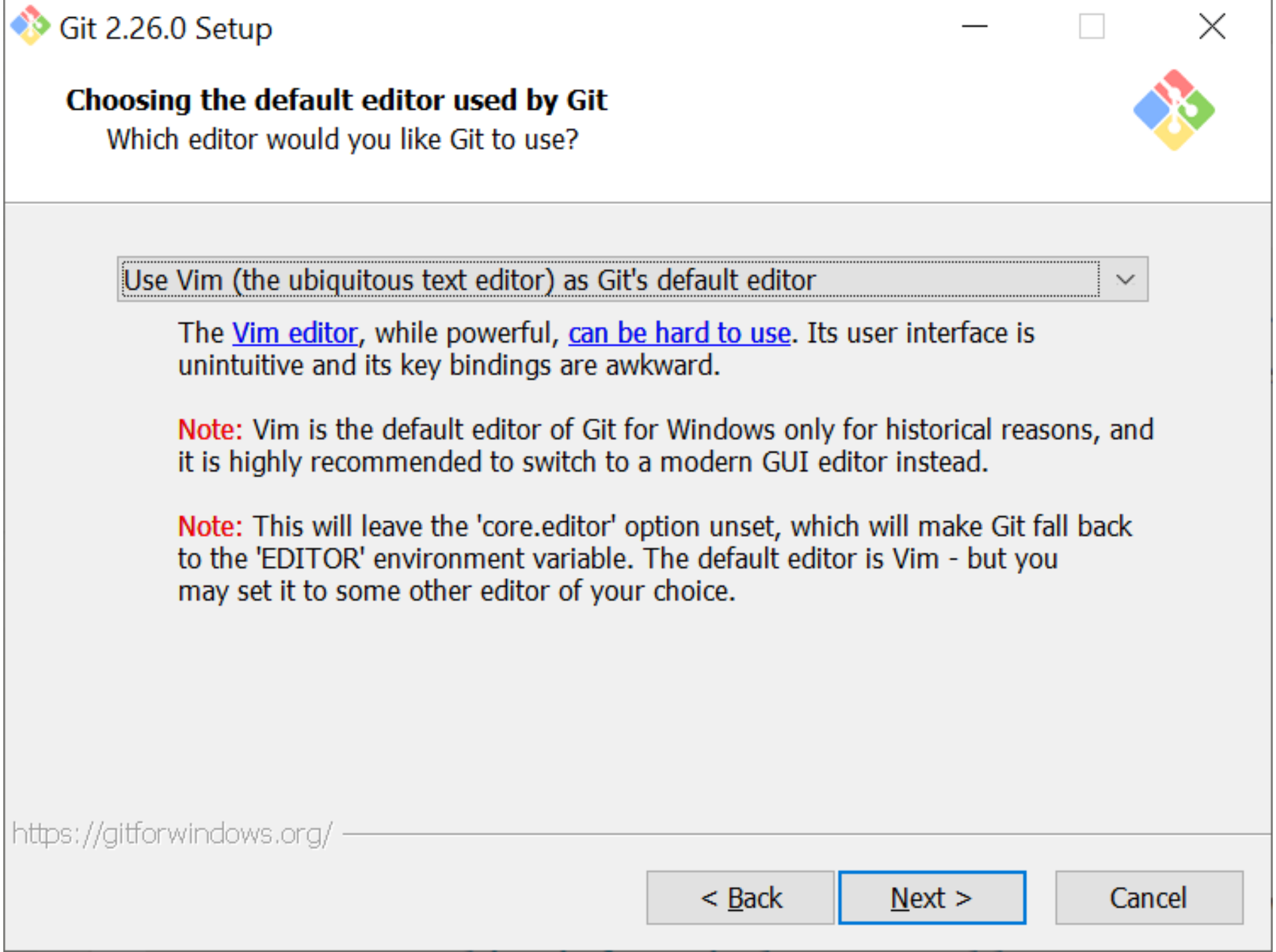
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https://gitforwindows.org/
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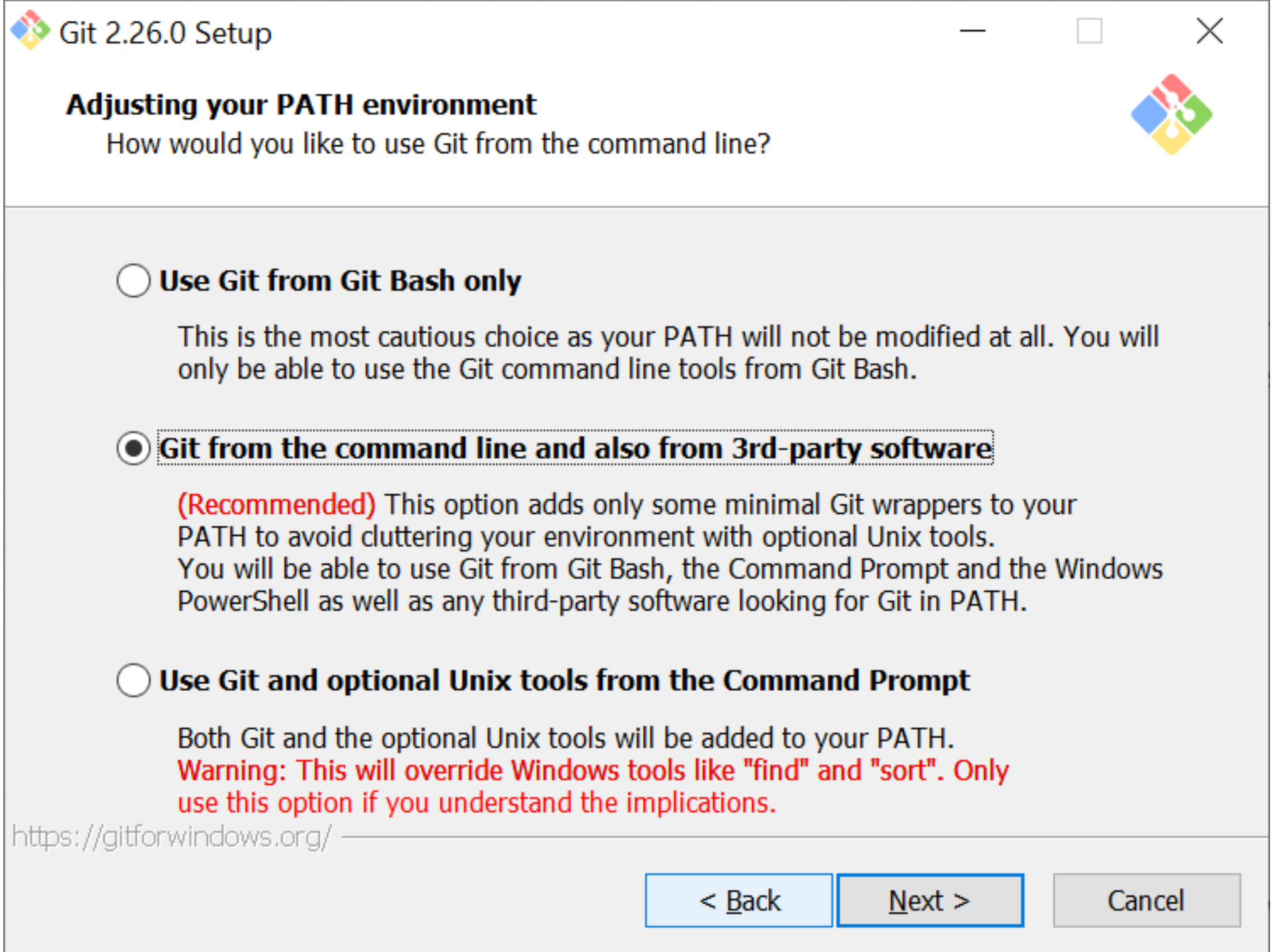
Git 2.26.0 Setup
Adjusting your PATH environment
How would you like to use Git from the command line?
Use Git from Git Bash only
This is the most cautious choice as your PATH will not be modified at all. You will only be able to use the Git command line tools from Git Bash.
Git from the command line and also from 3rd-party software
(Recommended) This option adds only some minimal Git wrappers to your PATH to avoid cluttering your environment with optional Unix tools.
You will be able to use Git from Git Bash, the Command Prompt and the Windows PowerShell as well as any third-party software looking for Git in PATH.
Use Git and optional Unix tools from the Command Prompt
