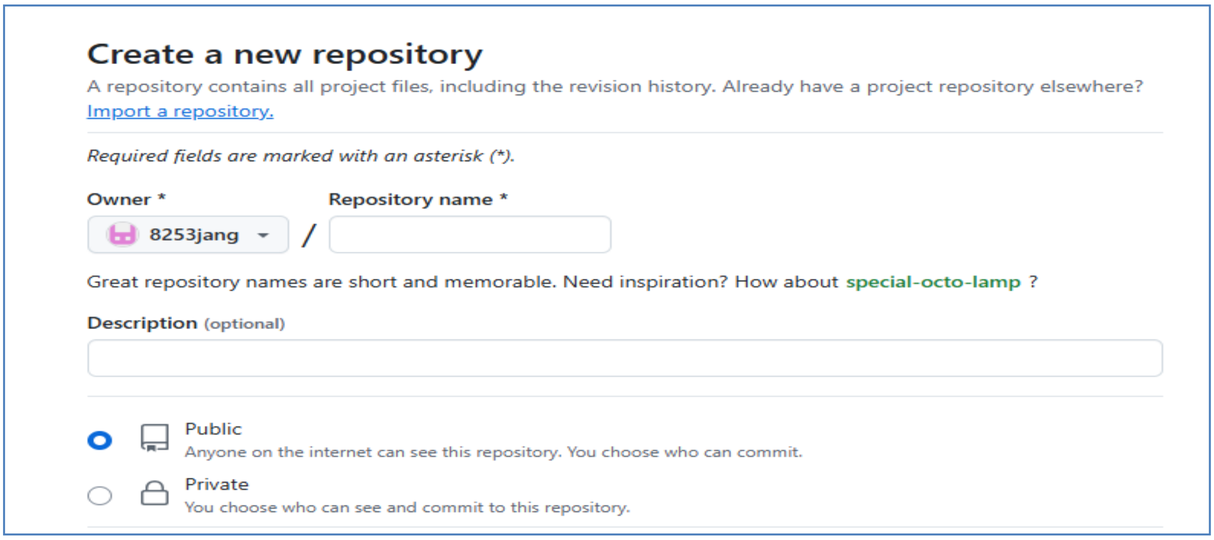
8253jang@daum.net
장희정

팀 프로젝트 Reopsitory 관리

1. 개인 github repositories 에서 repository 생성 한 후 collaborator 로 팀원 초대



Create a new repository

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

Required fields are marked with an asterisk (*).

Owner * 8253jang / **Repository name ***

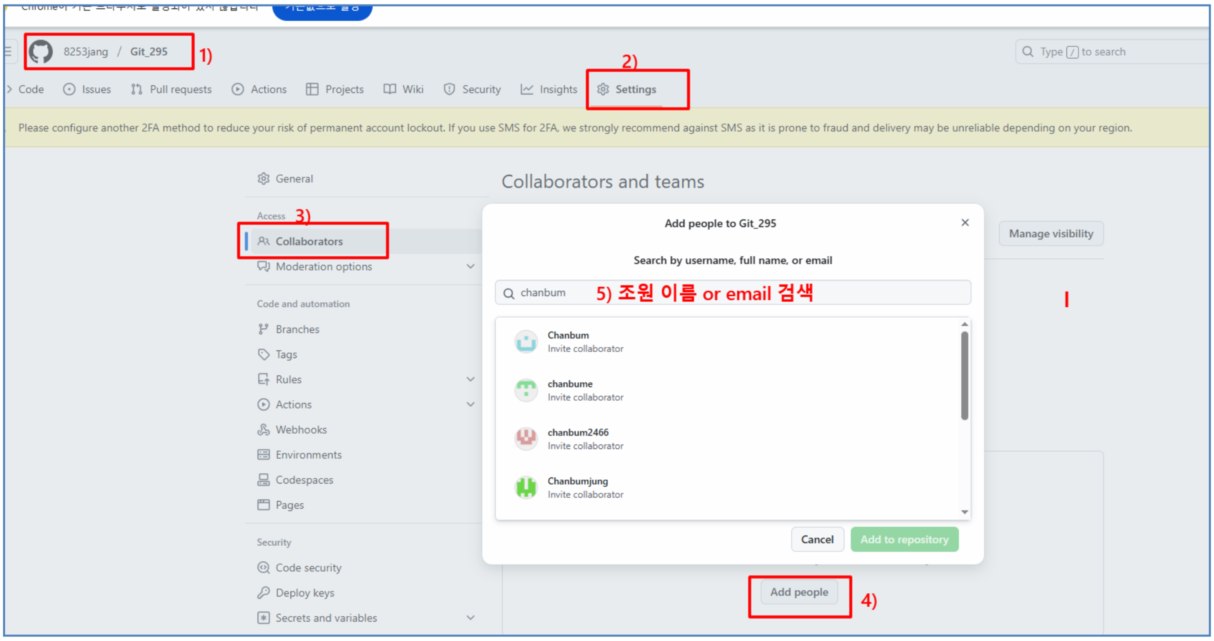
Great repository names are short and memorable. Need inspiration? How about **special-octo-lamp** ?

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.

새로운 Repository > Settings > Collaborators > Add people



Please configure another 2FA method to reduce your risk of permanent account lockout. If you use SMS for 2FA, we strongly recommend against SMS as it is prone to fraud and delivery may be unreliable depending on your region.

