

SSH

#git

#ssh

ssh 인증서 생성

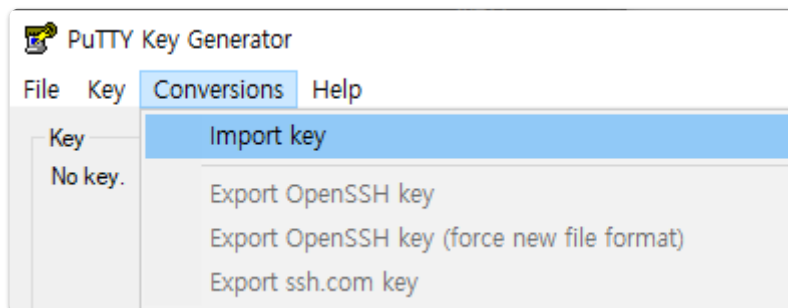
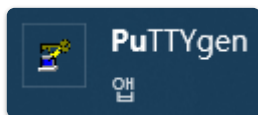
01. SSH

```
ssh-keygen -t rsa -b 4096 -C "개인 git 이메일" -f "ssh key 개인용"
ssh-keygen -t rsa -b 4096 -C "회사 git 이메일" -f "ssh key 회사용"
```

이름	수정한 날짜	유형	크기
ssh key official - gitlab	2024-05-02 오전 11:31	파일	3KB
ssh key official - gitlab.pub	2024-05-02 오전 11:31	Microsoft Publish...	1KB
ssh key personal - github	2024-05-02 오전 11:29	파일	3KB
ssh key personal - github.pub	2024-05-02 오전 11:29	Microsoft Publish...	1KB

02. SSH -> PPK

차후 GitTortoise에서 개별 Repository마다 설정시 필요



PutTY Key Generator

File Key Conversions Help

Key

Public key for pasting into OpenSSH authorized_keys file:

Key fingerprint:

Key comment:

Key passphrase:

Confirm passphrase:

Actions

Generate a public/private key pair Generate

Load an existing private key file Load

Save the generated key Save public key Save private key

Parameters

Type of key to generate:

☒ RSA ☐ DSA ☐ ECDSA ☐ EdDSA ☐ SSH-1 (RSA)

Number of bits in a generated key: 2048

- ssh key official - gitlab
- ssh key official - gitlab.pub
- ssh key personal - github
- ssh key personal - github.pub
- ssh key official - gitlab.ppk
- ssh key personal - github.ppk

Git clone - TortoiseGit

Clone Existing Repository

URL: Browse...

Directory: Browse...

☐ Depth 1 ☐ Recursive ☐ Clone into Bare Repo ☐ No Checkout

☐ Branch ☐ Origin Name

☒ Load Putty Key ssh key personal - github.ppk ...

SSH-Agent에 등록

02. Agent 확인

```
eval "$(ssh-agent -s)"
```

03. SSH Key 등록

```
ssh-add -K "[저장된 경로]/[Primary 키 이름]"
```

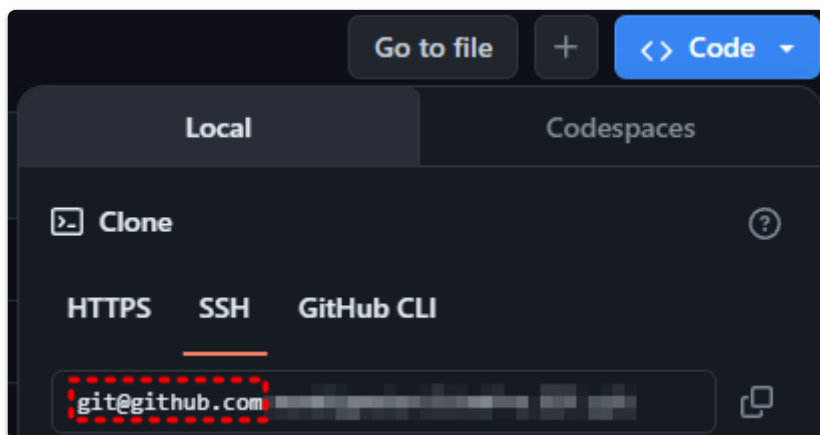
04. 등록 확인

```
$ ssh-add -l
```

SSH Config 추가

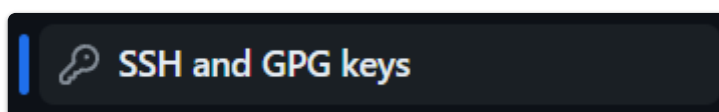
```
vi ~/.ssh/config
```

```
# Personal - Github
Host github.com
  HostName github.com
  User git
  IdentityFile "[저장한 경로]/ssh key personal - github"
```



- Host : ssh 접속할 때 github.com-me 로 들어오는 host (쉽게 부르기 위한 별명 개념)
- HostName : 해당 Host 명으로 들어왔을 때 실제로 연결되는 Host
- User : 맨 앞에 붙는 이름 (@ 앞 부분)
- IdentityFile : private 키 파일

Github SSH Pub Key 등록



🔗 파일 열지 않고 복사

```
clip < "[경로]/[ssh.pub]"
```

Add new SSH Key

Title

ssh key personal - github.pub

Key type

Authentication Key

Key

Begins with 'ssh-rsa', 'ecdsa-sha2-nistp256', 'ecdsa-sha2-nistp384', 'ecdsa-sha2-nistp521', 'ssh-ed25519', 'sk-ecdsa-sha2-nistp256@openssh.com', or 'sk-ssh-ed25519@openssh.com'

Add SSH key

Authentication keys



personal - github.pub

SHA256

Added on May 2, 2024

SSH

Last used within the last week — Read/write

Delete

연결 테스트

```
ssh -T [ ~/.ssh/config : Host ]
```

```
$ ssh -T git@github.com
Enter passphrase for key 'personal - github':
Hi newbigwater! You've successfully authenticated, but GitHub does not provide shell access.
```