Both Git and the optional Unix tools will be added to your PATH.
Warning: This will override Windows tools like "find" and "sort". Only use this option if you understand the implications.
https://gitforwindows.org/
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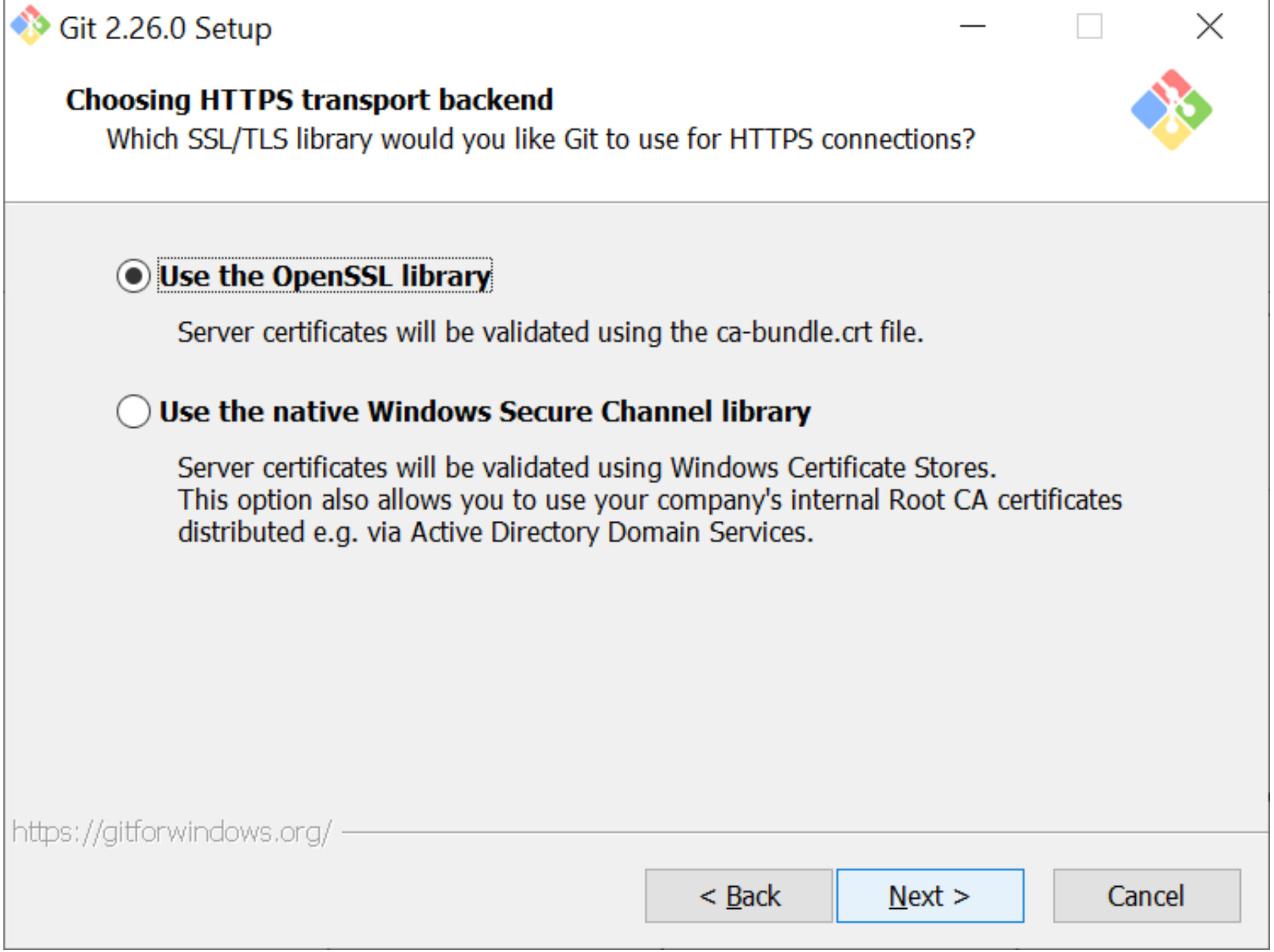
Git 2.26.0 Setup
Choosing HTTPS transport backend
Which SSL/TLS library would you like Git to use for HTTPS connections?
Use the OpenSSL library
Server certificates will be validated using the ca-bundle.crt file.
Use the native Windows Secure Channel library
Server certificates will be validated using Windows Certificate Stores.
This option also allows you to use your company's internal Root CA certificates
distributed e.g. via Active Directory Domain Services.
https://gitforwindows.org/
< Back
Next >
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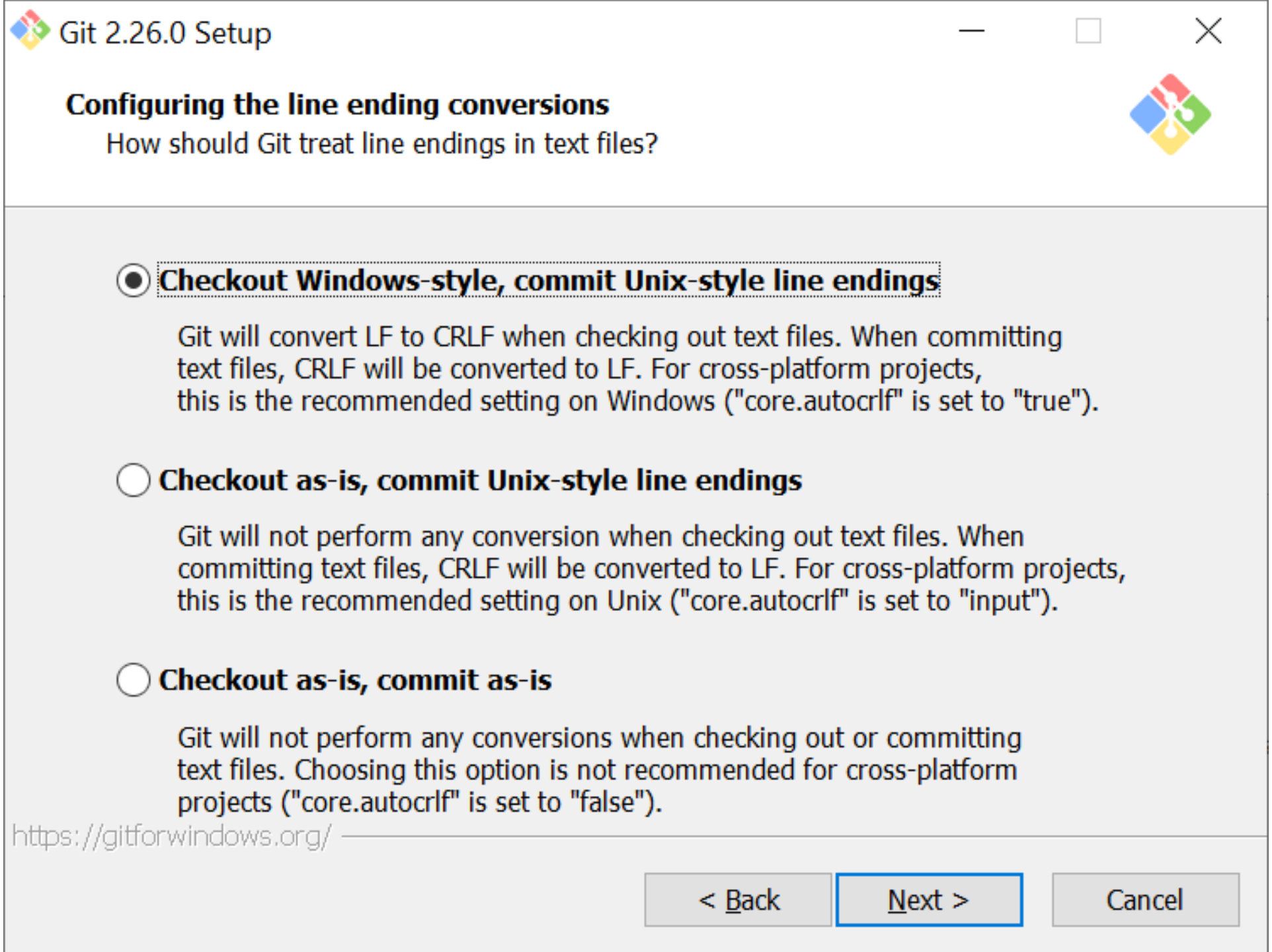
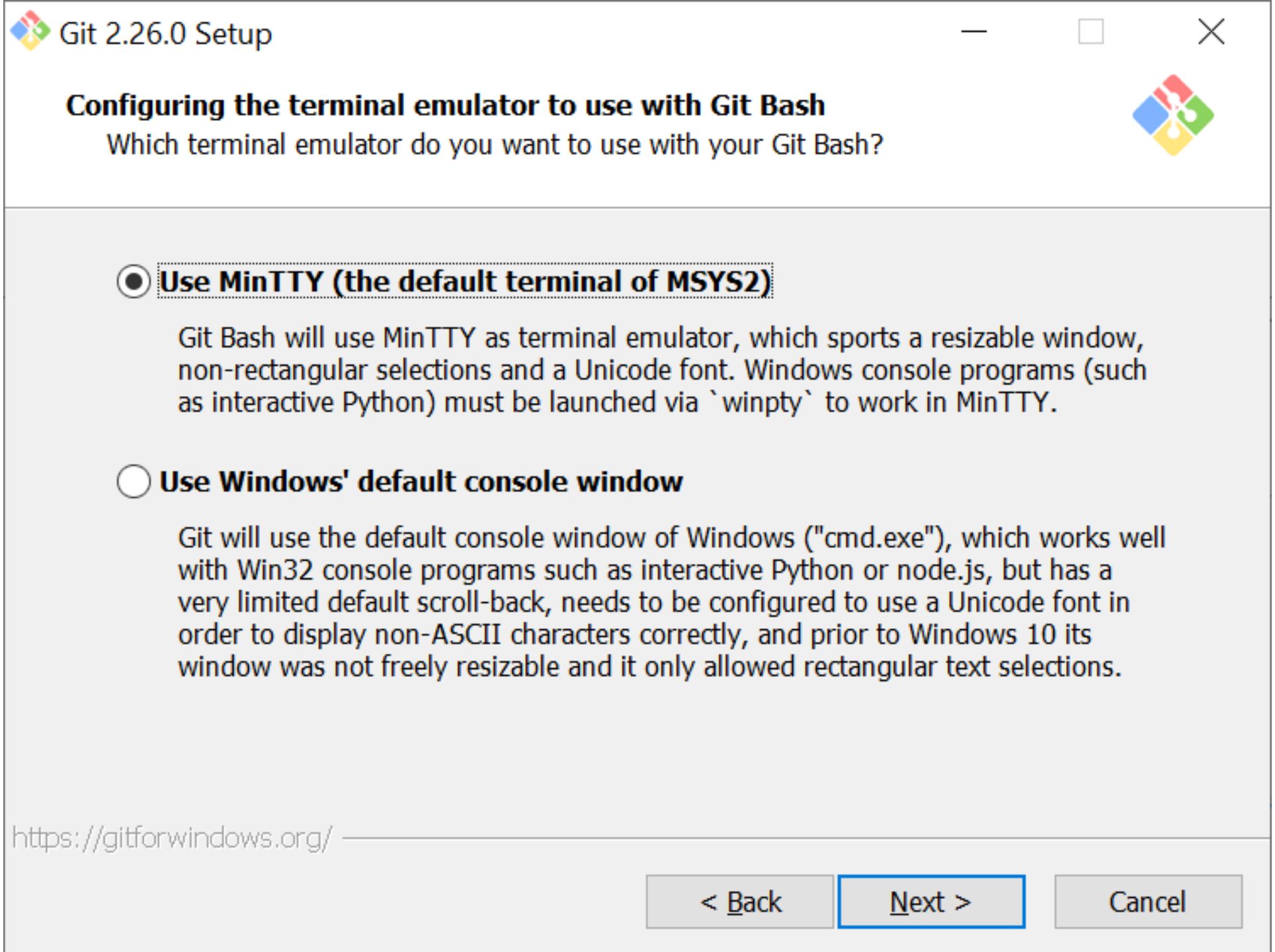