Collaborators and teams

Add people to Git_295

Search by username, full name, or email

chanbum 5) 조원 이름 or email 검색

Chanbum
Invite collaborator

chanbume
Invite collaborator

chanbum2466
Invite collaborator

Chanbumjung
Invite collaborator

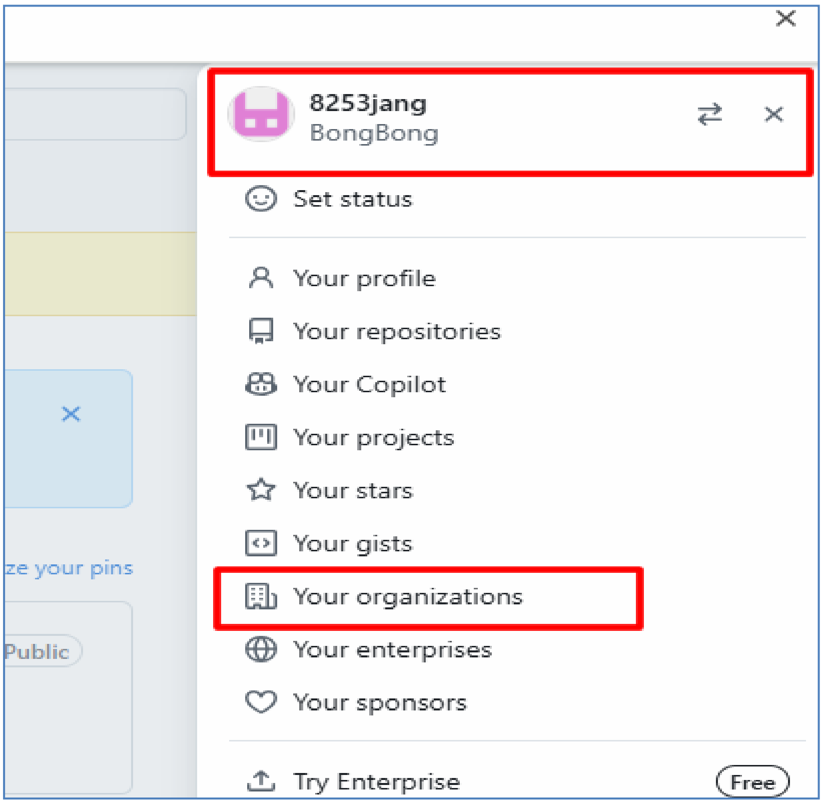
Cancel Add to repository

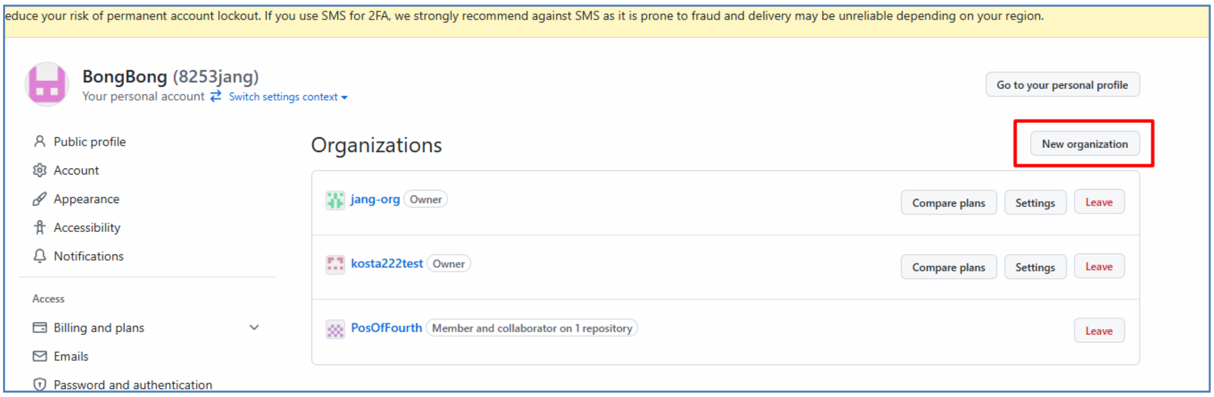
초대된 팀원에게 초대장이 메일로 전송된다. > 팀원이 초대장을 수락하면 이제 github 을 함께 관리 할 수 있다.

2. organization 생성 후 repository 생성

- ✓ collaborator 로 팀원초대
- ✓ 권한, 팀 등 관리 상세 관리 장점
- ✓ 일반적으로 회사에서 사용하는 방식

위 1 의 방식은 Repository 를 생성한 팀원 github 에 조원이 기여 하는 빙식 이라면 organization 은 팀원들 만의 조직을 만들고 함께 관리하는 방식이다. 또한 팀원들 마다 권한을 다르게 부여 할 수 도 있다.

