

The background is a complex network of thin grey lines connecting various sized nodes. The nodes are colored in dark blue, light blue, and grey. Some nodes are simple circles, while others are concentric circles. A large dark blue node is at the top center, and a large light blue node is at the bottom left. A large grey node is on the right side. The overall effect is a sense of interconnectedness and data flow.

GITHUB

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# GIT이란?

**내컴퓨터(개발자PC) => 파일 저장 (내컴퓨터=로컬저장소)  
로컬저장소 => 원격저장소(외부)를 만들어 파일 저장  
버전 관리 도구**

**로컬 저장소에서 파일 필요할 때  
원격저장소로부터 파일을 가지고 올**



# 내컴퓨터에 원격저장소 프로그램 설치

<https://git-scm.com>


로컬 저장소 활용명령 **git**

아래와 같이 도스창 입력하여 **버전 확인**

**git --version**

Git

https://git-scm.com





--distributed-is-the-new-centralized

Search entire site...

Git is a **free and open source** distributed version control system designed to handle everything from small to very large projects with speed and efficiency.


Git is **easy to learn** and has a **tiny footprint with lightning fast performance**. It outclasses SCM tools like Subversion, CVS, Perforce, and ClearCase with features like **cheap local branching**, convenient **staging areas**, and **multiple workflows**.






**About**

The advantages of Git compared to other source control systems.




**Documentation**

Command reference pages, Pro Git book content, videos and other material.




**Downloads**

GUI clients and binary releases for all major platforms.




**Community**





Get involved! Bug reporting, mailing list, chat, development and more.



**Pro Git** by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).





Latest source Release  
**2.37.1**  
[Release Notes](#) (2022-07-04)  
[Download for Windows](#)











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# 원격저장소 만들기



Sign up click  
회원가입

Join GitHub

# Create your account

Username \*

Email address \*

Password \*

Make sure it's at least 15 characters OR at least 8 characters including a number and a lowercase letter.

[Learn more.](#)

Email preferences


☐ Send me occasional product updates, announcements, and offers.

Verify your account

GitHub: Where the world builds

github.com

오픈 [Classic ASP]#inclu...

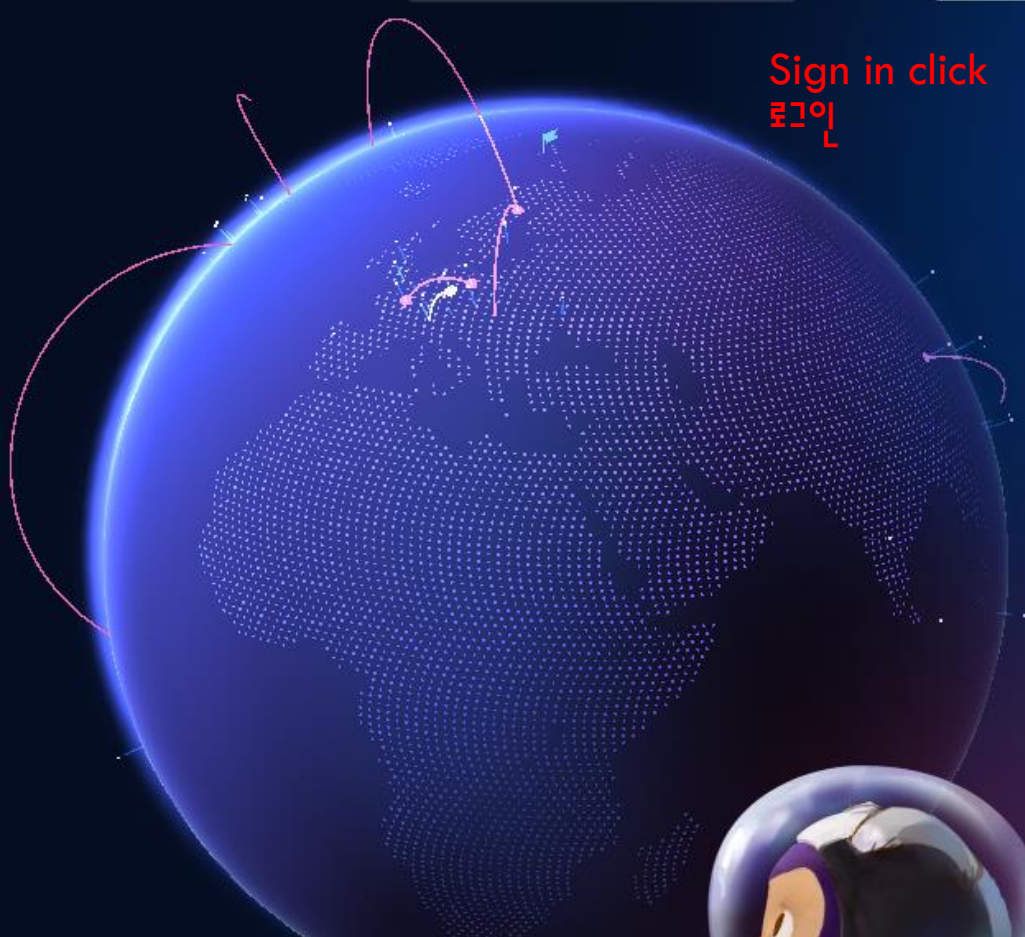
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# GIT로컬저장소 환경설정