Git 2.26.0 Setup
Configuring the line ending conversions
How should Git treat line endings in text files?
Checkout Windows-style, commit Unix-style line endings
Git will convert LF to CRLF when checking out text files. When committing text files, CRLF will be converted to LF. For cross-platform projects, this is the recommended setting on Windows ("core.autocrlf" is set to "true").
Checkout as-is, commit Unix-style line endings
Git will not perform any conversion when checking out text files. When committing text files, CRLF will be converted to LF. For cross-platform projects, this is the recommended setting on Unix ("core.autocrlf" is set to "input").
Checkout as-is, commit as-is
Git will not perform any conversions when checking out or committing text files. Choosing this option is not recommended for cross-platform projects ("core.autocrlf" is set to "false").
https://gitforwindows.org/
< Back
Next >
Cancel


Git 2.26.0 Setup
Configuring the terminal emulator to use with Git Bash
Which terminal emulator do you want to use with your Git Bash?
Use MinTTY (the default terminal of MSYS2)
Git Bash will use MinTTY as terminal emulator, which sports a resizable window, non-rectangular selections and a Unicode font. Windows console programs (such as interactive Python) must be launched via `winpty` to work in MinTTY.
Use Windows' default console window
Git will use the default console window of Windows ("cmd.exe"), which works well with Win32 console programs such as interactive Python or node.js, but has a very limited default scroll-back, needs to be configured to use a Unicode font in order to display non-ASCII characters correctly, and prior to Windows 10 its window was not freely resizable and it only allowed rectangular text selections.
https://gitforwindows.org/
< Back
Next >
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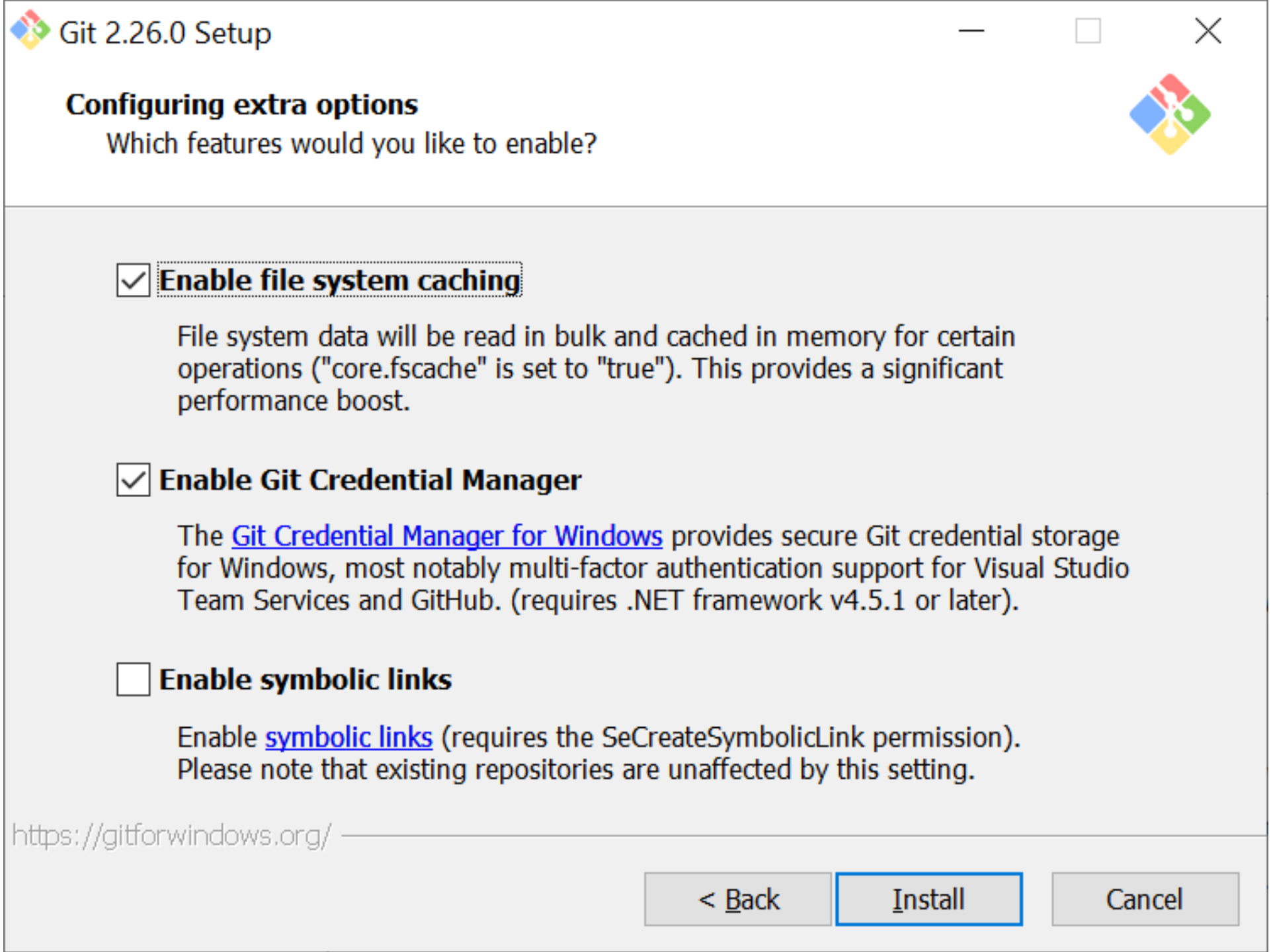
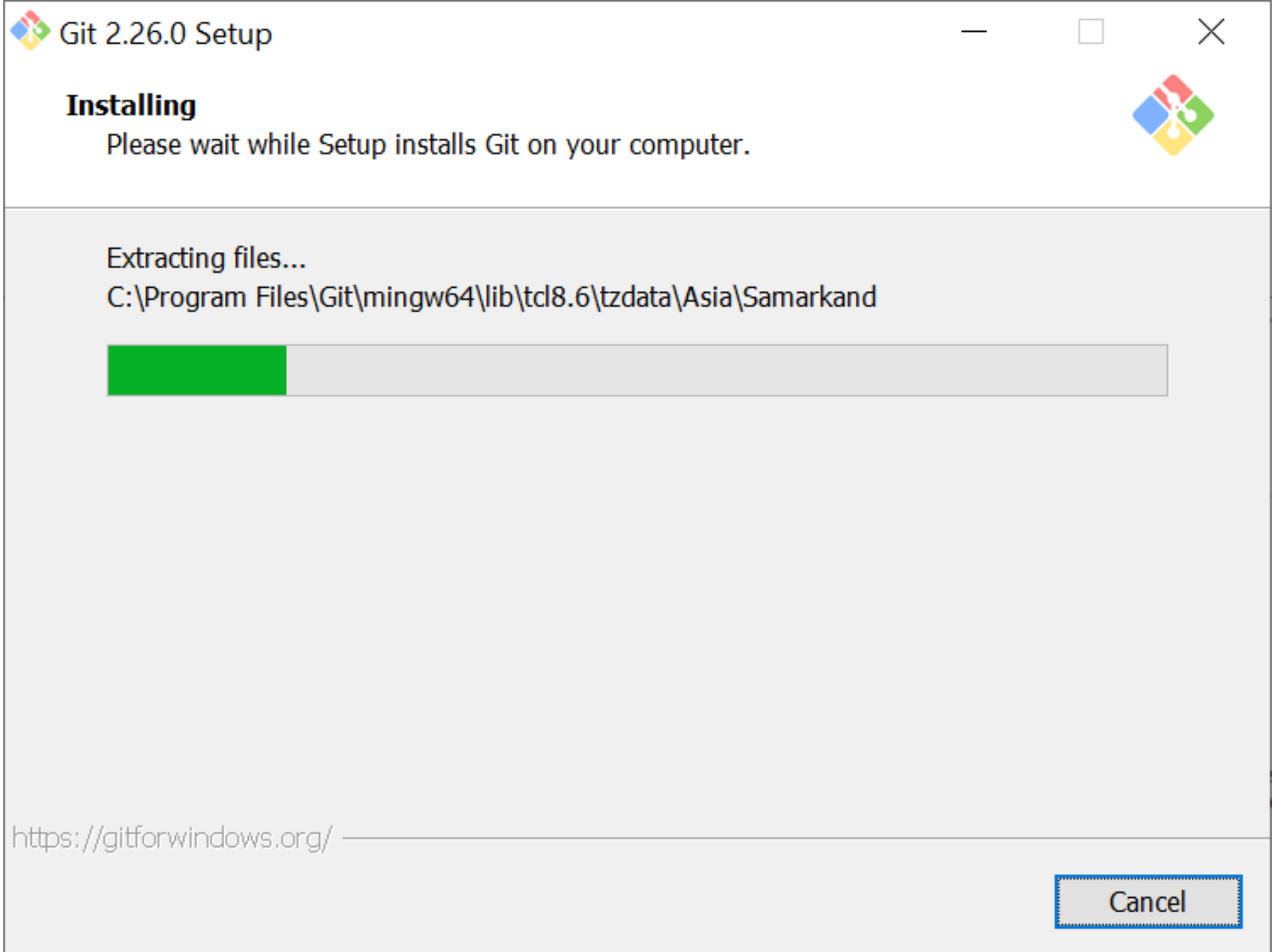

Git 2.26.0 Setup
Configuring extra options
Which features would you like to enable?
Enable file system caching
File system data will be read in bulk and cached in memory for certain operations ("core.fscache" is set to "true"). This provides a significant performance boost.
Enable Git Credential Manager
The Git Credential Manager for Windows provides secure Git credential storage for Windows, most notably multi-factor authentication support for Visual Studio Team Services and GitHub. (requires .NET framework v4.5.1 or later).
Enable symbolic links
Enable symbolic links (requires the SeCreateSymbolicLink permission).
Please note that existing repositories are unaffected by this setting.
https://gitforwindows.org/
< Back
Install
Cancel


Git 2.26.0 Setup
Installing
Please wait while Setup installs Git on your computer.
Extracting files...
C:\Program Files\Git\mingw64\lib\tcl8.6\tzdata\Asia\Samarkand
https://gitforwindows.org/
Cancel

Các thành phần chính trong GITHUB

- Repository (Repo) : Nơi chứa source code
  - Local Repo: Là nơi lưu trữ trong máy tính
  - Remote Repo: Là nơi lưu trữ trên máy chủ (trên mạng)
- Commit: Xác nhận đã chỉnh sửa để lưu lên Repo
- Branch: Phân nhánh cho dự án (mặc định chỉ có branch Master)

Tạo Repository (Repo)

- Đăng nhập vào GitHub với tài khoản đã tạo
- https://github.com/
- Tạo mới một Repo: New Repository
- Dạng Public

Create your first project

Ready to start building? Create a repository for a new idea or bring over an existing repository to keep contributing to it.

Create repository

Import repository

Working with a team?

GitHub is built for collaboration. Set up an organization to improve the way your team works together, and get access to more features.

Create an organization

Learn Git and GitHub without any code!

Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request.

Read the guide

Start a project

Explore repositories

excalidraw/excalidraw
Virtual whiteboard for sketching hand-drawn like diagrams
TypeScript ★ 5.5k

qishibo/AnotherRedisDesktopManager
A faster, better and more stable redis desktop manager, compatible with Linux, windows, mac. What's more, it won't crash when loading a large number of keys.
JavaScript ★ 4.7k

robstoll/atrium
A multiplatform assertion library for Kotlin
Kotlin ★ 255

Explore more →

Git-2.26.0-64-bit (1).exe
Đã hủy
Git-2.26.0-64-bit.exe
Hiển thị tất cả

cốc cốc GitHub

github.com

Search or jump to... / Pull requests Issues Marketplace Explore

New repository
Import repository
New gist
New organization
New project

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Explore more →

https://github.com/new

Git-2.26.0-64-bit (1).exe
Đã hủy

Git-2.26.0-64-bit.exe

Hiển thị tất cả

Type here to search

ENG US 6:49 PM 4/14/2020

Create a New Repository

github.com/new

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?
Import a repository.