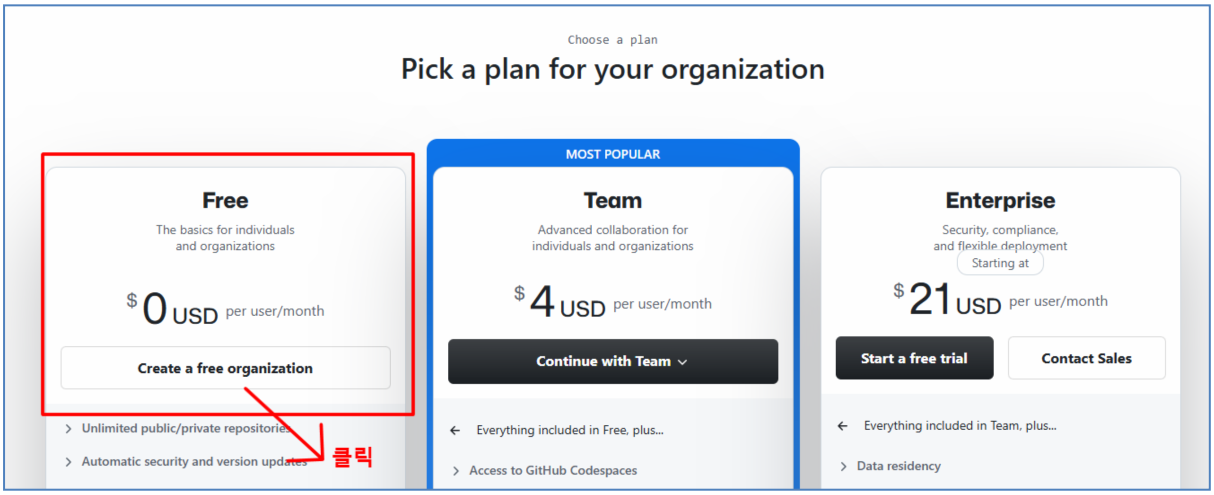



educe your risk of permanent account lockout. If you use SMS for 2FA, we strongly recommend against SMS as it is prone to fraud and delivery may be unreliable depending on your region.

BongBong (8253jang)
Your personal account ⇄ Switch settings context

Organizations

jang-org Owner
kosta222test Owner
PosOfFourth Member and collaborator on 1 repository



Choose a plan

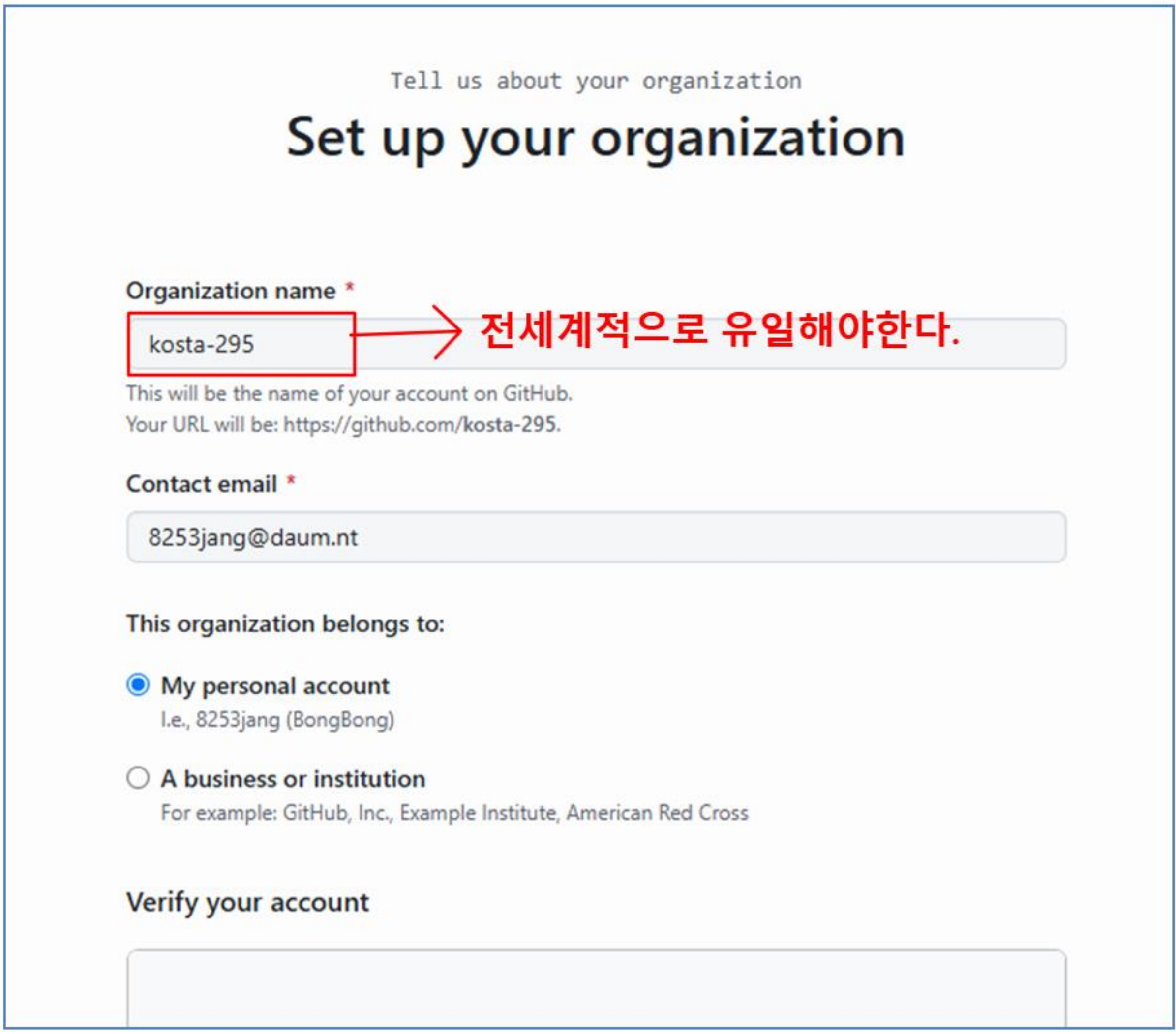
Pick a plan for your organization

Free
The basics for individuals and organizations
$ 0 USD per user/month
Create a free organization
› Unlimited public/private repositories
› Automatic security and version updates

클릭

MOST POPULAR
Team
Advanced collaboration for individuals and organizations
$ 4 USD per user/month
Continue with Team ⌄
← Everything included in Free, plus...
› Access to GitHub Codespaces

Enterprise
Security, compliance, and flexible deployment
Starting at
$ 21 USD per user/month
Start a free trial
Contact Sales
← Everything included in Team, plus...
› Data residency



Tell us about your organization

Set up your organization

Organization name *
kosta-295

전세계적으로 유일해야한다.

