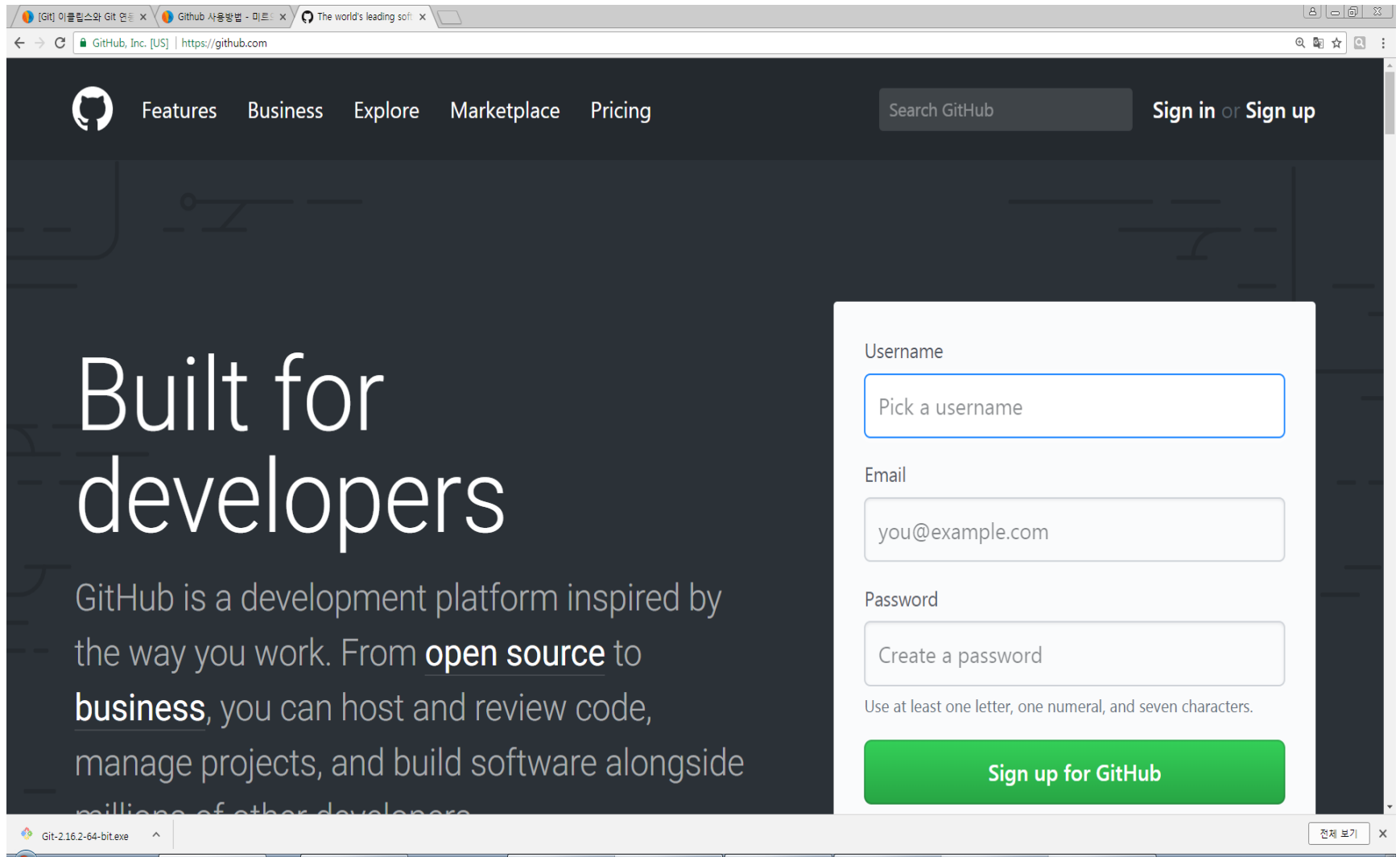


GitHub

What is GitHub?

- **GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere.**
- **SVN != GitHub**
 - SVN : commit at repository
 - Git : commit at local → push at git → update
-

GitHub 계정생성 (1/5) <https://github.com/>



The screenshot shows the GitHub website's sign-up interface. The browser's address bar displays 'https://github.com/'. The page features a dark header with navigation links: 'Features', 'Business', 'Explore', 'Marketplace', and 'Pricing'. A search bar labeled 'Search GitHub' and a 'Sign in or Sign up' link are also present. The main content area has a dark background with the text 'Built for developers' and a description of GitHub as a development platform. On the right, a white sign-up form is overlaid, containing fields for 'Username', 'Email', and 'Password', each with a placeholder text. A green 'Sign up for GitHub' button is at the bottom of the form. The browser's taskbar at the bottom shows a 'Git-2.16.2-64-bit.exe' window.