Owner tranngocphuong2019 / **Repository name** * DHTL1

Great repository names are short and memorable. Need inspiration? How about **animated-disco**?

Description (optional)

Public
Anyone can see this repository. You choose who can commit.

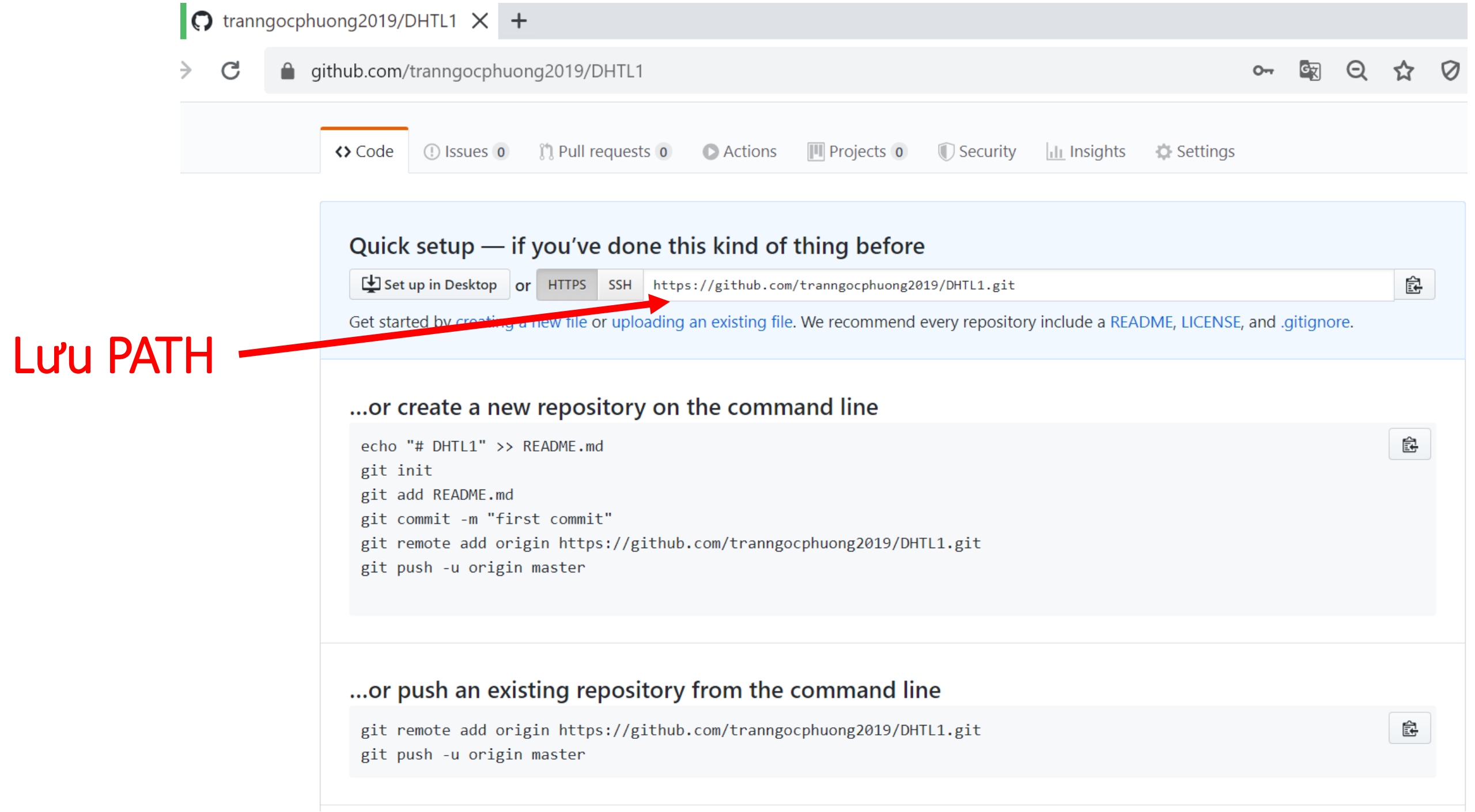
Private
You choose who can see and commit to this repository.

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

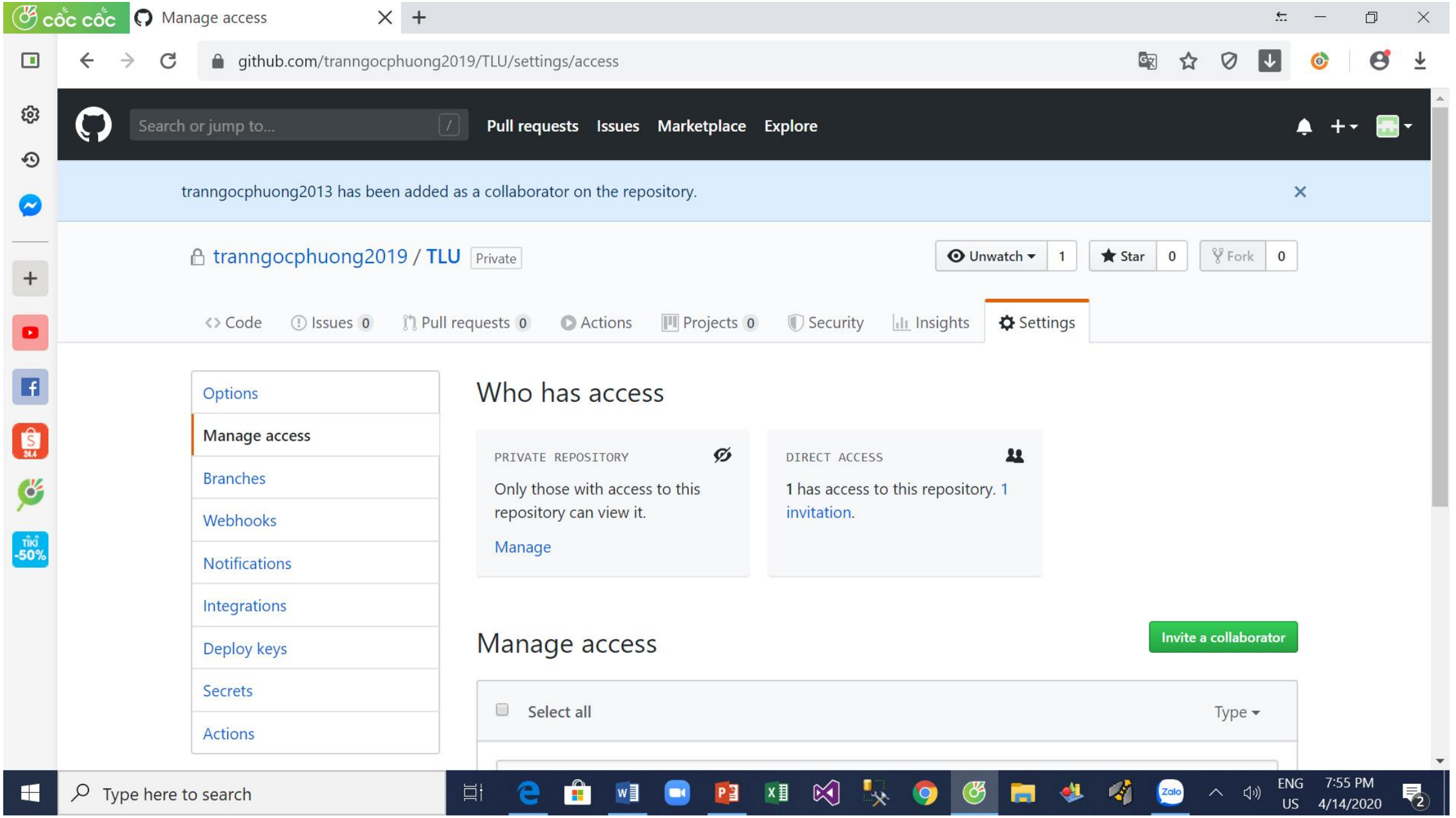
Initialize this repository with a README
This will let you immediately clone the repository to your computer.

