

# Ubuntu Packaging Workshop

## Launchpad

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# 시작하기 전에

우분투 환경이 갖춰지지 않은 분들을 위한 테스트머신

**<https://github.com/kssim/2018-korea-ubuntu-packaging-workshop/blob/master/test-environment.md>**

# Launchpad

## Launchpad

- 오픈소스 프로젝트를 관리하기 위한 서비스
- 패키지 배포, 번역

# Launchpad

필요한 요소들

**ID**

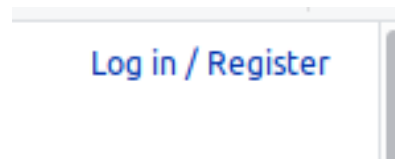
**PGP key**

**Ubuntu code of Conduct** 서명

# Sign Up

<http://launchpad.net>

**Sign in/register** 클릭



# Launchpad

## I am a new Ubuntu One user

클릭

Launchpad → log in with Ubuntu One

Please type your email:

☐ I am a new Ubuntu One user  
☒ I am a returning user and my password is:

[Log in](#) [Forgot your password?](#)



Launchpad → create Ubuntu One account

Please type your email:

☒ I am a new Ubuntu One user  
☐ I am a returning user

Please tell us your full name and choose a username and password:

☐ I have read and accept the [Ubuntu One terms of service](#)

[Create account](#)

# Generate PGP key

**launchpad** 에서 전자 서명을 하기 위해 사용  
암호화 방식 , 키 길이 , 유효기간을 담음  
사용자의 이름 , 메일

# Generate PGP key

```
sudo apt install haveged
```

-pgp 키 생성시 필요한 엔트로피 ( 랜덤 ) 를 위한 설정들 입니다 .



# Generate PGP key

**gpg --version ( 버전확인 )**

**gpg --gen-key #gpg1**

**gpg --full-gen-key #gpg2**

# Generate PGP Key

암호화 방식, 키길이,  
유효기간을 설정합니다.  
(기본값은 **Enter** 를  
치면 됩니다.)

```
▶gpg --full-gen-key
gpg (GnuPG) 2.1.15; Copyright (C) 2016 Free Software Foundation, Inc.
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.

Please select what kind of key you want:
  (1) RSA and RSA (default)
  (2) DSA and Elgamal
  (3) DSA (sign only)
  (4) RSA (sign only)
Your selection?
RSA keys may be between 1024 and 4096 bits long.
What keysize do you want? (2048)
Requested keysize is 2048 bits
Please specify how long the key should be valid.
    0 = key does not expire
    <n> = key expires in n days
    <n>w = key expires in n weeks
    <n>m = key expires in n months
    <n>y = key expires in n years
Key is valid for? (0)
Key does not expire at all
Is this correct? (y/N) y

GnuPG needs to construct a user ID to identify your key.
```

# Gerante Key

성함 , 이메일을 입력합니다 .

```
-----
GnuPG needs to construct a user ID to identify your key.

Real name: jinseok
Email address: jskim18@kookmin.ac.kr
Comment:
You selected this USER-ID:
    "jinseok <jskim18@kookmin.ac.kr>"

Change (N)ame, (C)omment, (E)mail or (O)kay/(Q)uit? 0
We need to generate a lot of random bytes. It is a good idea to perform
```

# Generate PGP key

런치 패드에 등록을 하기 위해 키를 업로드합니다 .

```
gpg --keyid-format short -k
```

```
gpg --send-key --keyserver keyserver.ubuntu.com  
[key-id]
```

# Break Time

키가 업로드 된뒤 몇 분이 지나야 진행이 가능합니다 .

# Sign Key

**launchpad** 에서 로그인을 합니다 .

OpenPGP keys: 

## Import an OpenPGP key

To start using an OpenPGP key with your Launchpad account, simply paste its fingerprint below.  
The key must be registered with the Ubuntu key server. ([How to get the fingerprint](#))

Fingerprint:

Example: 27E0 7815 B47C 0397 9805 8589 27D9 A27B F3F9 6058

Next, Launchpad will send email to you at jskim18@kookmin.ac.kr with instructions on finishing the process.

or [Cancel](#)

# Sign Key

업로드한 키의 핑거프린트를 확인합니다 .

**gpg --fingerprint -k**

```
pub  rsa2048 2018-03-30 [SC]
      DE81 46C3 2D74 AEBC 135E  2A0A C3CB 2873 E2AC C41F
uid          [ultimate] jinseok <jskim18@kookmin.ac.kr>
sub   rsa2048 2018-03-30 [E]
```

# Sign Key

이메일을 확인합니다 .

---Begin PGP Message---

---End PGP Message---

Hello,

This message contains the instructions for confirming registration of an OpenPGP key for use in Launchpad. The confirmation instructions have been encrypted with the OpenPGP key you have attempted to register. If you cannot read the unencrypted instructions below, it may be because your mail reader does not support automatic decryption of "ASCII armored" encrypted text.