Username

Pick a username

Email

you@example.com

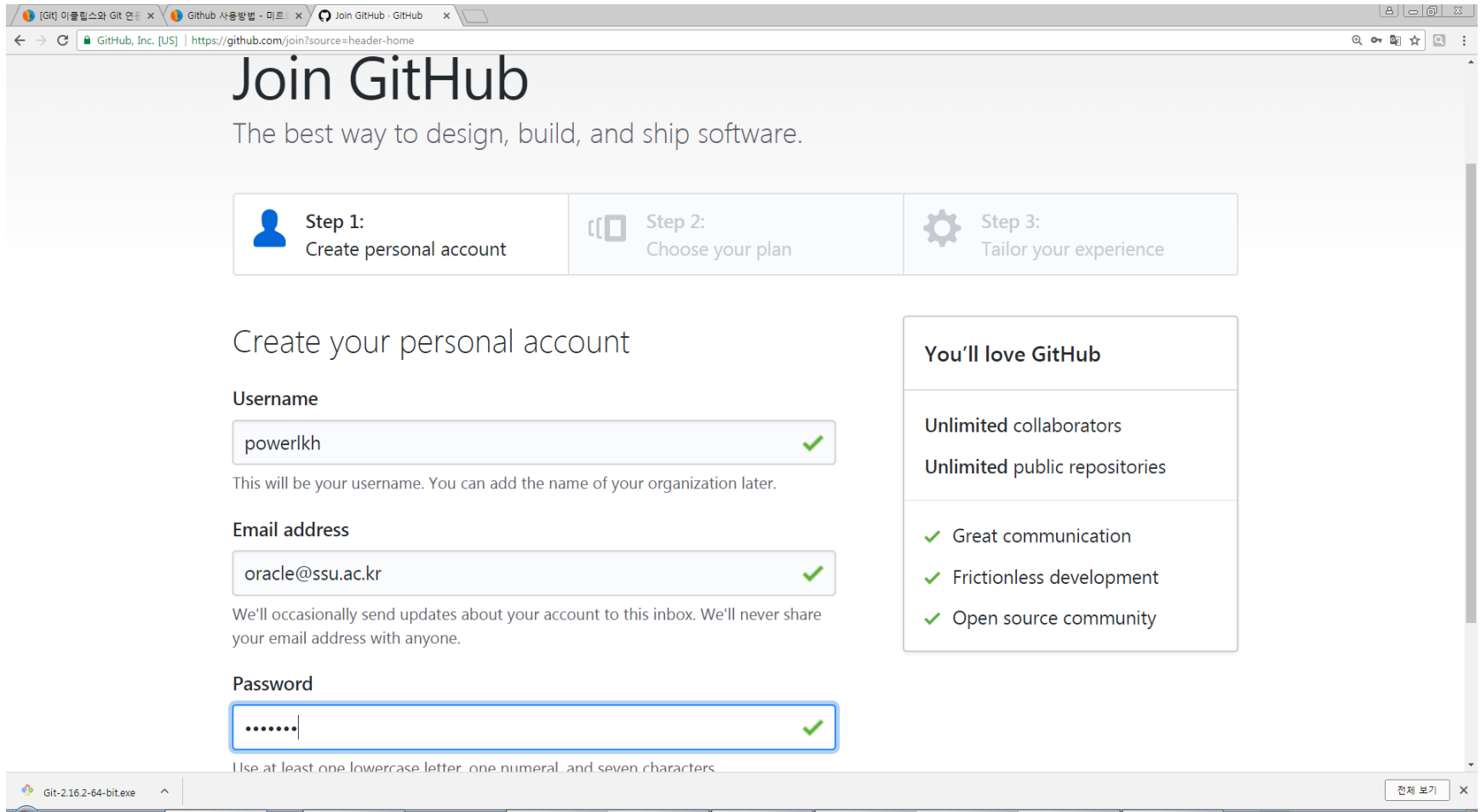
Password

Create a password

Use at least one letter, one numeral, and seven characters.

Sign up for GitHub

GitHub 계정생성 (2/5)



The screenshot shows the GitHub 'Join GitHub' page. The browser tabs include '[Git] 이클립스와 Git 연동', 'Github 사용방법 - 미프', and 'Join GitHub - GitHub'. The address bar shows 'https://github.com/join?source=header-home'. The page title is 'Join GitHub' with the tagline 'The best way to design, build, and ship software.'.

Below the title, there are three steps in a horizontal row:

- Step 1:** Create personal account (with a person icon)
- Step 2:** Choose your plan (with a document icon)
- Step 3:** Tailor your experience (with a gear icon)

The main section is titled 'Create your personal account'. It contains three input fields, each with a green checkmark indicating it's valid:

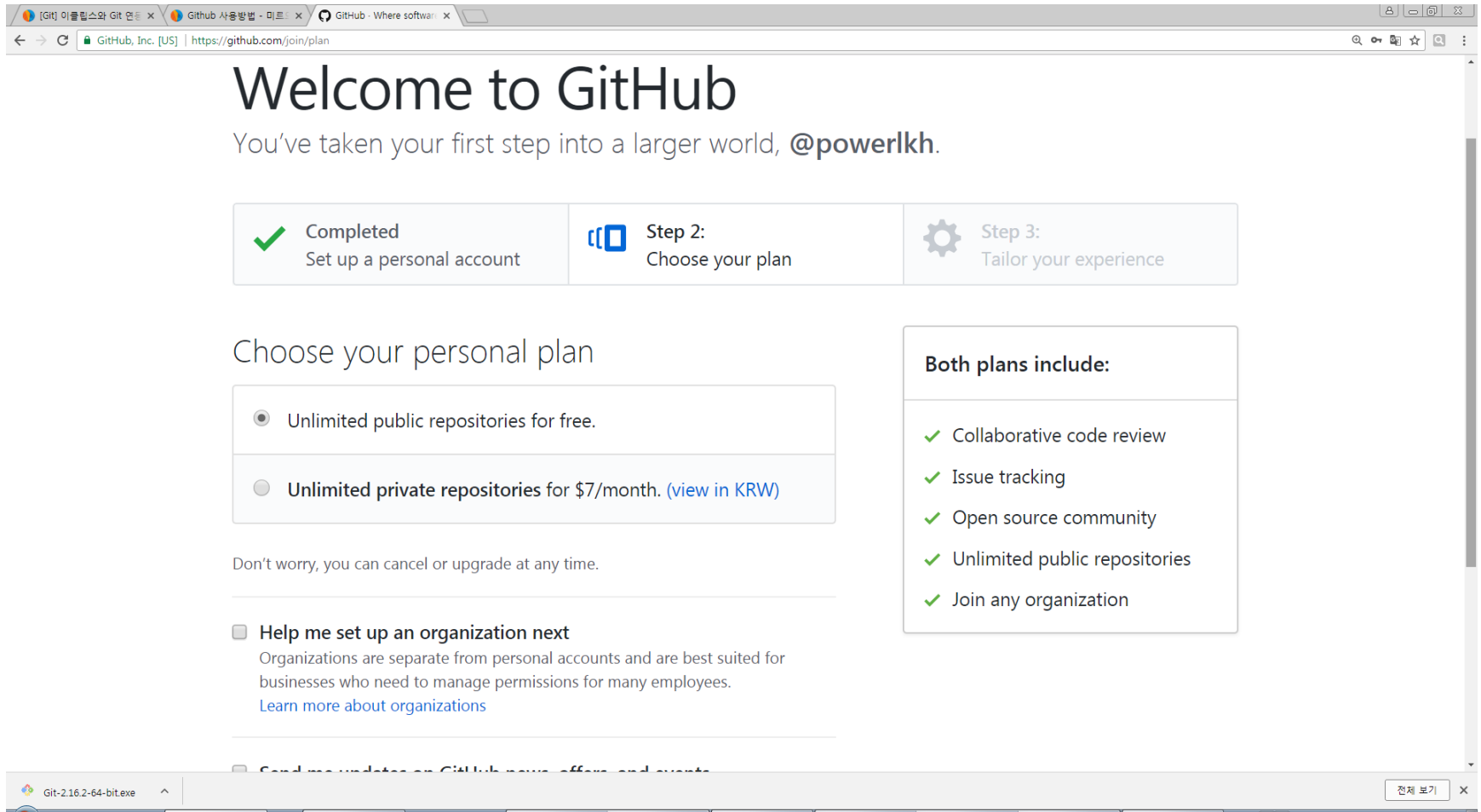
- Username:** 'powerlkh'. Below it, a note says: 'This will be your username. You can add the name of your organization later.'
- Email address:** 'oracle@ssu.ac.kr'. Below it, a note says: 'We'll occasionally send updates about your account to this inbox. We'll never share your email address with anyone.'
- Password:** A masked password field (dots). Below it, a note says: 'Use at least one lowercase letter, one numeral, and seven characters.'

On the right side, there is a box titled 'You'll love GitHub' containing the following benefits:

- Unlimited collaborators
- Unlimited public repositories
- Great communication (with a green checkmark)
- Frictionless development (with a green checkmark)
- Open source community (with a green checkmark)

The bottom of the browser window shows a taskbar with 'Git-2.16.2-64-bit.exe' and a '전체 보기' (Full View) button.

GitHub 계정생성 (3/5)



The screenshot shows the GitHub 'Welcome to GitHub' page for user @powerlkh. The browser address bar shows 'https://github.com/join/plan'. The page has a progress bar with three steps: 'Completed: Set up a personal account', 'Step 2: Choose your plan', and 'Step 3: Tailor your experience'. Under 'Choose your personal plan', there are two radio button options: 'Unlimited public repositories for free.' (selected) and 'Unlimited private repositories for \$7/month. (view in KRW)'. Below these options is a note: 'Don't worry, you can cancel or upgrade at any time.' There is a checkbox option 'Help me set up an organization next' with a description and a link 'Learn more about organizations'. On the right, a box titled 'Both plans include:' lists five features with green checkmarks: 'Collaborative code review', 'Issue tracking', 'Open source community', 'Unlimited public repositories', and 'Join any organization'. The bottom of the browser window shows a taskbar with 'Git-2.16.2-64-bit.exe' open.

Welcome to GitHub

You've taken your first step into a larger world, @powerlkh.

Completed Set up a personal account

Step 2: Choose your plan

Step 3: Tailor your experience

Choose your personal plan

☒ Unlimited public repositories for free.

☐ Unlimited private repositories for \$7/month. ([view in KRW](#))

Don't worry, you can cancel or upgrade at any time.

☐ Help me set up an organization next

Organizations are separate from personal accounts and are best suited for businesses who need to manage permissions for many employees. [Learn more about organizations](#)

Both plans include:

- ✓ Collaborative code review
- ✓ Issue tracking
- ✓ Open source community
- ✓ Unlimited public repositories
- ✓ Join any organization

Git-2.16.2-64-bit.exe


GitHub 계정생성 (4/5)


Browser tabs: [Git] 이클립스와 Git 연동, Github 사용방법 - 미로, Github - Where software


Address bar: GitHub, Inc. [US] | https://github.com/join/customize

Welcome to GitHub

You'll find endless opportunities to learn, code, and create, @powerlkh.

 **Completed**
Set up a personal account

 **Step 2:**
Choose your plan

 **Step 3:**
Tailor your experience

How would you describe your level of programming experience?

☒ Totally new to programming ☐ Somewhat experienced ☐ Very experienced

What do you plan to use GitHub for? (check all that apply)

☒ Project Management ☐ Design ☐ Research
☐ Development ☐ School projects ☐ Other (please specify)

Which is closest to how you would describe yourself?