Add .gitignore: None | Add a license: None

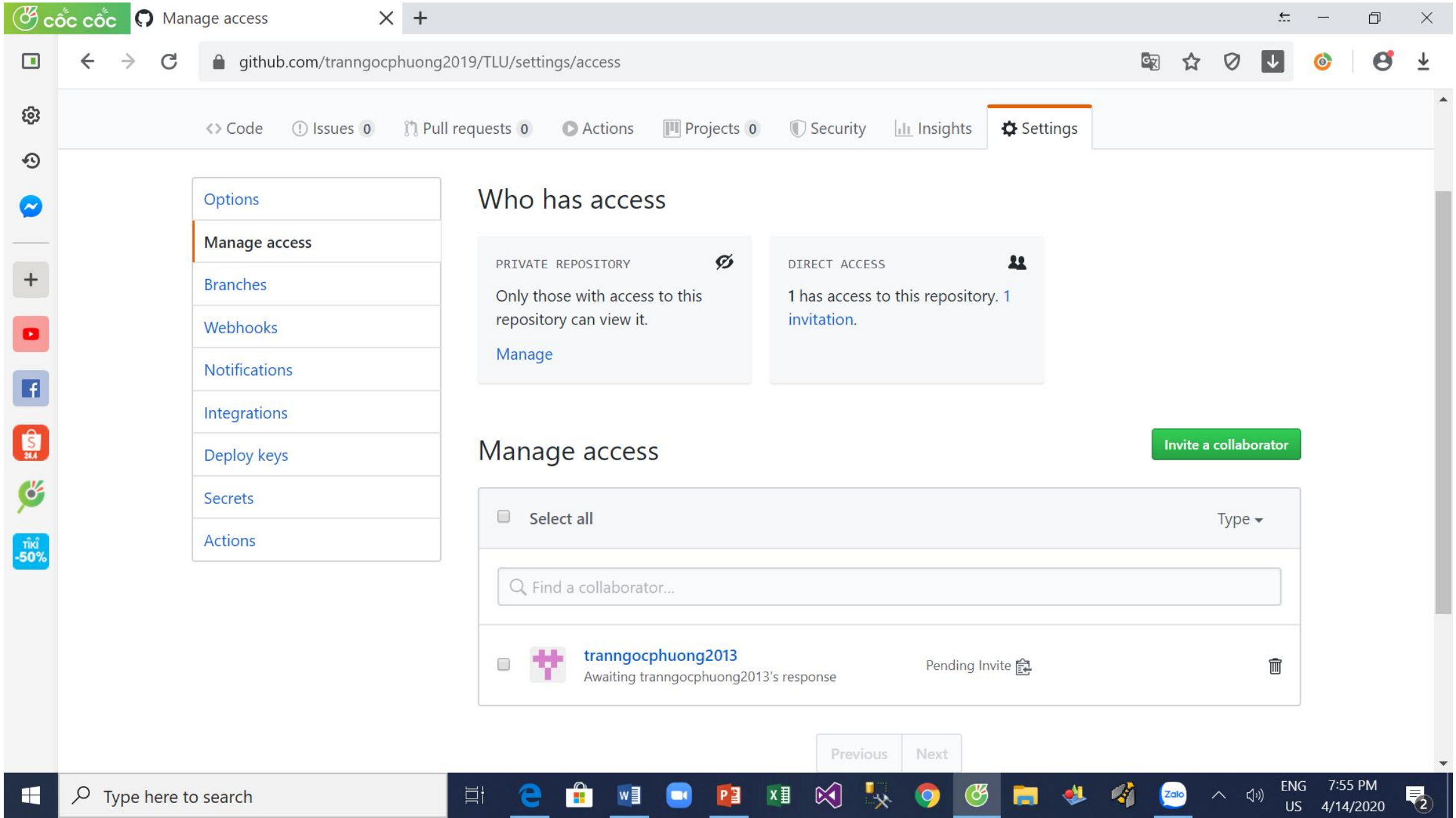
Create repository


tranngocphuong2019/DHTL1
github.com/tranngocphuong2019/DHTL1
Code
Issues 0
Pull requests 0
Actions
Projects 0
Security
Insights
Settings
Quick setup — if you've done this kind of thing before
Set up in Desktop
or
HTTPS
SSH
https://github.com/tranngocphuong2019/DHTL1.git
Get started by creating a new file or uploading an existing file. We recommend every repository include a README, LICENSE, and .gitignore.
...or create a new repository on the command line
echo "# DHTL1" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/tranngocphuong2019/DHTL1.git
git push -u origin master
...or push an existing repository from the command line
git remote add origin https://github.com/tranngocphuong2019/DHTL1.git
git push -u origin master
Lưu PATH