## 현재 git의 상태를 확인하기

git status

## git기본설정인 사용자 이름과 메일 주소 입력하기

git config --global user.name "woogi7942"

git config --global user.email "woogi7942@naver.com"

## 현재 설정 정보를 조회하는 방법

git config --global --list

참고사항: git config --global --unset user.email (설정파일삭제)

# 작업폴더를 만들고 저장소 생성하기

작업 폴더를 생성하고 해당 폴더를 git의 작업 폴더로 만들자

```
mkdir gitwork
```

```
cd gitwork
```

```
git init
```

만약 다른 설정한 git가 있을 경우 폴더를 삭제하고 다시 init를 실행한다.

참고사항: rmdir /S 폴더명 (하위폴더모두 삭제), 숨김파일 보기 dir /w -ah

# 파일추가하기(STAGE 올리기)

파일을 하나 만들고 git에 파일을 추가하자 그리고 상태를 확인하자

test.txt

git add test.txt

git status

참고)도스에서 파일 만드는 방법 copy con test1.txt -> ctrl+c

여러개의 파일을 만들고 git에 만든 파일 모두 업로드해 보자.

그리고 상태를 확인하자

git add --all (git add -A)

git status

# 저장소에 저장하기

```
git commit -m " v1.0"
```

참고사항 : git log (commit한 파일 확인)