☐ I'm a professional ☒ I'm a student ☐ I'm a hobbyist
☐ Other (please specify)

Taskbar: Git-2.16.2-64-bit.exe [전체 보기] x

GitHub 계정생성 (5/5)

[Git] 아틀라스와 Git 연동 x GitHub 사용방법 - 미프 x Your Actions x


← → ↻ GitHub, Inc. [US] | https://github.com/dashboard 🔍 🌟 🔍 ⋮

 Search GitHub Pull requests Issues Marketplace Explore + ▾  ▾

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.

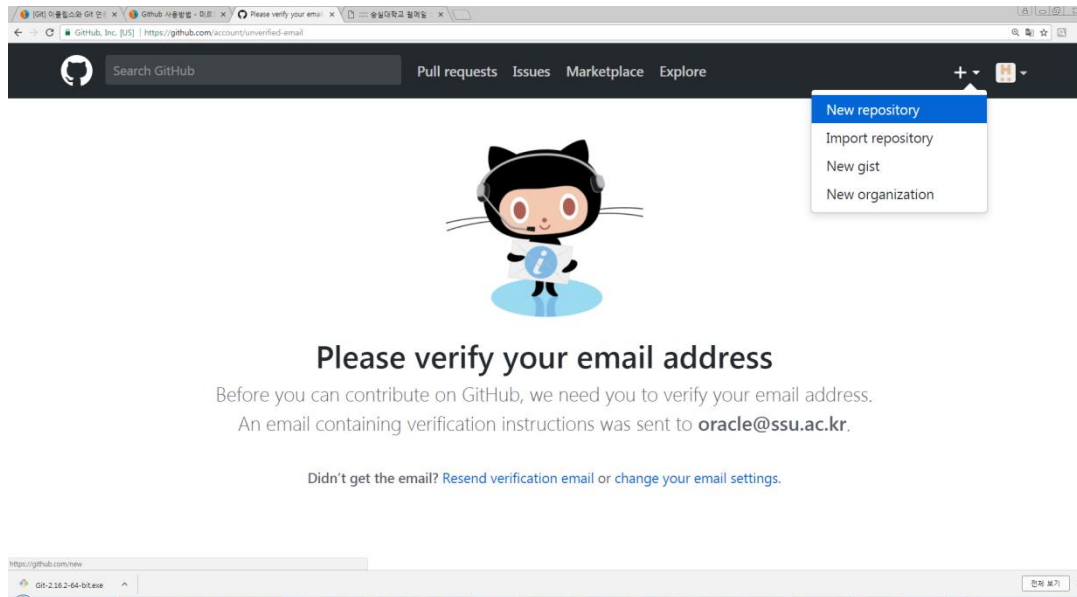
[Read the guide](#) [Start a project](#)

© 2018 GitHub, Inc. [Terms](#) [Privacy](#) [Security](#) [Status](#) [Help](#)  [Contact GitHub](#) [API](#) [Training](#) [Shop](#) [Blog](#) [About](#)