This will be the name of your account on GitHub.
Your URL will be: https://github.com/kosta-295.

Contact email *
8253jang@daum.nt

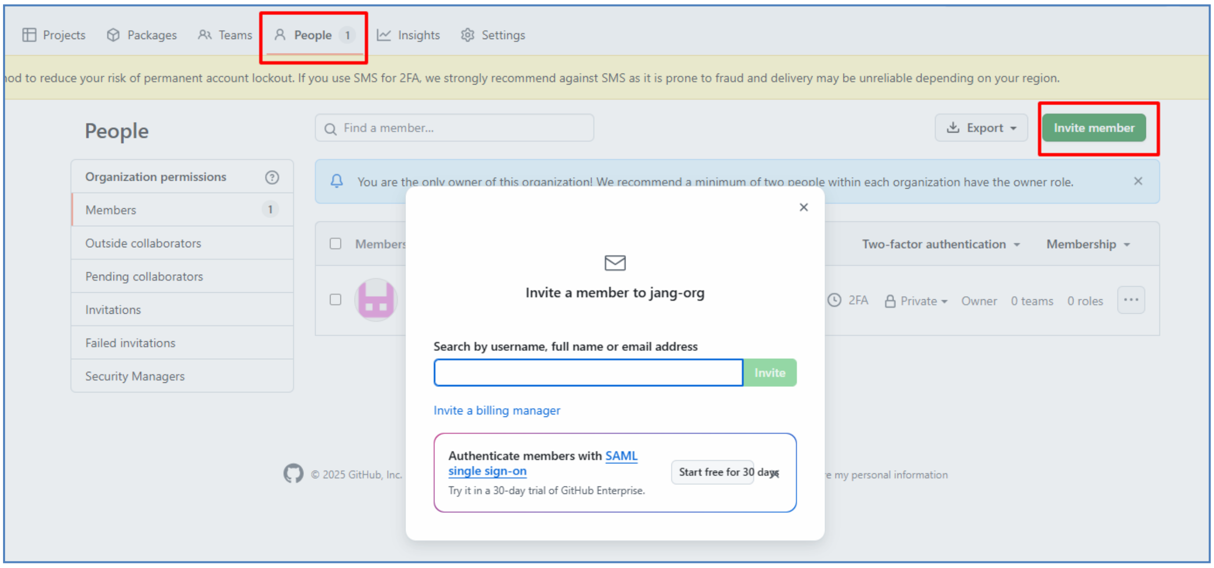
This organization belongs to:

● My personal account
I.e., 8253jang (BongBong)

○ A business or institution
For example: GitHub, Inc., Example Institute, American Red Cross

Verify your account

github 주소를 확인해보자 - https://github.com/kosta-295



od to reduce your risk of permanent account lockout. If you use SMS for 2FA, we strongly recommend against SMS as it is prone to fraud and delivery may be unreliable depending on your region.

You are the only owner of this organization! We recommend a minimum of two people within each organization have the owner role.

Invite a member to jang-org

Search by username, full name or email address

Authenticate members with SAML single sign-on
Try it in a 30-day trial of GitHub Enterprise.

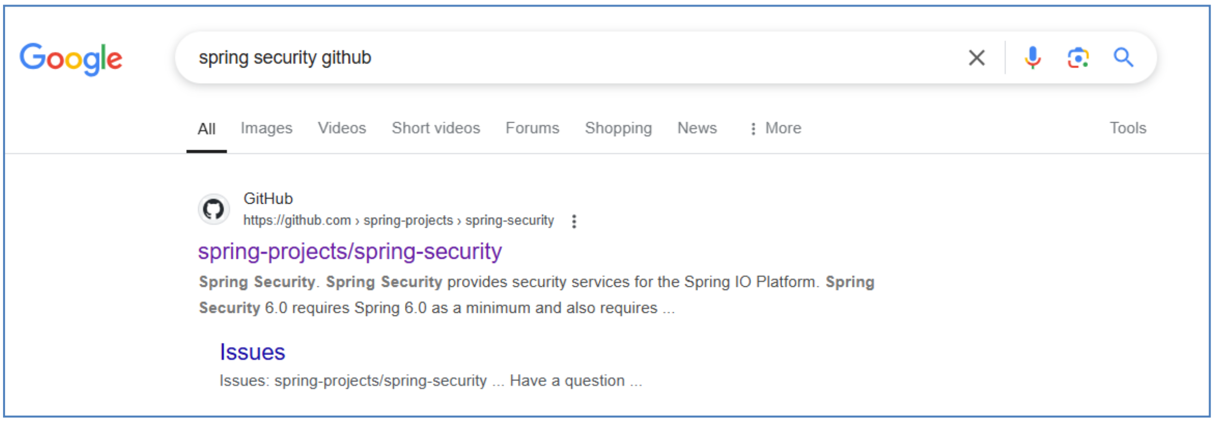
People > invite member 를 클릭해서 조원을 초대한다.

3.fork 방식

포크는 branch 를 생성해서 **push 할 수 있는 권한이 없는 외부 기여자가 Pull Request 하기 위한 목적으로 사용하는 방법**이다.

- ✓ PR 은 Repository 에 대한 권한이 없어도 요청 가능하다.
- ✓ 주로 Opensource 에 기여할 때에 일반적으로 사용하는 방식이다.