Git show (업로드된 파일리스트 보기), command로 빠져나오는 키: Q

Git diff

Git log를 통해 현재 브랜치인 master를 확인할 수 있음

Git diff 3920... e532a 명령을 실행하면 두 파일을 비교할 수 있음

```
C:\Users\Wadmin\gitwork>git log
commit e532a4a8f342b11cc1bb11534684685601a76f0d (HEAD -> master)
Author: woogi7942 <woogi7942@naver.com>
Date: Thu Nov 30 09:48:59 2023 +0900

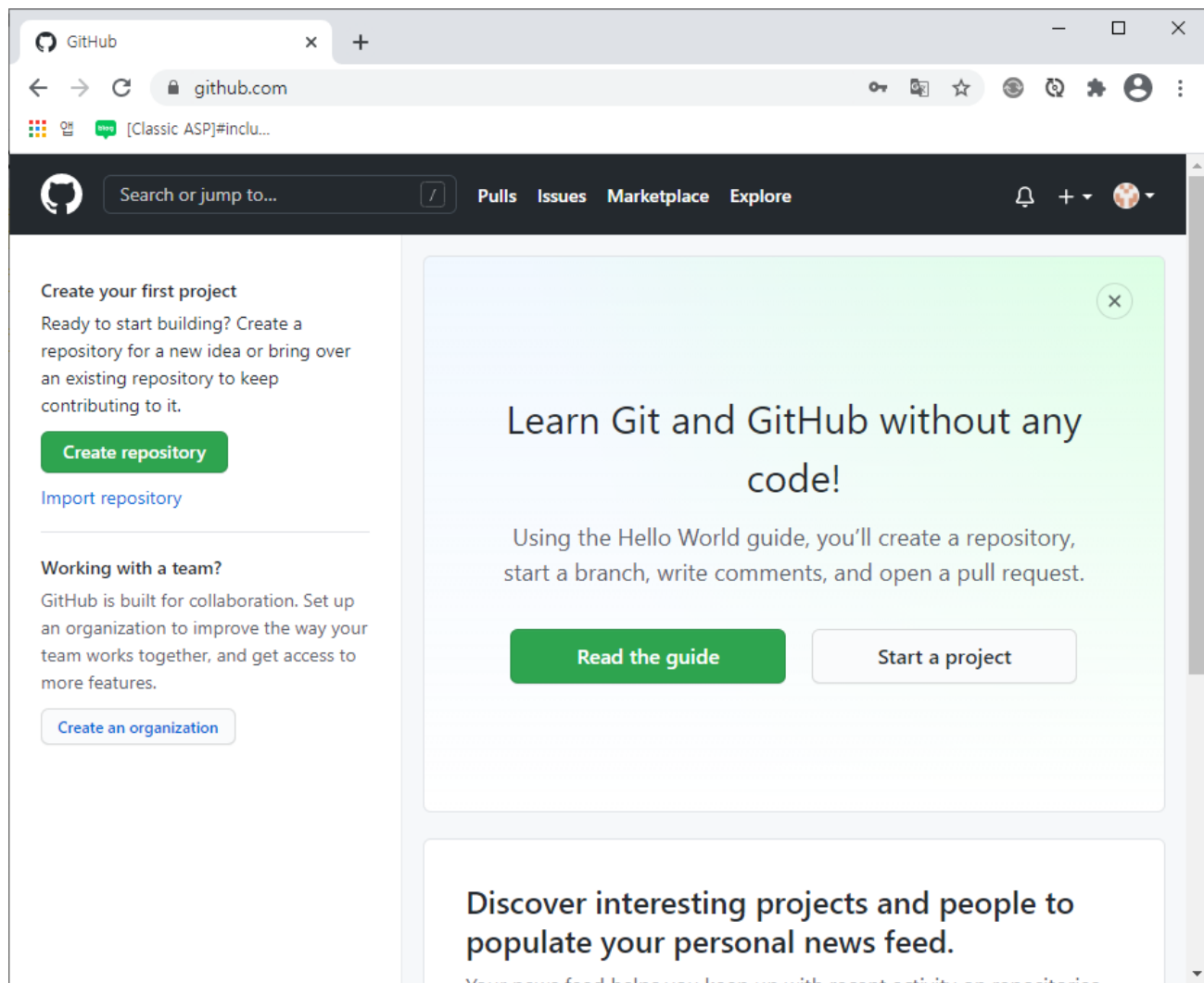
    v2.0

commit 3920c413997e831ed1a663edacd97710a28f1e2a
Author: woogi7942 <woogi7942@naver.com>
```






# 외부저장소 생성하기





Create a New Repository

github.com/new

[Classic ASP]#inclu...

 Search or jump to... Pulls Issues Marketplace Explore


 + 

## Create a new repository

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

Owner \*


Repository name \*

 woogi7942


/

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

Description (optional)

☒  **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.

**Initialize this repository with:**

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

☐ **Add a README file**

This is where you can write a long description for your project. [Learn more.](#)

