

Git, Github, and Markdown

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Overview

Prerequisite

- Git
- TortoiseGit
- Github account

Practice) Git, Github, and Markdown

- 1. Make a (remote) repository on your Github
- 2. Clone your remote repository
- 3. Add a Markdown text file and edit it
- 4. Commit your modification
- 5. Push your commit

Assignment

Submit your Markdown URL in your Github repository

Prerequisite

- Git
 - Download: https://git-scm.com/downloads
 - Note) You can use the default setting. (Don't confuse many question.)
- TortoiseGit (only for Windows)
 - Download: https://tortoisegit.org/download/
 - Please fill your name and e-mail address for your Git profile.
 - Note) You would better to use the *Language Setting* as *English* instead of *Korean*. Korean translation is sometimes difficult to understand (e.g. 복제: clone? copy?)
- Github account
 - URL: https://github.com/ (Sign up is at the top-right if you are not login.)
 - Note) <u>Creating a personal access token</u> (a.k.a. PTA), Github

Practice) Git, Github, and Markdown

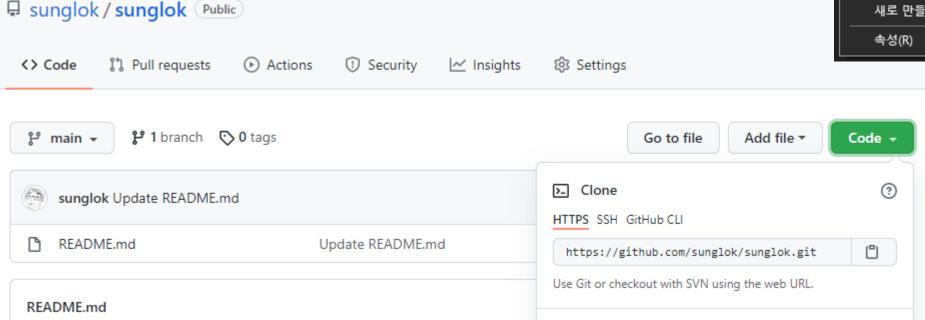
1. Make a (remote) repository on your Github

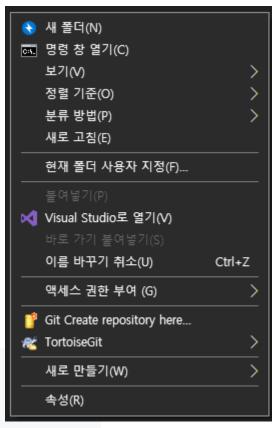
- [Github] Click New repository at the + icon at the top-right.
- [Github] Fill the repository name while selecting *Public*.
 - The same name with your account will be your Github profile.

Practice) Git, Github, and Markdown

2. Clone your remote repository

- [File Explorer] Click the right mouse button where your working directory.
 - You can see a context menu including TortoiseGit.
- [File Explorer] Click TortoiseGit > Clone or Git Clone.
- [TortoiseGit] Fill the URL of your remote repository.
 - e.g. https://github.com/sunglok/sunglok.git
 - You can check your URL at Code after pushing any commit.





Practice) Git, Github, and Markdown

3. Add a Markdown text file and edit it

- Make a text file such as README.md.
- [File Explorer] Click the right mouse button at the text file.
- [File Explorer] Click TortoiseGit > Add.
- Edit your text file in Markdown syntax.

4. Commit your modification

- [File Explorer] Click the right mouse button where your working directory.
- [File Explorer] Click TortoiseGit > Commit -> "master"
 - Write a log message (e.g. Add README.md)
- Note) You can easily see your logs and diffs on your repository with TortoiseGit. Enjoy the Git!

5. Push your commit

- [File Explorer] Click the right mouse button where your working directory.
- [File Explorer] Click TortoiseGit > Push.
 - You may need to login Github for authentication. (Do not select the second one, Personal Access Token (PAT).)

Assignment

Mission

Submit your Markdown URL in your Github repository

Condition

- Your Markdown text should contain at least one Markdown tag.
 - A plain text is not allowed.
- Your repository should be <u>public</u> and <u>available</u> until the end of this semester.
 - Don't remove your repository until the end of this semester.
- You can select your Git client, not only TortoriseGit but also console and others.
- You can make your remote repository not only in Github but also in Bitbucket, Gitlab, and others.
- You can use your previous repository and previous Markdown file (but with your modification).

Submission

- Deadline: September 14, 2022 23:59 (firm deadline; no extension)
- Where: e-Class > Assignments
- Score: Max 10 points (binary evaluation)

Assignment

Submission example