Spring security 는 오픈소스이므로 구글에서 검색을 통해 github 에 들어가 fork 해보자



spring security github

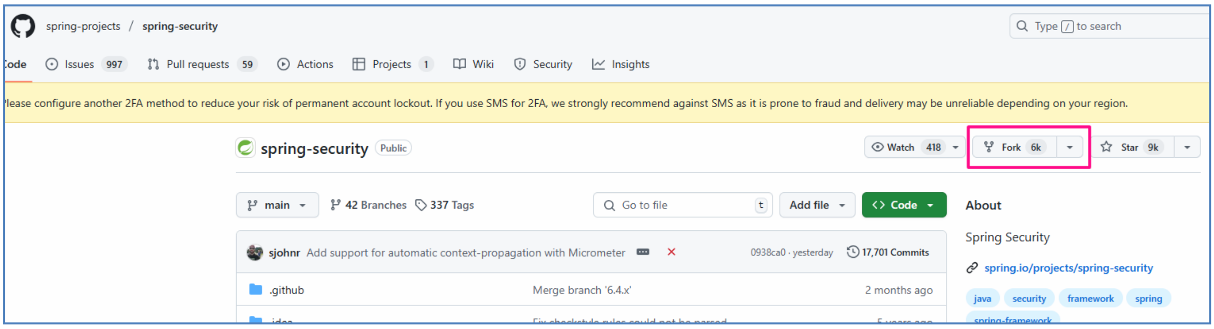
GitHub
https://github.com › spring-projects › spring-security

spring-projects/spring-security

Spring Security. Spring Security provides security services for the Spring IO Platform. Spring Security 6.0 requires Spring 6.0 as a minimum and also requires ...

Issues

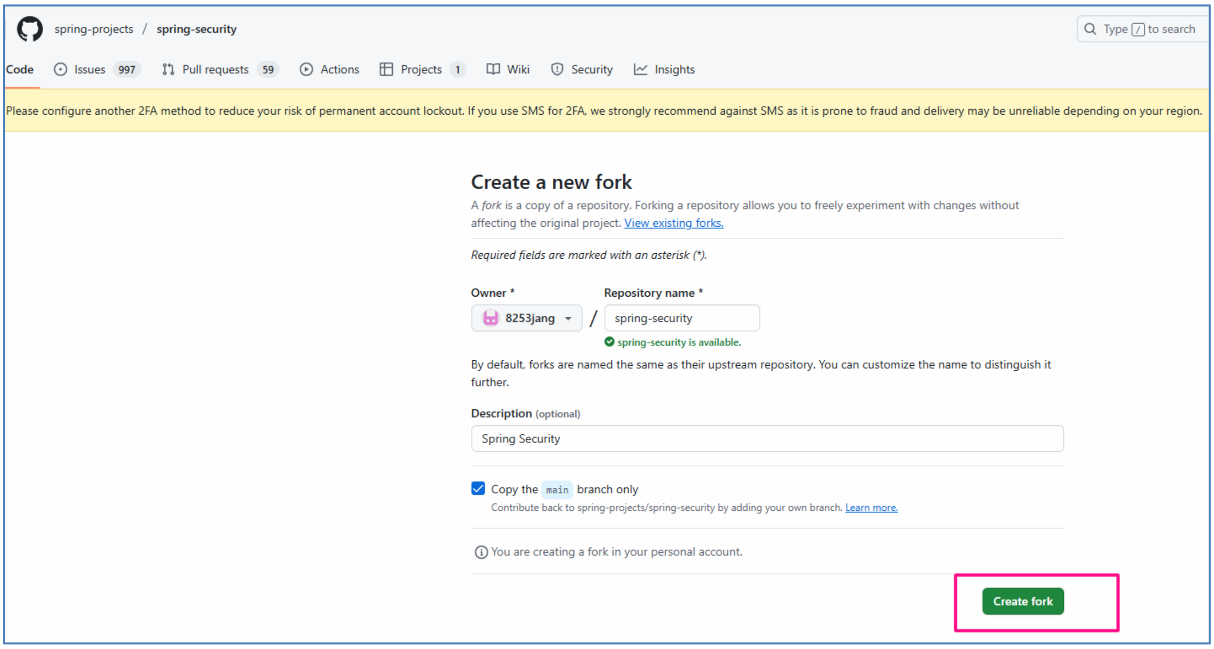
Issues: spring-projects/spring-security ... Have a question ...



lease configure another 2FA method to reduce your risk of permanent account lockout. If you use SMS for 2FA, we strongly recommend against SMS as it is prone to fraud and delivery may be unreliable depending on your region.

sjohnr Add support for automatic context-propagation with Micrometer 0938ca0 · yesterday 17,701 Commits

.github Merge branch '6.4.x' 2 months ago



Please configure another 2FA method to reduce your risk of permanent account lockout. If you use SMS for 2FA, we strongly recommend against SMS as it is prone to fraud and delivery may be unreliable depending on your region.

Create a new fork

A *fork* is a copy of a repository. Forking a repository allows you to freely experiment with changes without affecting the original project. View existing forks.

Required fields are marked with an asterisk (*).

Owner *: 8253jang / Repository name *: spring-security

spring-security is available.

By default, forks are named the same as their upstream repository. You can customize the name to distinguish it further.