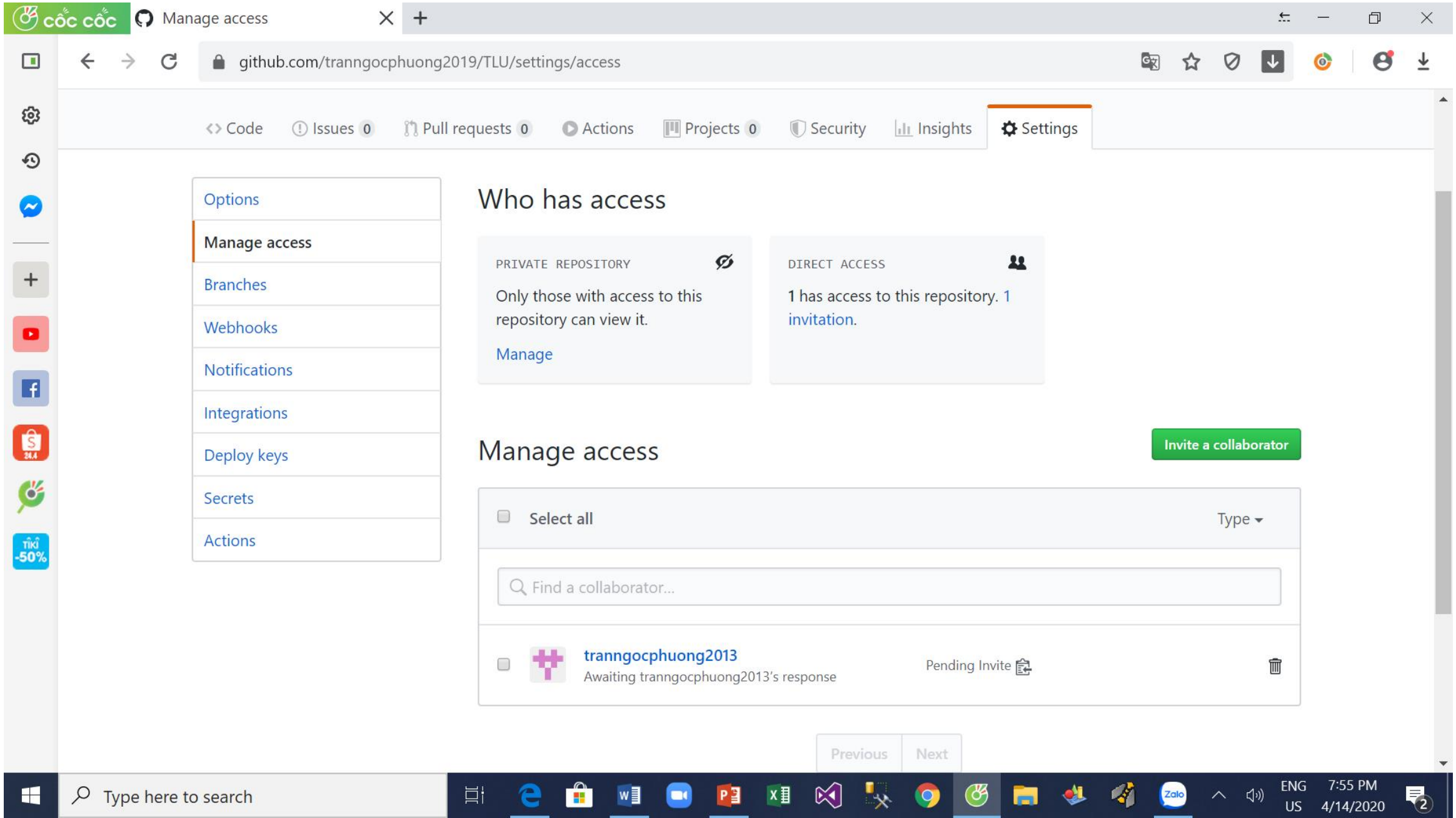
Trường hợp Private: Mời các thành viên



Trường hợp Private: Mời các thành viên



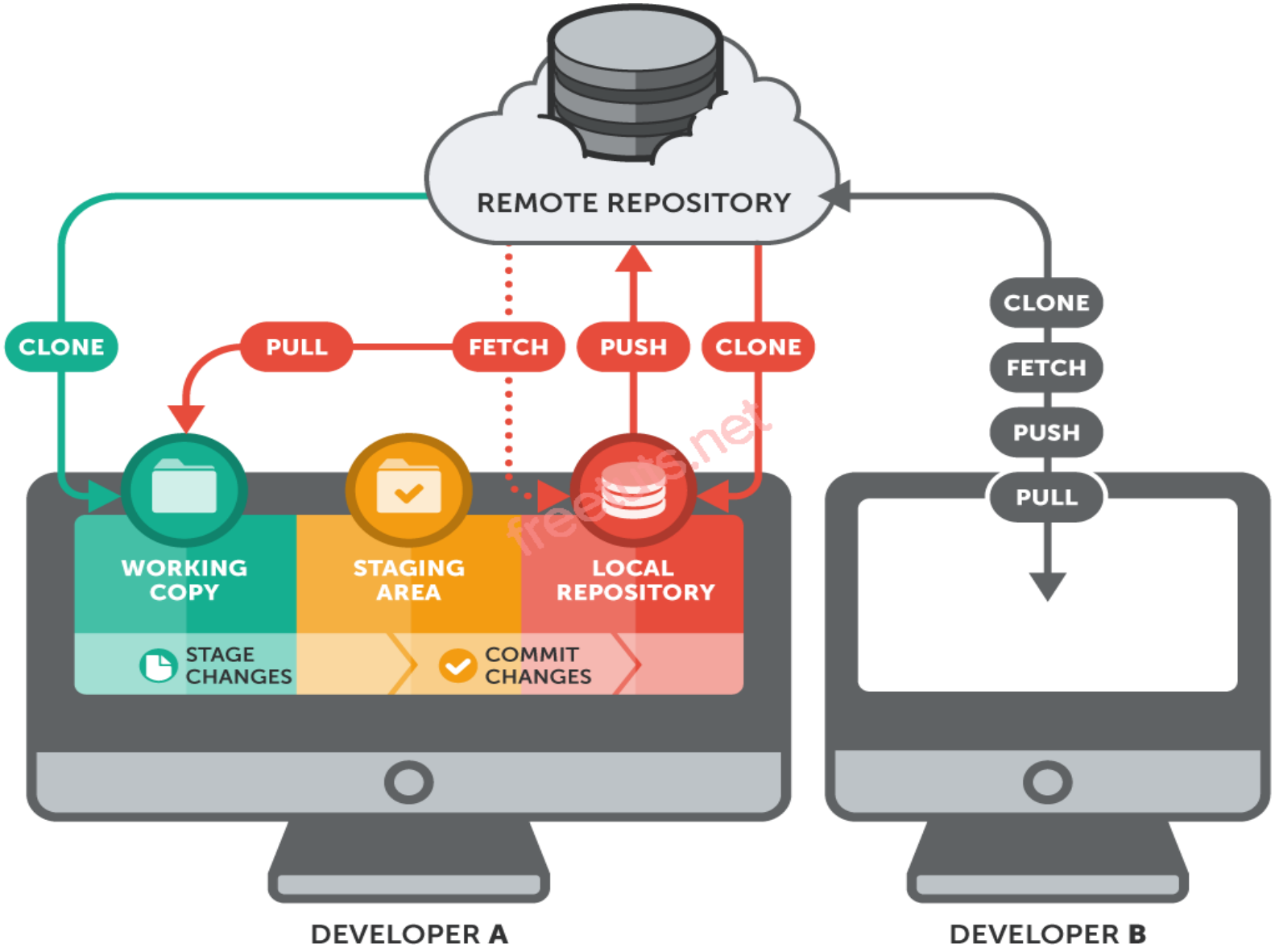
Trường hợp Private: Mời các thành viên



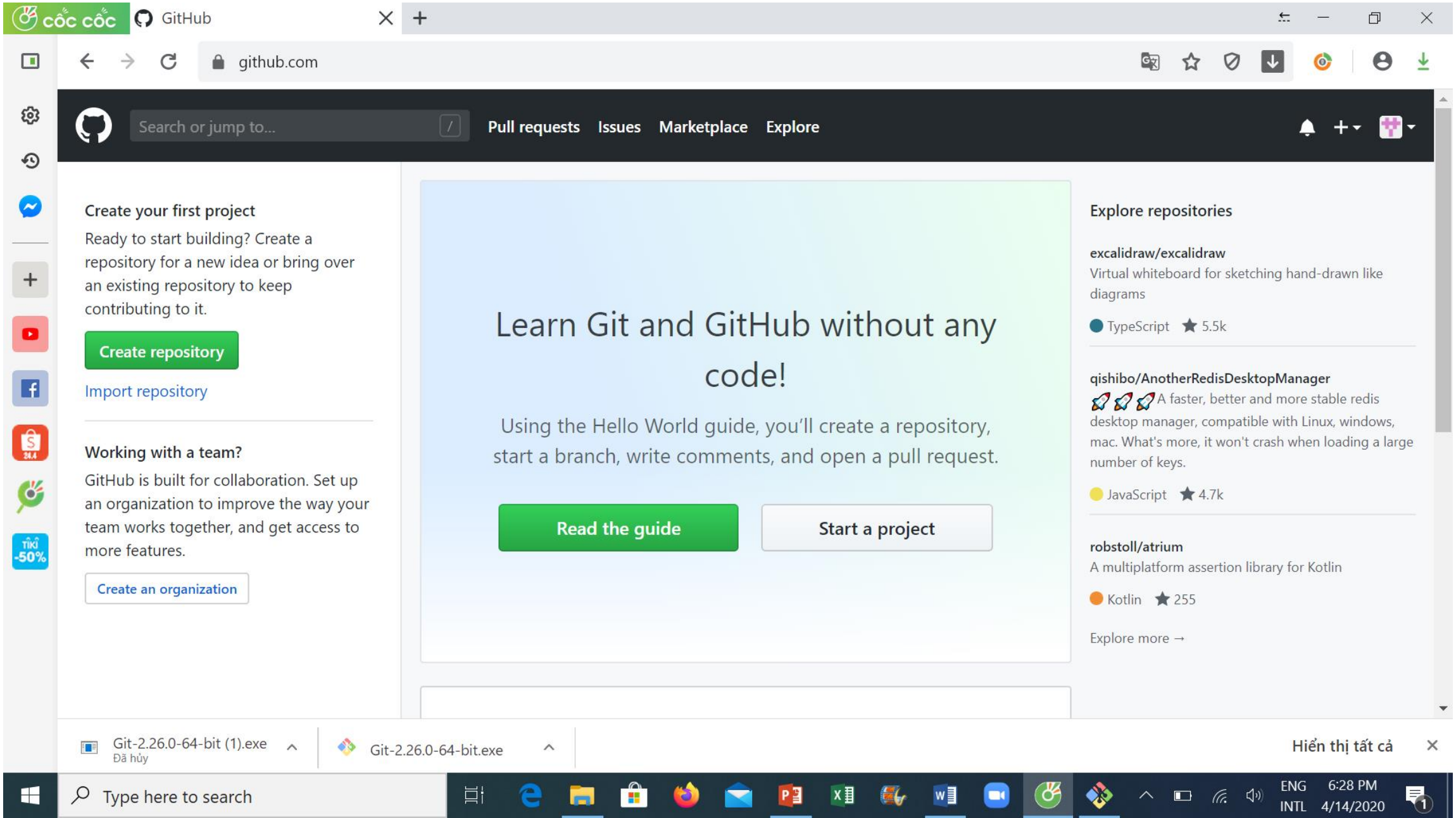
Repository
(Repo)

- Nơi chứa tất cả mã nguồn cho một dự án được quản lý bởi Git.
- Repository chính khai báo thư mục chứa dự án của bạn trên local hoặc remote.
- Mỗi repo trên local được lưu trữ ẩn trong thư mục .git

Repository (Repo)



KHỞI TẠO REPO (Remote)



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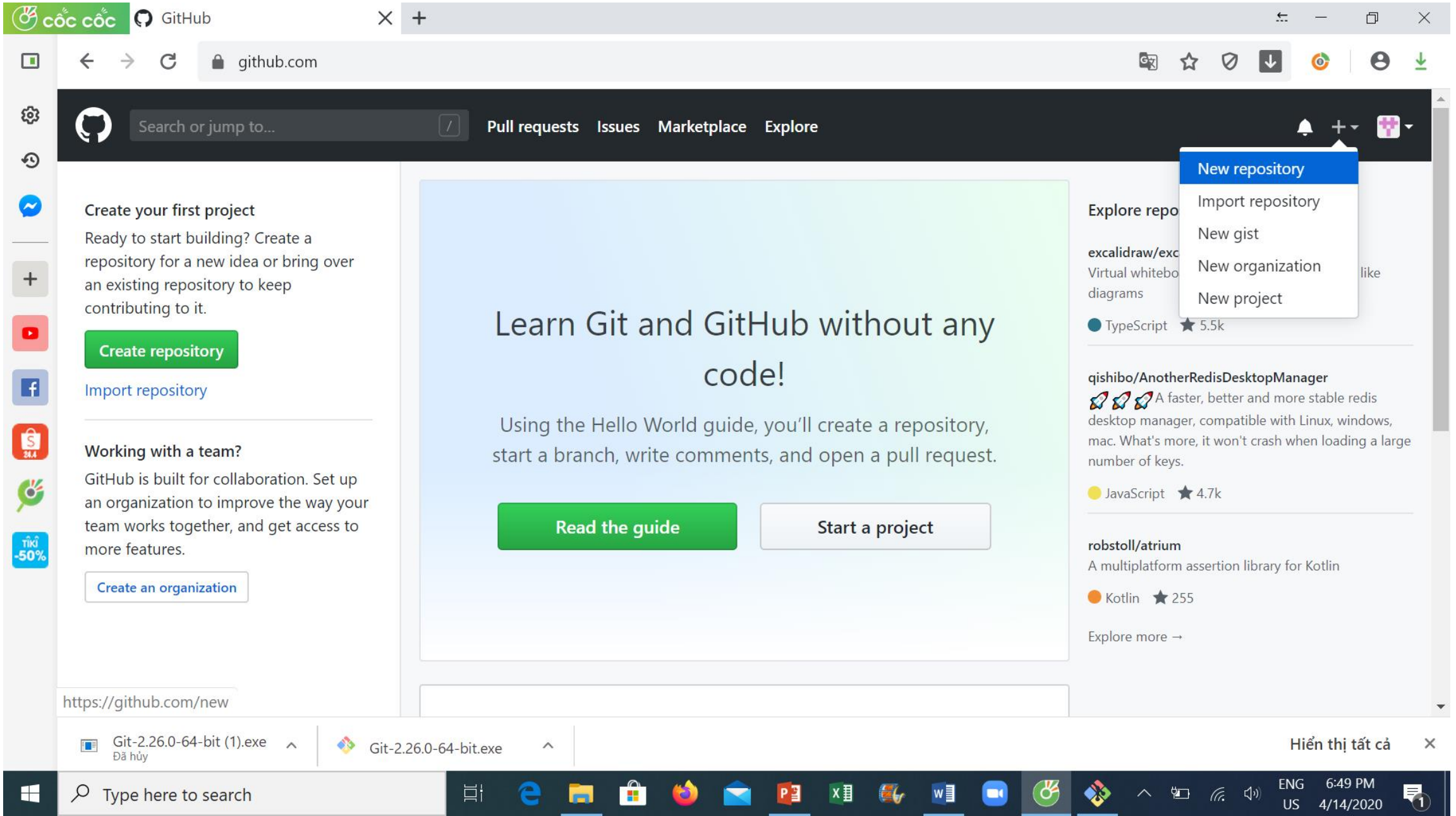
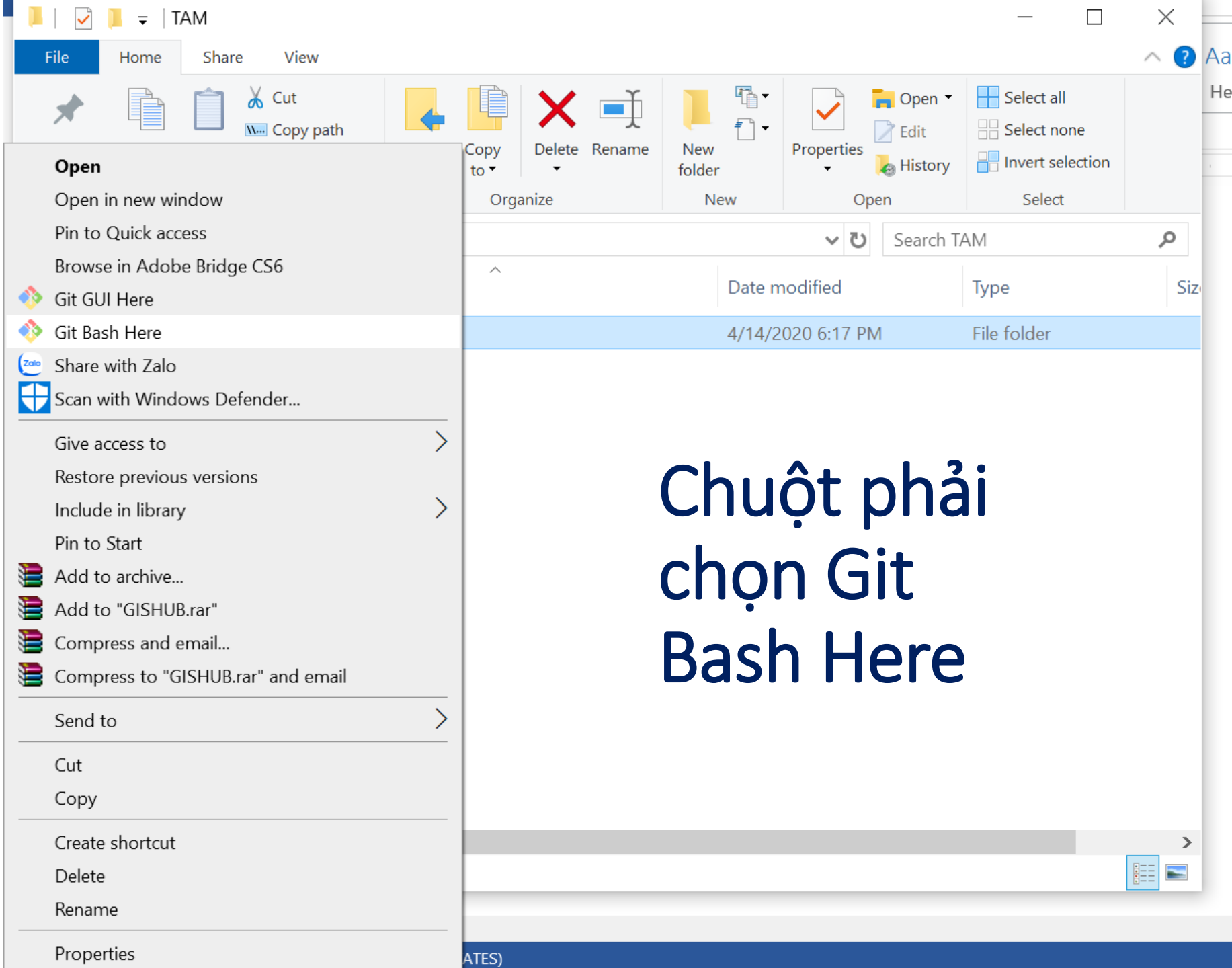