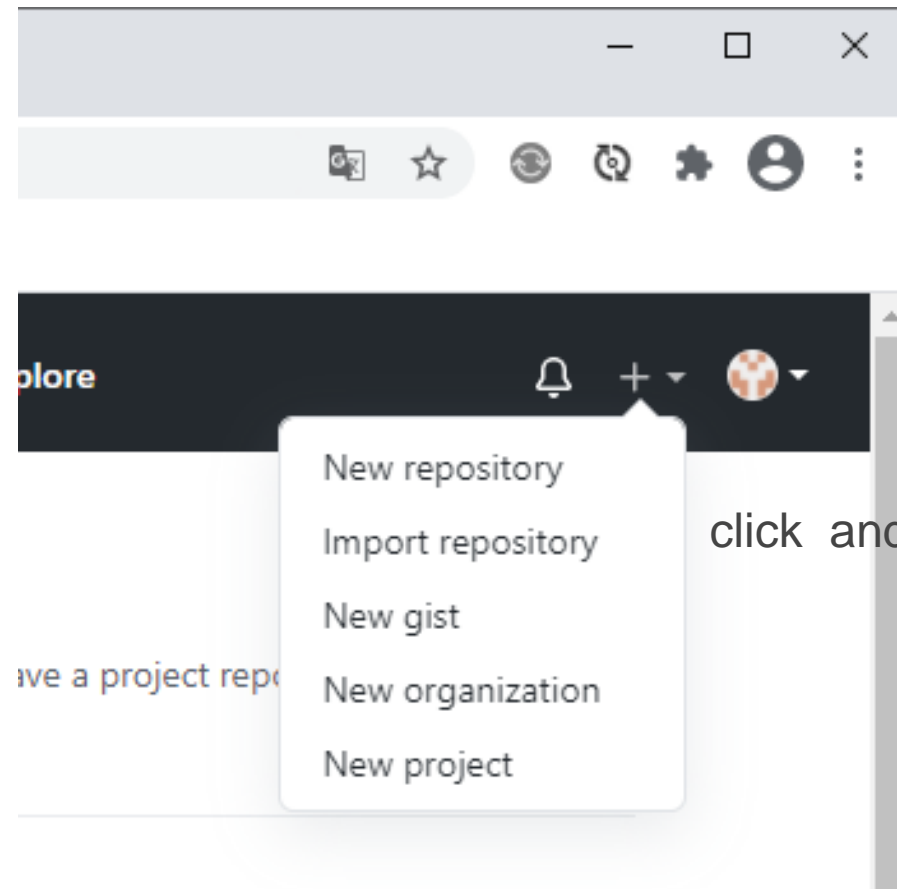
☐ **Add .gitignore**

Choose which files not to track from a list of templates. [Learn more.](#)

☐ **Choose a license**

A license tells others what they can and can't do with your code. [Learn more.](#)

Create repository



click and then select **New repository**.

PUBLIC

Owner

hubot

/

Repository name

hello-world

Name your repository hello-world

Great repository names are short and memorable. Need inspiration? How about **petulant-shame**.

Description (optional)

Just another repository

Write a short description.

☒ **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

Click Create repository






woogi7942/ncs

github.com/woogi7942/ncs

Search or jump to...

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woogi7942 / ncs

Unwatch1

Star0

Fork0

<> Code

! Issues

🔗 Pull requests

🎬 Actions

📁 Projects

📖 Wiki

🛡 Security

📈 Insights

⚙ Settings

🔑 master

🔗 1 branch

🏷 0 tags

Go to file

Add file

📄 Code

🔗 woogi7942 first commit

a.txt

first commit

Help people interested in this repository understand your project by

📄 Clone

HTTPS SSH GitHub CLI

https://github.com/woogi7942/ncs.git

Use Git or checkout with SVN using the web URL.

🖥 Open with GitHub Desktop

📦 Download ZIP

About

No description, website, or topics provided.

Releases

No releases published

Create a new release


Packages

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woogi7942/hello-world

github.com/woogi7942/hello-world

[Classic ASP]#inclu...

woogi7942 / hello-world

Unwatch 1 Star 0 Fork 0

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [...](#)

Quick setup — if you've done this kind of thing before

Set up in Desktop

 or 

HTTPS

SSH

https://github.com/woogi7942/hello-world.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 "# hello-world" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/woogi7942/hello-world.git
git push -u origin main
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/woogi7942/hello-world.git
git branch -M main
git push -u origin main
```

...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

Import code



로컬저장소에 원격저장소의 주소를 origin으로 저장한다.

```
git remote add origin https://github.com/woogi7942/test.git
```

Git log를 이용해 확인한 master 브랜치를 위에서 설정한 origin이름의 컴퓨터에 업로드한다.

```
git push -u origin master
```

# 정리

```
git init
```

```
git add README.md
```

```
git commit -m "first commit"
```

```
git branch -M main
```

```
git remote add origin https://github.com/woogi7942/test.git
```

```
git push -u origin main
```

로컬저장소에 git을 초기화(init)

로컬저장소에 파일을 stage에 올림(add)

로컬저장소 stage에 올라간 파일을 저장소에 완전히 저장

메인브랜치를 만들지 않을 경우 master브랜치 생성(자동생성)

만약 새로운 이름이 메인브랜치를 만들고 싶은 경우 -M옵션을 사용하여

main브랜치를 만듦(확인: git branch)

원격저장소인 origin을 추가하고 주소에 연결

로컬저장소 main에 있는 내용을 origin에 업로드(push)