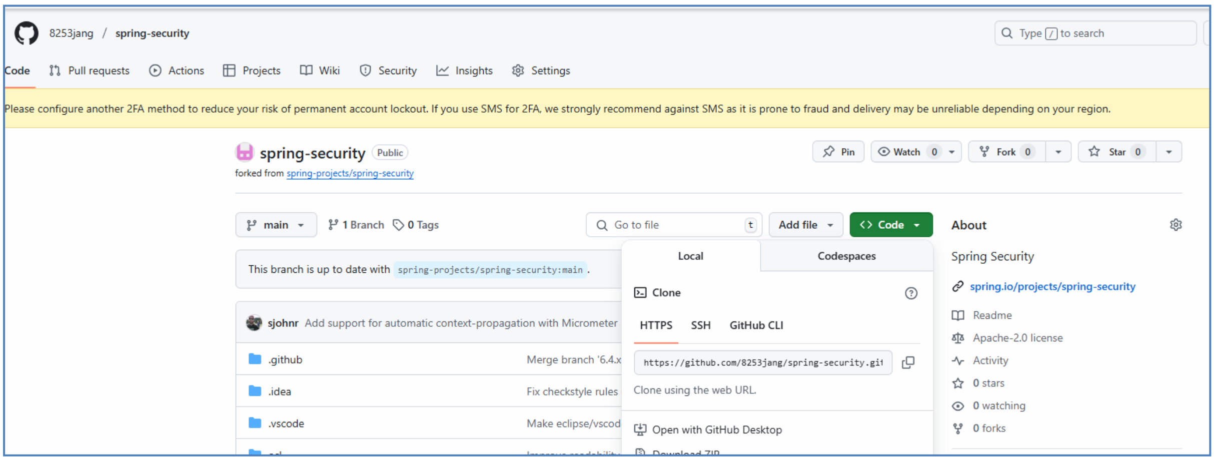
Description (optional): Spring Security

☑ Copy the `main` branch only

Contribute back to spring-projects/spring-security by adding your own branch. Learn more.

You are creating a fork in your personal account.

Create fork를 완료하고 나면 자신의 github에 spring-security Repository가 생긴다.



Please configure another 2FA method to reduce your risk of permanent account lockout. If you use SMS for 2FA, we strongly recommend against SMS as it is prone to fraud and delivery may be unreliable depending on your region.

forked from spring-projects/spring-security

This branch is up to date with `spring-projects/spring-security:main` .

sjohnr Add support for automatic context-propagation with Micrometer

.github Merge branch '6.4.x

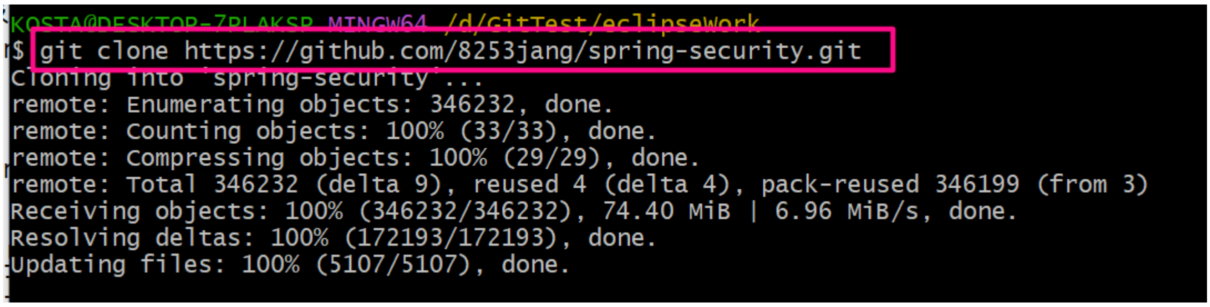
.idea Fix checkstyle rules

.vscode Make eclipse/vscod

```
https://github.com/8253jang/spring-security.git
```

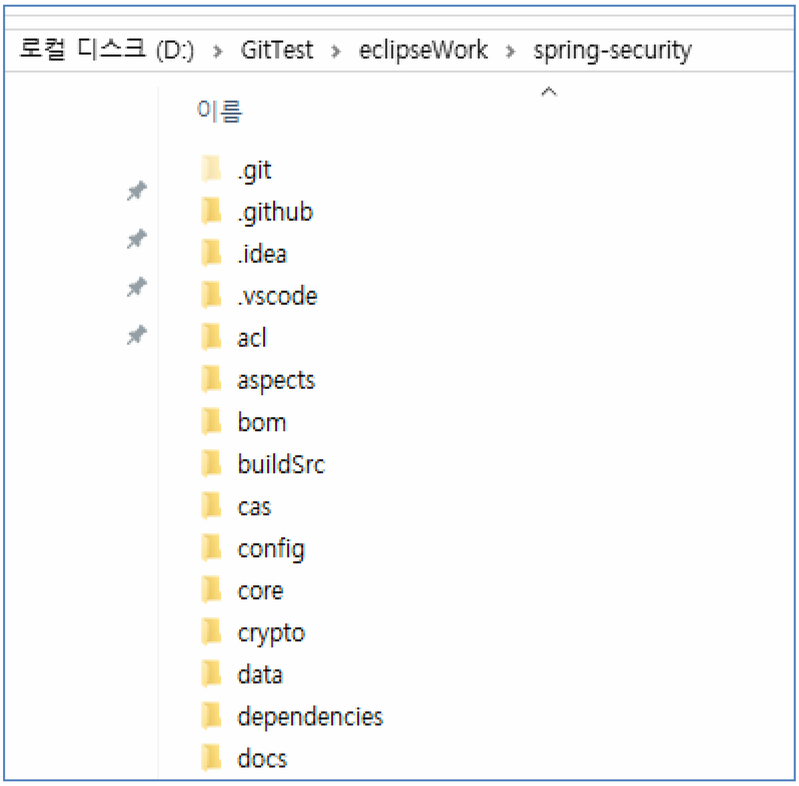
Clone using the web URL.