Exact instructions for enabling this depends on the specific mail reader you are using. Please see this support page for more information:

<https://help.launchpad.net/ReadingOpenPgpMail>

For more general information on OpenPGP and related tools such as Gnu Privacy Guard (GPG), please see:

<https://help.ubuntu.com/community/GnuPrivacyGuardHowto>

-----BEGIN PGP MESSAGE-----

Version: GnuPG v1

```
hQEMA+si9R92+IuBAQf9Gd4frnltDpU+xqUTugVTXfVcAkWr2h3i18Gk2ONVxf
tmYRTauEG1KvJmKKVxDwIKLO+H2OKtXpJgeEURtuv+ZC1lWhVBMU+wULq2VlaizK
WYQpZPL8tE+RgyfmMt6mop0f9DDY6eL9hu66rnXJCiej4A7V2+BAAK/BKkoFM3GF
hqsxzS7hHaThpxpTurwJcCshPSk+3dmUhsnuvosmV950dk0QNdJTYQXX1qUsHKU6
lFkPw0005CaWVShcTSrvP1eJ8/mXm6tvrfd5Ffj8X+Lu8K/yF5/VBq2D+tTtLZQ
cLS2W7ayIkzwoM6WQjs4qjMFTybENM4M39a5MqJHFNLATAGQI4ULf1JvA8vXofcp
cAaQHMHHzrYsWPLwL/bjUOHo7bg9uvatDm2rKMKIriSfc7AiSq1hgdKKnCgX0s5
2PvSp2QLVzuPKxmAeCI3Z76HudyOnx+vkh8oxUv05QcP2RkLJaVTCL3htyPhmsFV
sRTEaWeoSqc0DK26h1Yz6BqjHr3T58tWVC/3m4A9X4Lx8mmi88VyYfLiH+16y1DY
JvY+0Pw7r70KI+Qa0B08nLltumNRW2zA1E4iXq67Dy0zV8tg56Gdf25atD3LDTW1
kkcn9DqQ5w7qNQ69hZE17VapPmpWzswIniZ4xFO38pksD/ABGJ5uhyR8oXR4KvTi
gghj0JYeOfwKKWgn1KIh2ZzsIZCcIF1kHvDYpw+TzPAfzwRxjpEiwXf6QntwkC2E
haUSbVARzclz0L3210wrTsQ17z1FW4WIX0H5zhydqU4XzV7mxQXA0ByVn8/bnX2j
0Jl9WRk9jHw3QaQ1sFFaYrr2d130UQ==
```

=v27/

-----END PGP MESSAGE-----

Thanks,

The Launchpad Team



# Sign Key

## gpg --decrypt

복사한 내용을 붙여 넣습니다 .

맨 아래의 링크로 들어가 키 등록을  
끝냅니다 .

```
-----BEGIN PGP MESSAGE-----
Version: GnuPG v1

hQEMA+s19R92+IuBAQf9Gd4frnltDpU+xqUTugVTXVFcakWr2h3i1i8Gk20NVxf
tmYRTauEG1KvJmKkVxDwikL0+H20KtXpJgeEURluV+ZCllWhVBMU+wULq2VlaiZk
WYQpZPL8tE+RgyfmMt6mop0f9DDY6eL9hu66rnXJCiej4A7V2+B4AK/BKkoFW3GF
hqsZxS7hHaThpxpTurwJcCshPSK+3dmUhsnuvosmV950dk0qNdJTYQXX1qUshKU6
lfkPwD005CaWrVShcTSrvP1eJ8/mXm6tvrFD5Ffj8X+Lu8K/yF5/VBq2D+tTtLZQ
cLS2W7ayIkzwoM6WQjs4qjMfTybENM4M39a5MqJHFNLatAGQi4ULf1JvA8vXofcp
cAaOHHHHZrYSwPLwL/bjU0Ho7bgg9uvatDm2rKMKIriSfc7AiSq1hgdkKnCgX0s5
2PvSp2QLVzuPkxmAeCI3Z76HUdy0nx+vkh8oxUv05QcP2Rk1JaVTCL3htyPHmsFV
sRTEaWeoSqc0DK26h1Yz6BqjHr3T58tWVC/3m4A9X4lx8mm1B8VyYfLiM+16y1DY
JVY+OPw7r70KI+Qa0B08nLltumNRW2zA1E4iXq67Dy0zV8tgS6Gdf25atD3lD7W1
kkcn9DqQ5w7qNQ69hZE17VapPmpWzsw1niZ4xF038pksD/ABGJ5uhyR8oXR4KvTi
gghj0JYe0fWKKWgn1KIh2ZzsIZCciF1kHvDYpw+TzPafzWRxpEiwXf6QWtwkc2E
haUSbVARzc1zoL3210wrTsQ17z1FW4WIX0H5zhydqu4XzV7mxQXA0ByVn8/bnX2j
0Jl9WRk9jHw3QaQ1sFFaYrr2d130UQ==
=v27/
-----END PGP MESSAGE-----gpg: encrypted with 2048-bit RSA key, ID EB22F51F76F88B81, created 2018-03-30
"jinseok <jskim18@kookmin.ac.kr>"

Here are the instructions for confirming the OpenPGP key registration that we
received for use in Launchpad.

Requester details:

  User name   : jinseok
  Email address: jskim18@kookmin.ac.kr

Key details:

  Key type      : 2048R
  Fingerprint   : DE8146C32D74AEBC135E2A0AC3CB2873E2ACC41F

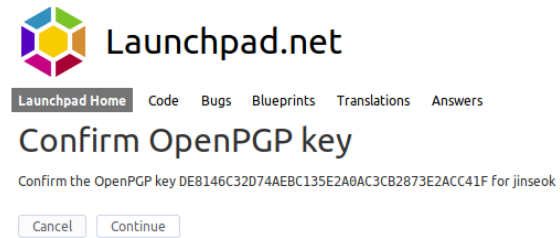
UIDs:
  jskim18@kookmin.ac.kr

Please go here to finish adding the key to your Launchpad account:

  https://launchpad.net/token/WLkJDrrw2JhT4KN72bQK
```