LOCAL REPOSITORY

- **Repo được cài đặt trên máy tính của lập trình viên**
- **Repo này sẽ đồng bộ hóa với remote repo bằng các lệnh của git.**

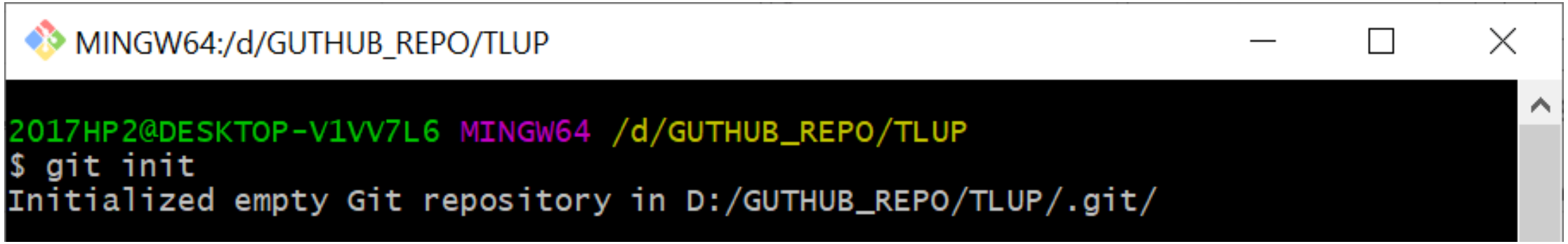
KHỞI TẠO REPO (Local)



Chuột phải chọn Git Bash Here

Sử dụng lệnh trong của sổ Command

$ git init.



Khởi tạo GIT

- 2017HP2@DESKTOP-V1VV7L6 MINGW64 /d/GitHUbPrivate (master)
- **$ git init**
- Reinitialized existing Git repository in D:/GitHUbPrivate/.git/

- 2017HP2@DESKTOP-V1VV7L6 MINGW64 /d/GitHUbPrivate (master)
- **$ git add .**

- 2017HP2@DESKTOP-V1VV7L6 MINGW64 /d/GitHUbPrivate (master)
- **$ git commit -m "Chu thich thay doi 1"**
-
- 2017HP2@DESKTOP-V1VV7L6 MINGW64 /d/GitHUbPrivate (master)
- **$ git remote add origin *https://github.com/tranngocphuong2019/TLU.git***

- 2017HP2@DESKTOP-V1VV7L6 MINGW64 /d/GitHUbPrivate (master)
- **$ git push -u origin master**

Cập nhật GIT

- Bước 1: **$ git add .**
- Bước 2: **$ git commit -m "Chu thich thay doi 2"**
- Bước 3: **$ git remote add origin https://github.com/tranngocphuong2019/TLU.git**
- Bước 4: **$ git push -u origin master**

Kết quả cập nhật thành công

```
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 2.72 KiB | 1.36 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/tranngocphuong2019/TLU.git
   03c6b2a..58e1669  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

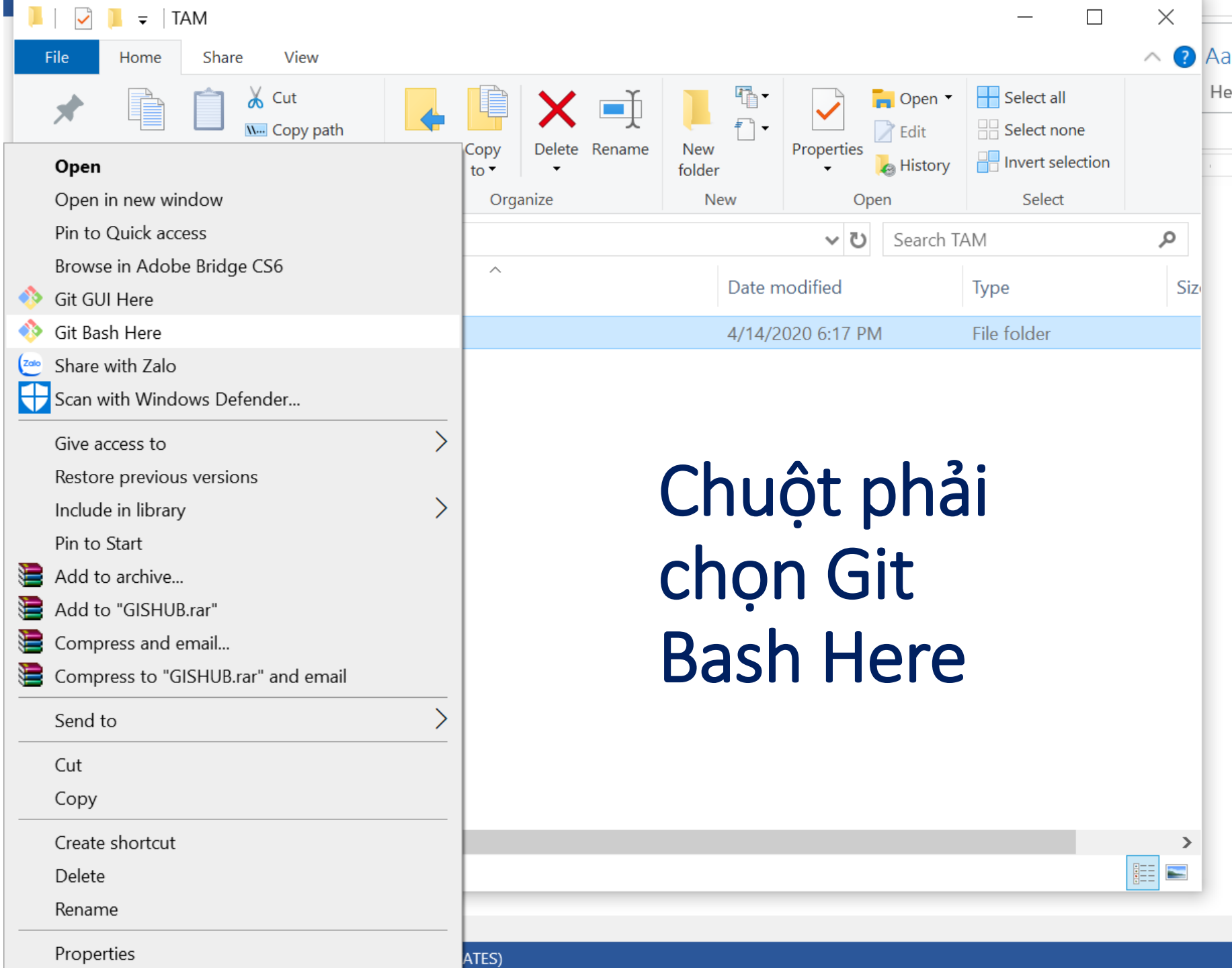
Các lệnh cơ bản

1. git init : khởi tạo git trong thư mục (.git)
2. git add .: thêm các file vào thư mục git trên local
3. git commit -m “Note 1“ : xác nhận
4. git remote add origin https://github.com/…/.git : chỉ đến remoter server
5. git push: Đồng bộ lên Github (git push origin master)
6. git pull: Đồng bộ từ Github về máy (git pull origin master)
7. git clone: lấy toàn bộ source code về máy
8. git status: xem trạng thái các file đã đưa vào Git hay chưa?
9. git log: Xem nhật ký của Git
10. git stash: lưu lại các file khi chưa Commit

THỰC HÀNH GITHUB

- Tạo Repositorie TLUP (Public)
- Tạo Thư mục TLUP trên Local
- Tạo 02 file txt trên máy tính:
  - P1.txt (nội dung “ABC”)
  - P2.txt (nội dung “123”)

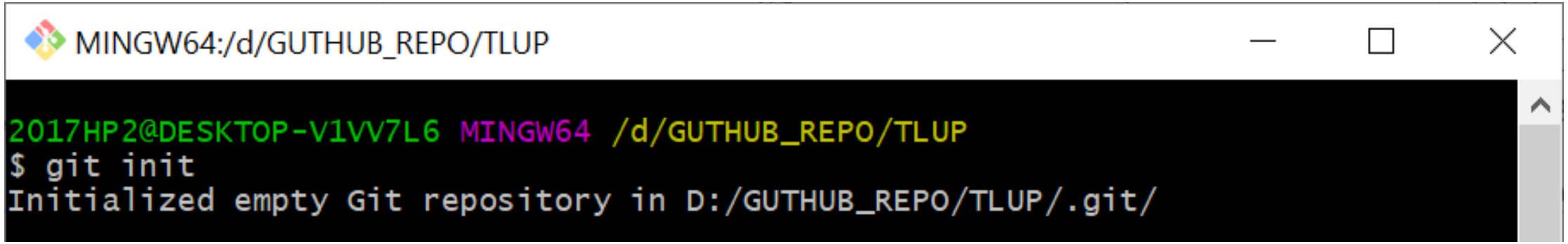
Đưa Project lên HUB



Chuột phải chọn Git Bash Here

Sử dụng lệnh trong của sổ Command

$ git init



THỰC HÀNH GITHUB

git add .

```
2017HP2@DESKTOP-V1VV7L6 MINGW64 /d/GUTHUB_REPO/TLUP (master)
$ git add .
```

git commit –m “L1”

```
2017HP2@DESKTOP-V1VV7L6 MINGW64 /d/GUTHUB_REPO/TLUP (master)
$ git commit -m "L1"
[master (root-commit) 1f573ae] L1
 2 files changed, 3 insertions(+)
 create mode 100644 P1.txt
 create mode 100644 P2.txt
```

git remote add origin https://.../.git

MINGW64:/d/GUTHUB_REPO/TLUP