자신의 로컬 pc에 git clone한다.



```
KOSTA@DESKTOP-7PLAKSP MINGW64 /d/GitTest/eclipseWork
$ git clone https://github.com/8253jang/spring-security.git
Cloning into 'spring-security'...
remote: Enumerating objects: 346232, done.
remote: Counting objects: 100% (33/33), done.
remote: Compressing objects: 100% (29/29), done.
remote: Total 346232 (delta 9), reused 4 (delta 4), pack-reused 346199 (from 3)
Receiving objects: 100% (346232/346232), 74.40 MiB | 6.96 MiB/s, done.
Resolving deltas: 100% (172193/172193), done.
Updating files: 100% (5107/5107), done.
```

폴더에 생긴 프로젝트를 확인한다.

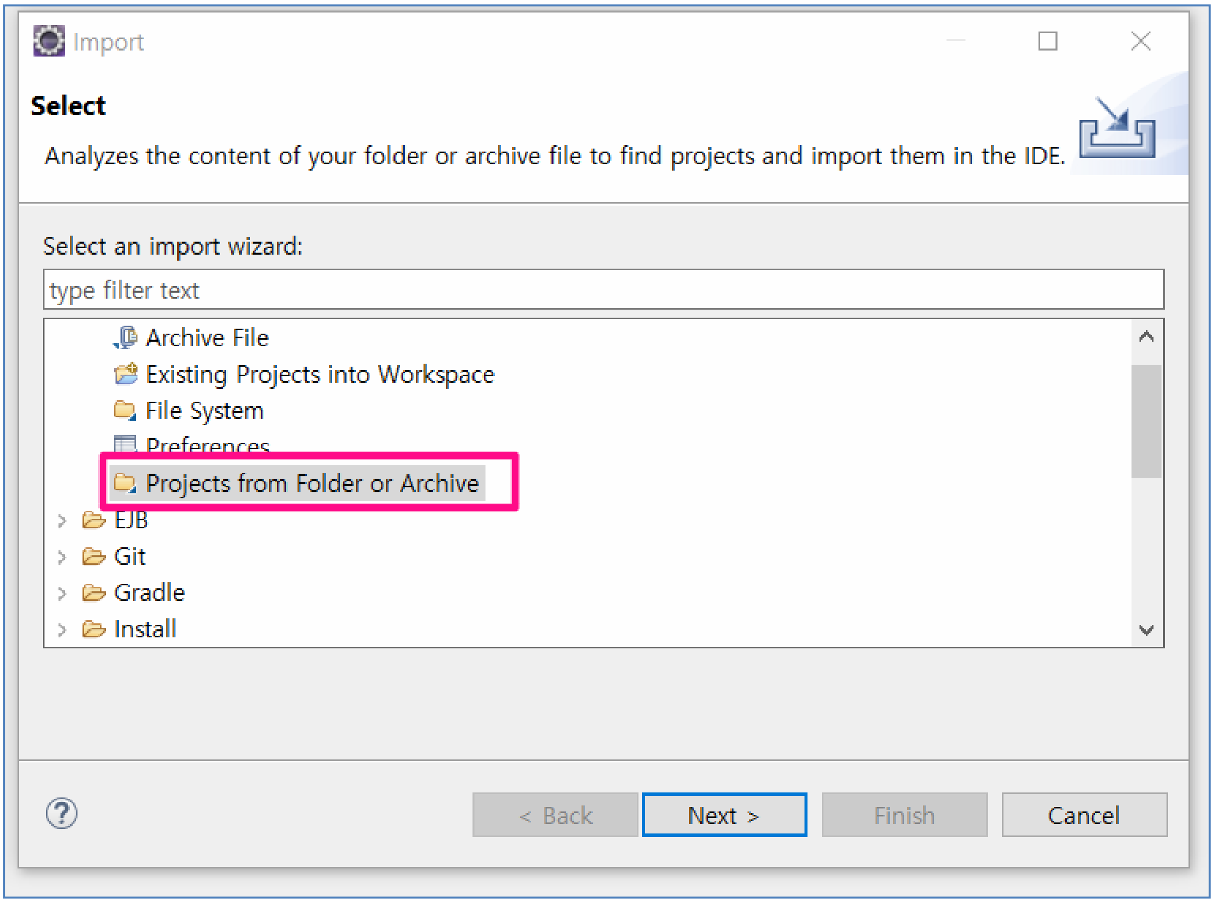


로컬 디스크 (D:) › GitTest › eclipseWork › spring-security

이름

.git
.github
.idea
.vscode
acl
aspects
bom
buildSrc
cas
config
core
crypto
data
dependencies
docs

프로젝트를 IDE로 import 한다.



Select

Analyzes the content of your folder or archive file to find projects and import them in the IDE.

Select an import wizard:

Fork한 프로젝트를 자신의 github에 push 하여 커밋 이력을 남기는 것은 얼마든지 할 수 있다. 변경된 정보를 spring-security에 기여하고 싶으면 pull Request를 요청한다.

Git tag관리

main 브랜치에서 tag 를 붙여 버전을 명시한다. 일반적으로 release(특정 버전의 소프트웨어를 배포하거나 배포 준비가 완료된 상태)를 하고자 할때 tag 사용한다.
사용자가 이용가능한 상태가 되었을 때 주로 release 한다.