Git-2.16.2-64-bit.exe ^ 전체 보기 x

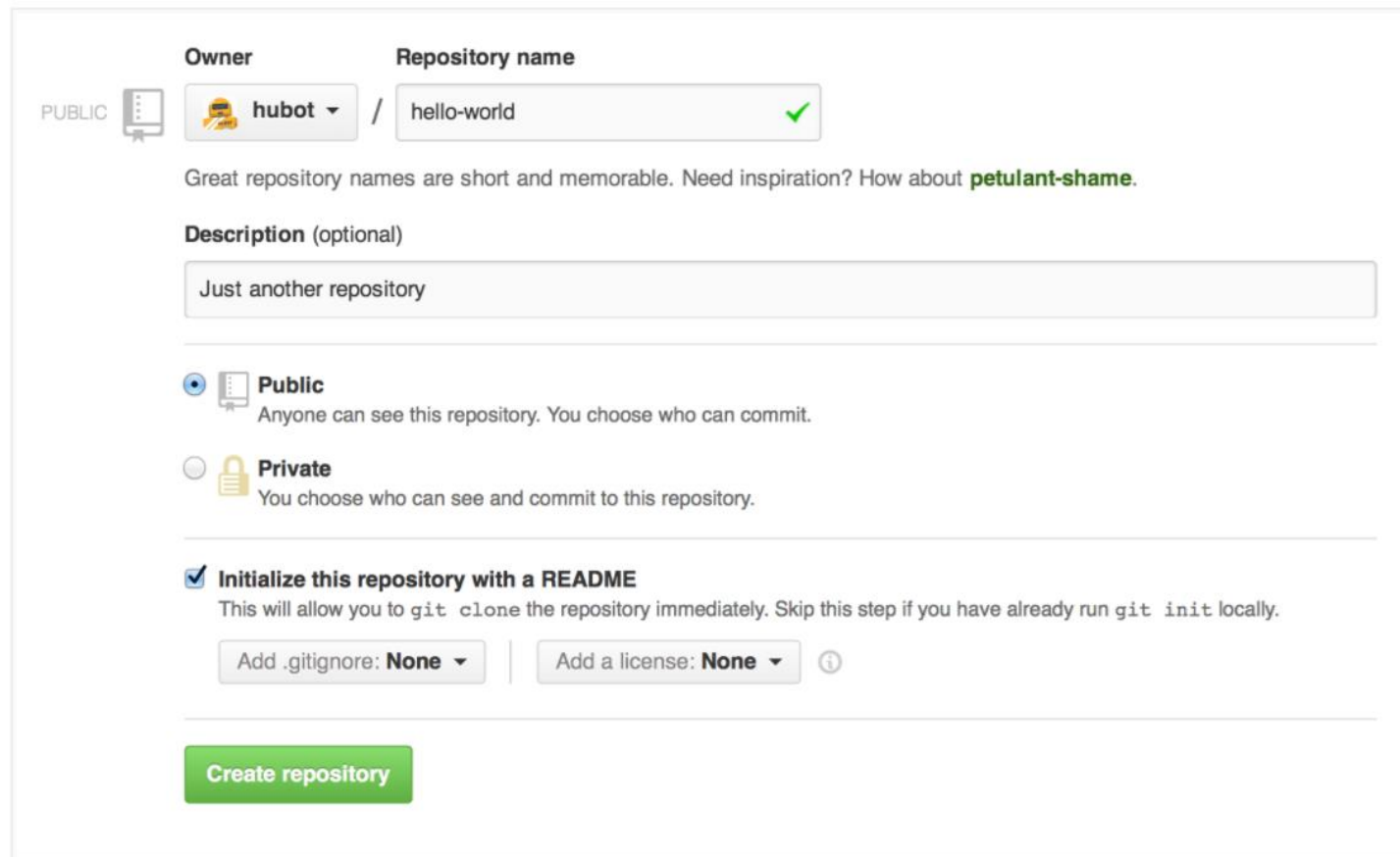
Start a GitHub project

- Create and use a **repository**
- Start and manage a new **branch**
- Make changes to a file and push them to GitHub as **commits**
- Open a **pull request** and **merge** it




[Step 1] Create a Repository

- **Repository** is used to organize a single project. It can contain anything your project needs.



The screenshot shows the GitHub 'Create a new repository' form. At the top, there are two main sections: 'Owner' and 'Repository name'. The 'Owner' section has a 'PUBLIC' label and a dropdown menu showing 'hubot' with a robot icon. The 'Repository name' section has a text input field containing 'hello-world' and a green checkmark icon. Below these, there is a hint: 'Great repository names are short and memorable. Need inspiration? How about [petulant-shame](#).' The 'Description (optional)' section has a text input field containing 'Just another repository'. Below the description, there are two radio button options: 'Public' (selected) and 'Private'. The 'Public' option is described as 'Anyone can see this repository. You choose who can commit.' The 'Private' option is described as 'You choose who can see and commit to this repository.' Below the visibility options, there is a checked checkbox for 'Initialize this repository with a README', with a note: 'This will allow you to `git clone` the repository immediately. Skip this step if you have already run `git init` locally.' At the bottom, there are two dropdown menus: 'Add .gitignore: None' and 'Add a license: None', followed by an information icon. A large green 'Create repository' button is at the very bottom.

Owner **Repository name**

PUBLIC  hubot / hello-world ✓

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

Description (optional)

Just another repository

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

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

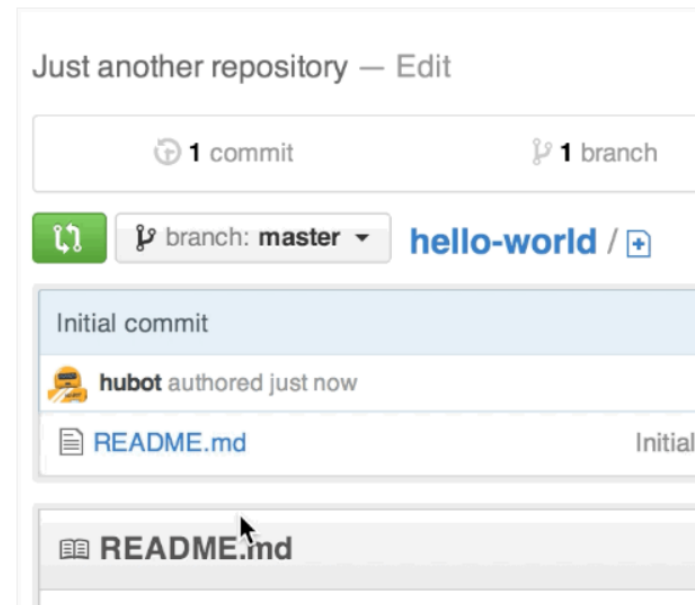
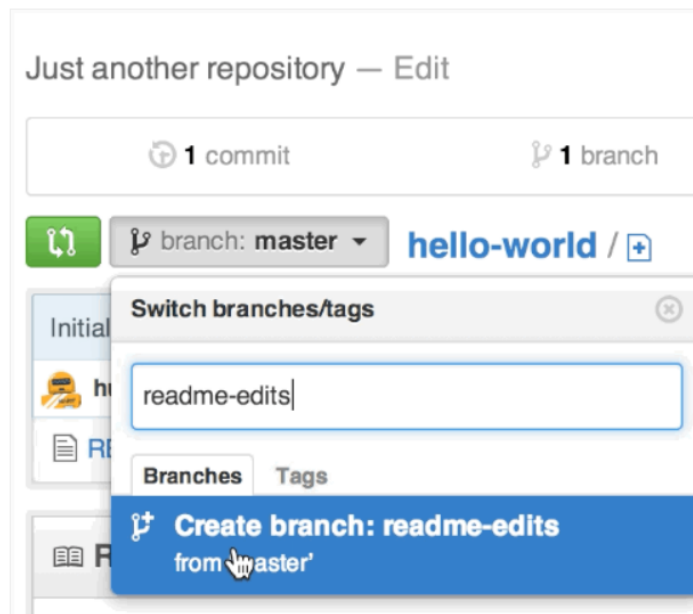
☒ **Initialize this repository with a README**
This will allow you to `git clone` the repository immediately. Skip this step if you have already run `git init` locally.