```
2017HP2@DESKTOP-V1VV7L6 MINGW64 /d/GUTHUB_REPO/TLUP (master)
$ git remote add origin https://github.com/tranngocphuong2019/TLUP.git
```

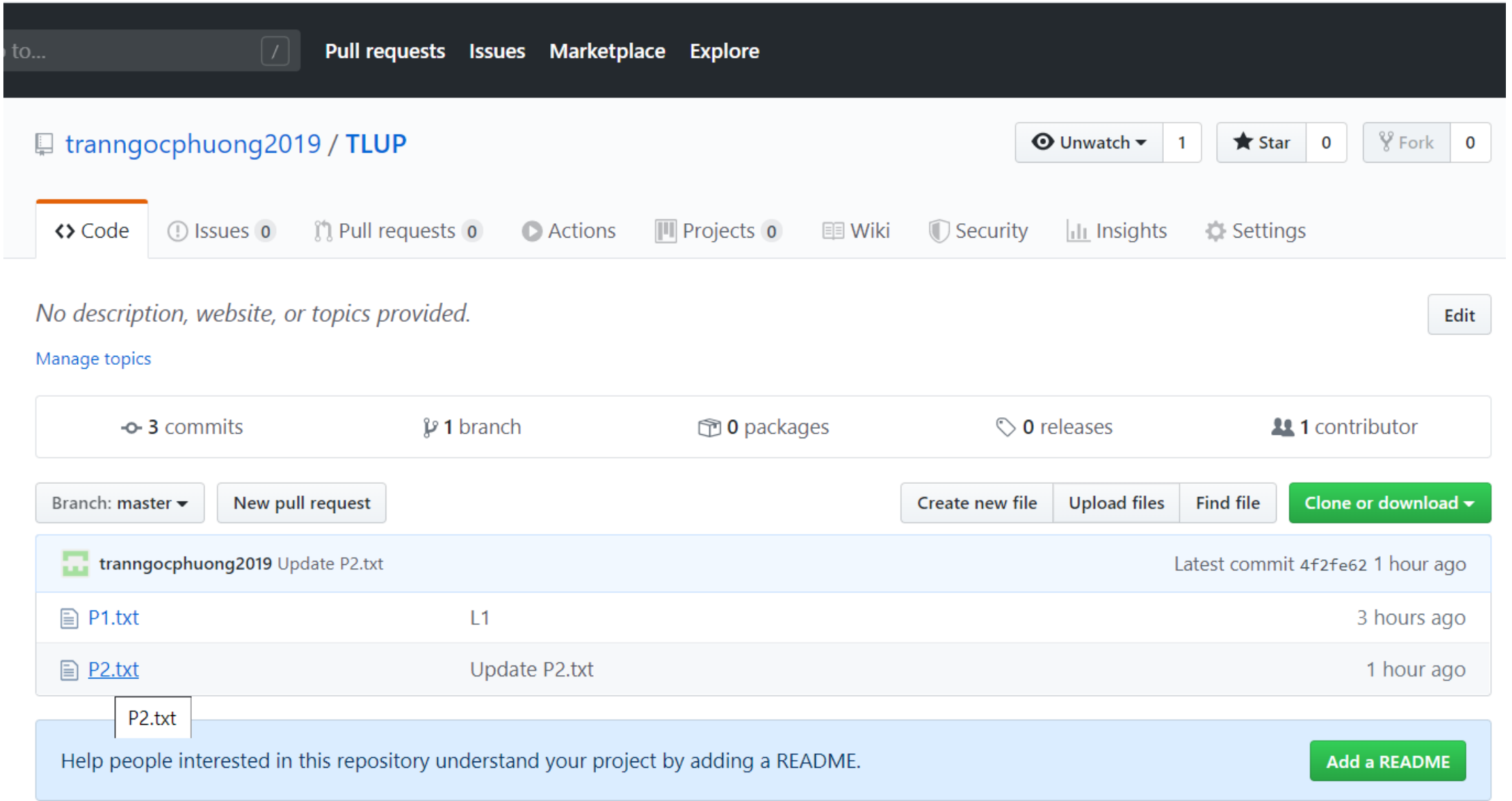
THỰC HÀNH GITHUB

git push -u origin master

```
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 267 bytes | 267.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/tranngocphuong2019/TLUP.git
   1f573ae..6643bf8  master -> master
```

THỰC HÀNH GITHUB

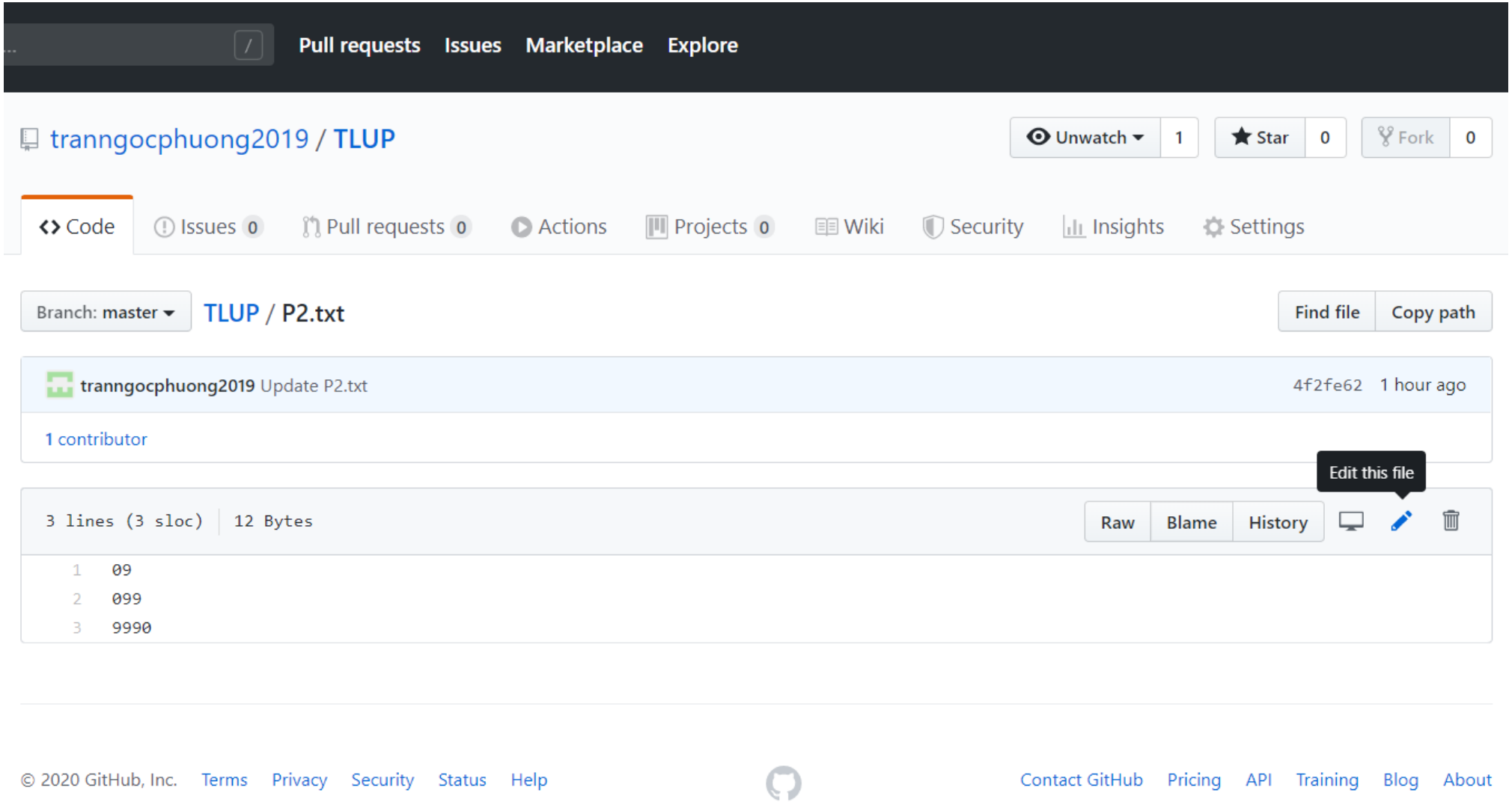
Đăng nhập vào GITHUB server



THỰC HÀNH GITHUB

Chọn file P2.txt

Chọn Edit this file – Nhập thêm thông tin – Commit changes



THỰC HÀNH GITHUB

Cập nhật dữ liệu từ Remote server

git pull

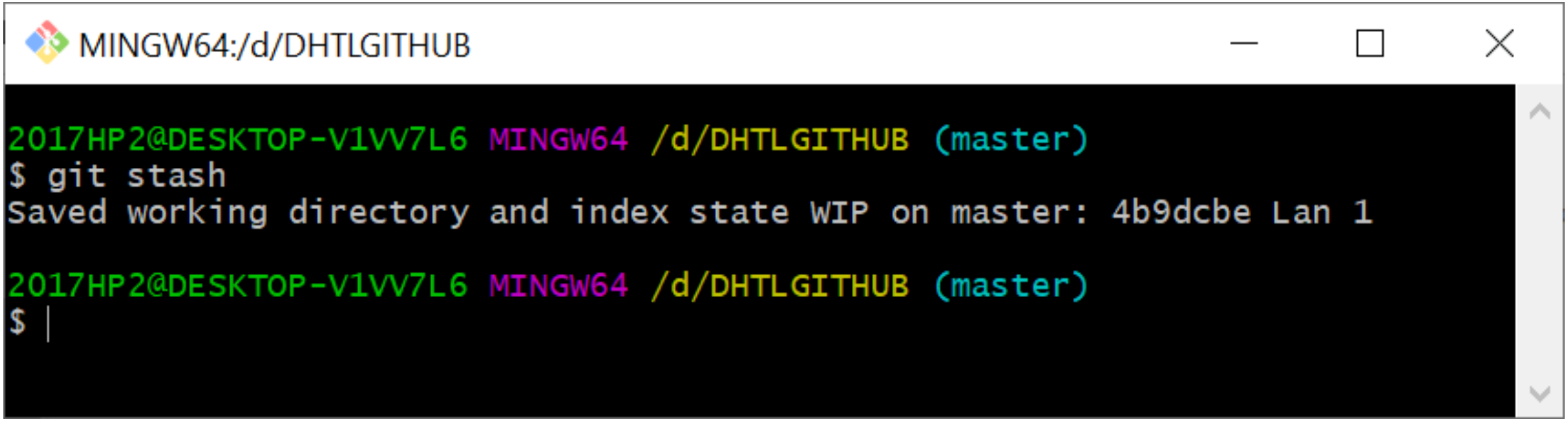
```
$ git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 661 bytes | 31.00 KiB/s, done.
From https://github.com/tranngocphuong2019/TLUP
   6643bf8..4f2fe62  master     -> origin/master
Updating 6643bf8..4f2fe62
Fast-forward
 P2.txt | 3 ++-
 1 file changed, 2 insertions(+), 1 deletion(-)
```

git status - git log

```
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

2017HP2@DESKTOP-V1VV7L6 MINGW64 /d/GUTHUB_REPO/TLUP (master)
$ git log
commit 4f2fe6241d65643d7326049b50b4cb516c2553fc (HEAD -> master, origin/master)
Author: tranngocphuong2019 <62366701+tranngocphuong2019@users.noreply.github.com
>
Date:   Thu Apr 16 18:57:21 2020 +0700

    Update P2.txt

commit 6643bf8578802fddd4ea1a6b7ae1fe64c978b2ec
Author: tranngocphuong2019 <tranngocphuong2019@gmail.com>
Date:   Thu Apr 16 18:52:54 2020 +0700

    lan2

commit 1f573aebb5c38fd942985da20c0c55ce4567f2c3
Author: tranngocphuong2019 <tranngocphuong2019@gmail.com>
Date:   Thu Apr 16 17:31:34 2020 +0700

    L1
```

Phục hồi lại Code

- $ git stash



Lưu ý: Phục hồi các file đang ở trên máy local