관련 명령어

git tag 버전명(v1.0)
: 마지막 커밋을 대상으로 tag 설정

git tag -a v1.0 -m "message"
: tag 에 메시지 기록

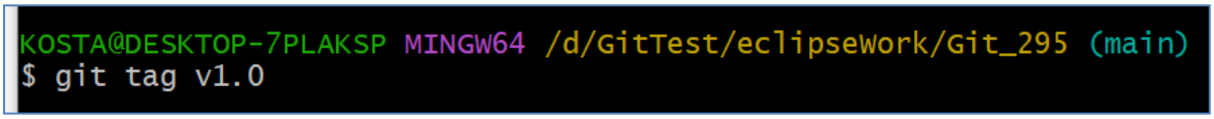
git push origin 버전명(v1.0)

: 소스코드 변경사항에 대한 commit, push 와는 상관없이 별개로 진행

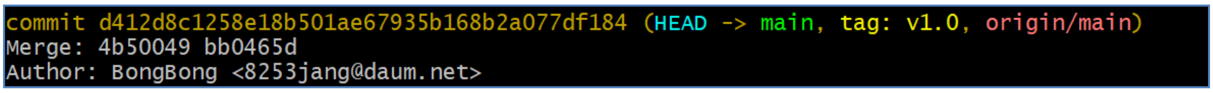
git tag

: 태그 목록 조회

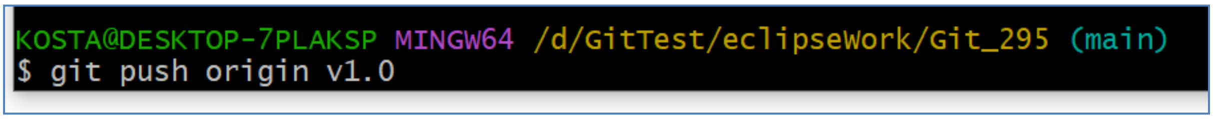
github 에 switch 된 branch 기준으로 tag 별 release 가 생성되고,
release 에는 source 코드가 압축파일로 생성된다.



```
KOSTA@DESKTOP-7PLAKSP MINGW64 /d/GitTest/eclipseWork/Git_295 (main)
$ git tag v1.0
```

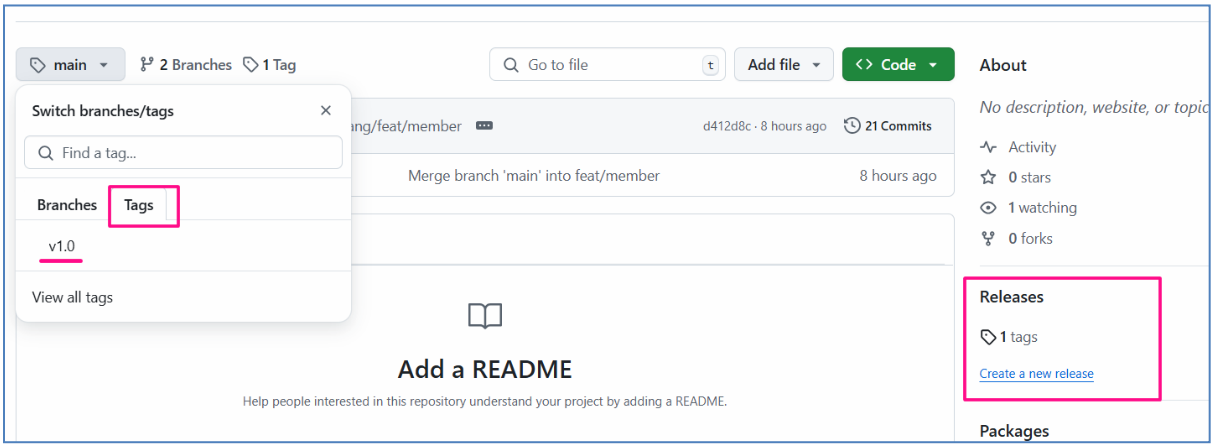


```
commit d412d8c1258e18b501ae67935b168b2a077df184 (HEAD -> main, tag: v1.0, origin/main)
Merge: 4b50049 bb0465d
Author: BongBong <8253jang@daum.net>
```

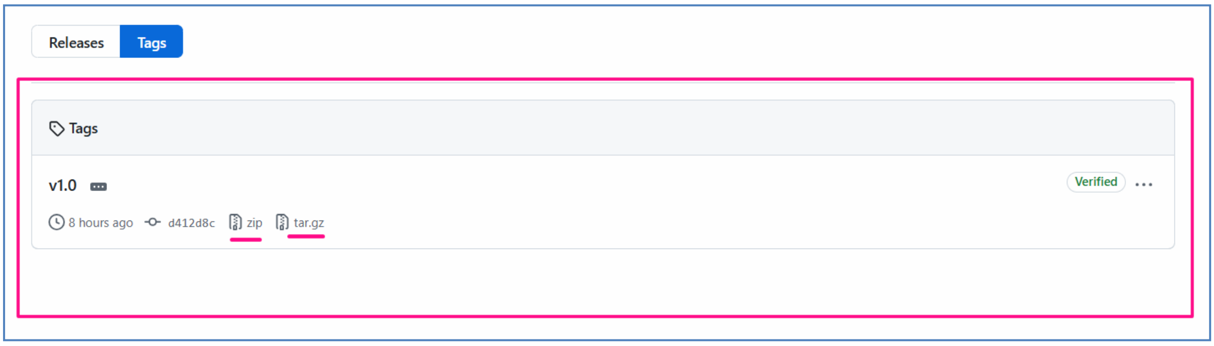


```
KOSTA@DESKTOP-7PLAKSP MINGW64 /d/GitTest/eclipseWork/Git_295 (main)
$ git push origin v1.0
```

Github에 저장소를 확인해본다.



8253jang@daum.net
장희정



Releases Tags

Tags

v1.0

8 hours ago d412d8c zip tar.gz

Verified