Add .gitignore: None | Add a license: None ⓘ

Create repository

[Step 2] Create a Branch

- **Branching** is the way to work on different versions of a repository at one time.
- **master is** default branch in your repository which is considered to be the definitive branch.



[Step 3] Make and commit changes

- On GitHub, saved changes are called *commits*.

The screenshot shows the GitHub web interface for the repository 'hubot / hello-world'. At the top, there are buttons for 'Unwatch' (1), 'Star' (0), and 'Fork' (0). Below this is a navigation bar with 'Code', 'Issues' (0), 'Pull requests' (0), 'Wiki', 'Pulse', 'Graphs', and 'Settings'. The main content area shows the 'hello-world' repository with the 'README.md' file selected. The file content is displayed in a code editor with line numbers 1 through 7. The text in the file is:

```
1 # hello-world
2
3 Hi Humans!
4
5 Hubot here, I like Node.js and Coffeescript (that's what I'm made of!).
6 I've had tacos on the moon and find them far superior to Earth tacos.
7
```

 Below the code editor is the 'Commit changes' dialog. It has a title 'Commit changes' and a description field containing 'Finish README' and 'And mention moon tacos'. There are two radio buttons for the commit destination: 'Commit directly to the readme-edits branch' (selected) and 'Create a new branch for this commit and start a pull request. Learn more about pull requests.' At the bottom of the dialog are two buttons: 'Commit changes' (green) and 'Cancel' (grey).

hubot / hello-world

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Wiki Pulse Graphs Settings

hello-world / README.md or cancel

Edit file Preview changes Spaces 2 Soft wrap

```
1 # hello-world
2
3 Hi Humans!
4
5 Hubot here, I like Node.js and Coffeescript (that's what I'm made of!).
6 I've had tacos on the moon and find them far superior to Earth tacos.
7
```

Commit changes

Finish README

And mention moon tacos

☒ Commit directly to the readme-edits branch

☐ Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

Commit changes Cancel

[Step 4] Open a Pull Request


- *pull request* are proposing your changes and merge them into their branch.
- you have changes in a branch off of master, you can open a *pull request*.


The image consists of three overlapping screenshots from the GitHub web interface, illustrating the steps to open a pull request.


- Top Left Screenshot:** Shows the GitHub repository page for 'orid'. The 'Pull requests' tab is selected. A green button labeled 'New pull request' is visible on the right side of the page.
- Top Right Screenshot:** Shows the commit details for a commit by 'hubot' on Oct 27, 2014. It indicates '1 file changed' and shows a diff for 'README.md'. The diff shows a deletion of '-Just another repository' and an addition of '+Hubot here, I like Node.js and Coffee them far superior to Earth tacos.'.
- Bottom Screenshot:** Shows the 'Create pull request' dialog. The 'base' branch is set to 'master' and the 'compare' branch is set to 'readme-ed'. A green button labeled 'Create pull request' is prominent, followed by the text 'Discuss and review the changes'.


[Step 5] Merge your Pull Request

- **merging** is bring your changes together – your branch into the master branch.




 **This branch has no conflicts with the base branch**
Merging can be performed automatically.

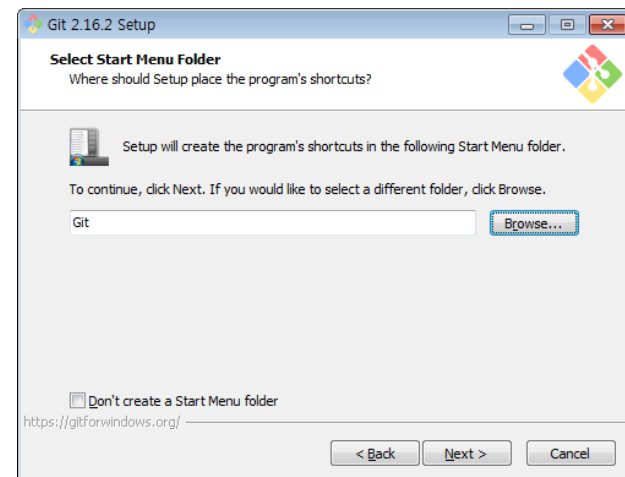
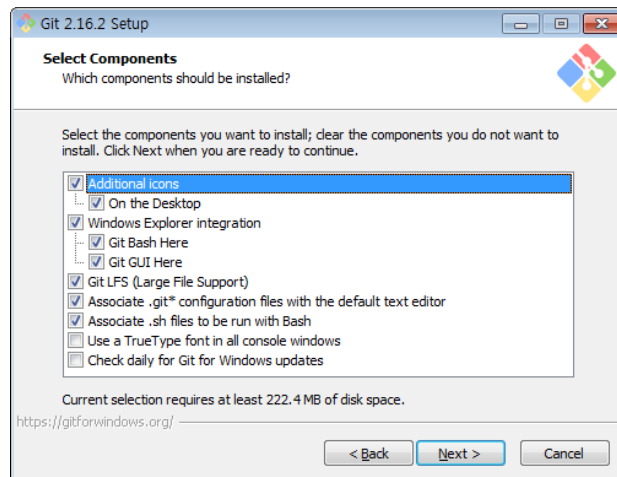
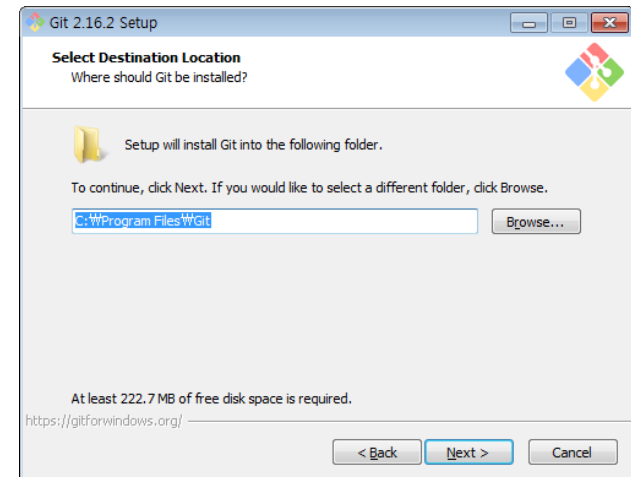
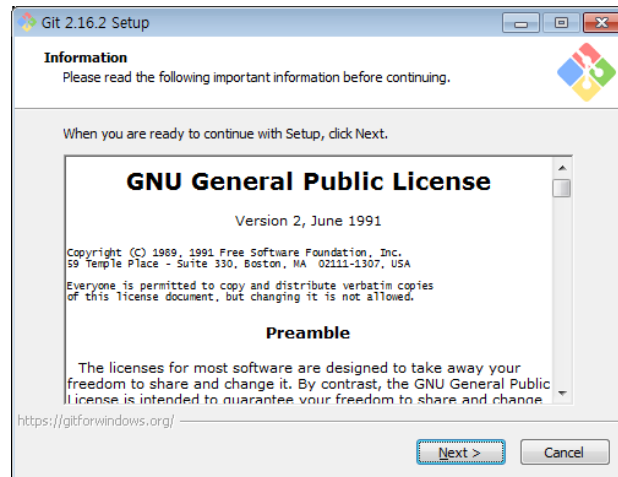
 **Merge pull request** You can also [open this in GitHub Desktop](#) or view [command line instructions](#).



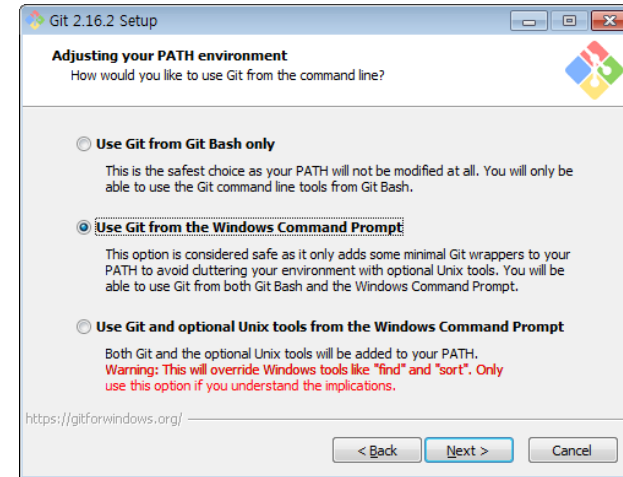
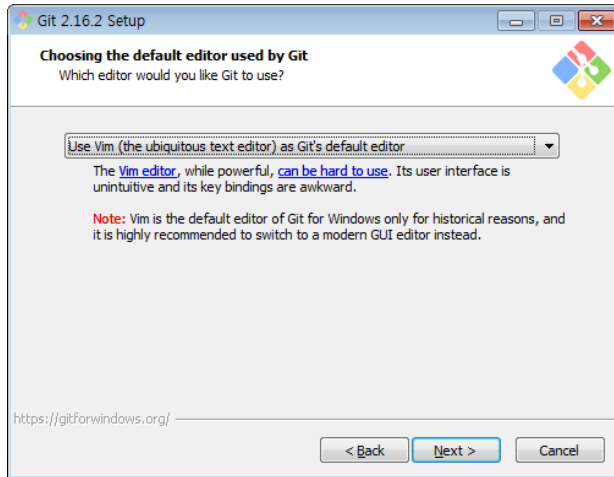
Pull request successfully merged and closed
You're all set—the `readme-edits` branch can be safely deleted.

 **Delete branch**

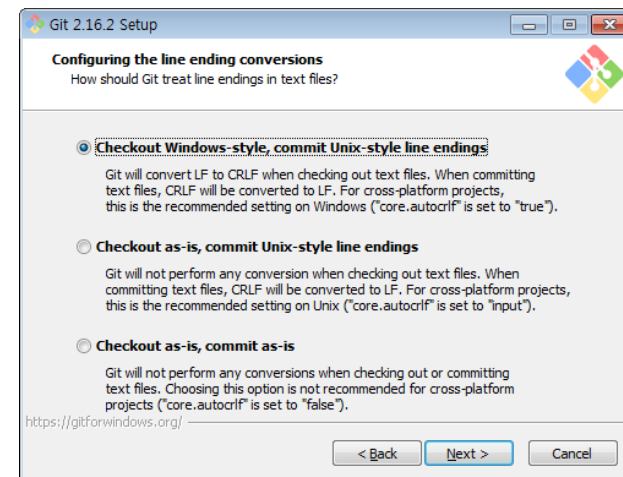
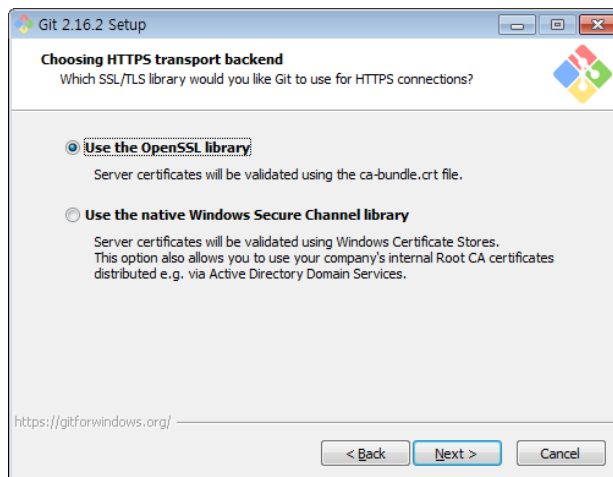
Install Git (1/3)



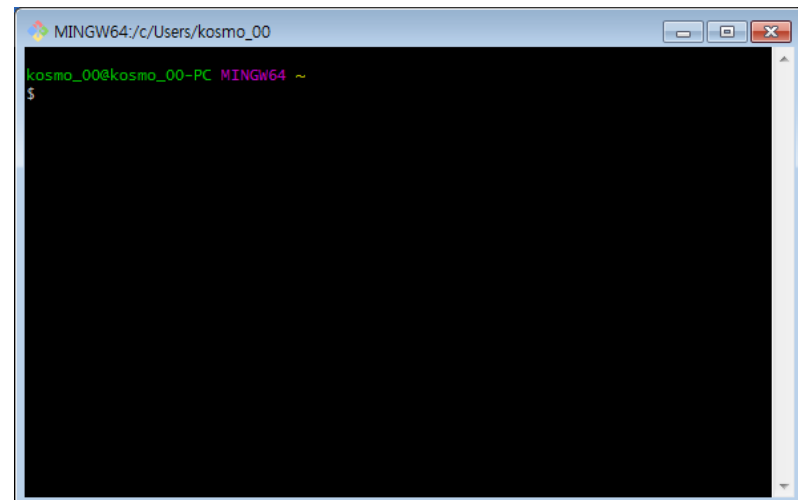
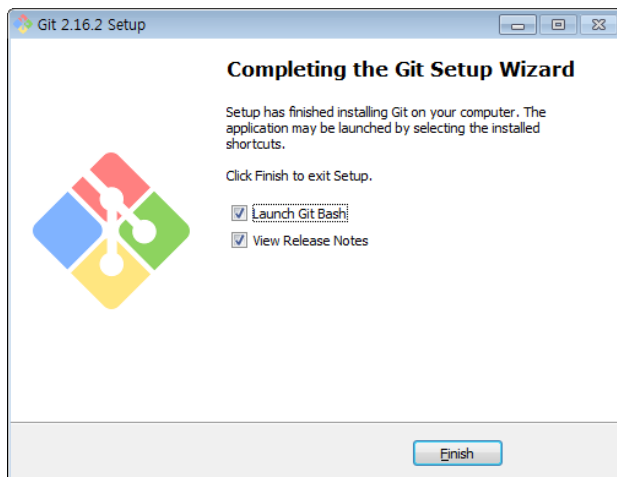
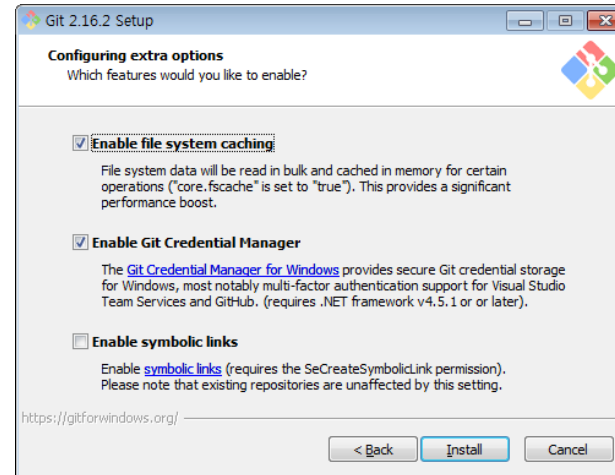
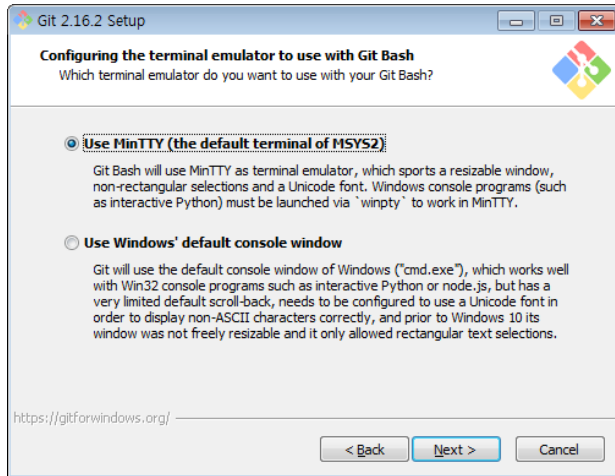
Install Git (2/3)



Git bash + Windows command prompt



Install Git (3/3)



Eclipse Git repository 설정

1. 이미 다운받은 .git을 추가하는 방법
2. github등에서 clone하는 방법
3. 새로 만드는 방법

Select one of the following to add a repository to this view:

-  [Add an existing local Git repository](#)
-  [Clone a Git repository](#)
-  [Create a new local Git repository](#)

Clone Git Repository

Enter the location of the source repository.

Location

URI:

Host:

Repository path:

Connection

Protocol:

Port:

Authentication

User:

Password:

☐ Store in Secure Store

<https://github.com/powerlkh/test-repository>