# Key Sign

**Continue** 를 눌러 주세요 .



# Sign to Ubunt Code of Conduct

런치패드에서 패키지를 올리거나 번역을 하기 위해 서명을 해야합니다 .  
오픈 소스에서 갖춰야할 행동 강령이 담겨져있습니다 .

원어 : <https://www.ubuntu.com/community/code-of-conduct>

한국어 번역본 :

<https://wiki.ubuntu-kr.org/index.php/Ubuntu-code-of-conduct>

신민욱 번역

# Sign to Ubuntu Code of Conduct

## Ubuntu Code of Conduct 다운로드

**wget -O UbuntuCodeofConduct**  
**<https://launchpad.net/codeofconduct/2.0/+download>**

**Curl -O UbuntuCodeofCounduct**  
**<https://launchpad.net/codeofconduct/2.0/+download>**

# Sign to Ubunt Code of Conduct

전자서명

```
gpg --default [keyname or keyE-mail]  
--clearsign UbuntuCodeofCounduct
```

```
cat UbuntuCodeofConduct
```

결과 내용을 복사 해주세요 .

# Sign to Ubuntu Code of Conduct

**Sign it** 을 선택합니다 .



## Sign the Ubuntu Code of Conduct

Ubuntu community members may commit to observing the Ubuntu Code of Conduct by signing it online:

1. [Register an OpenPGP key.](#)

It appears you have already done this. 3 keys are registered on your account. You can skip to the next step if you are not intending on signing with a different key.

2. [Download the current Code of Conduct.](#)

3. [Sign it!](#)

## Older (obsolete) versions of the Code of Conduct

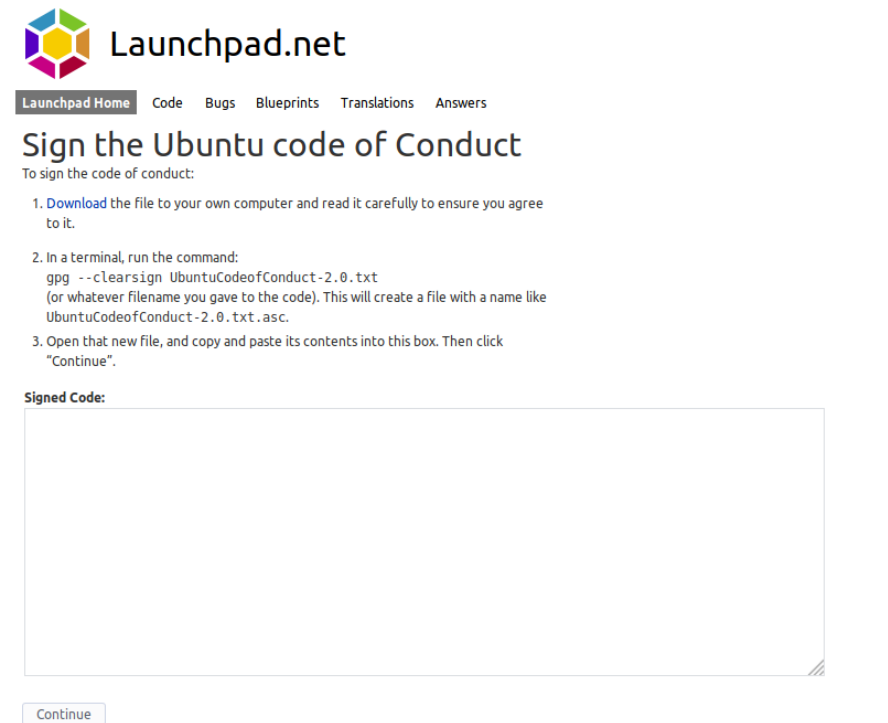
[Ubuntu Code of Conduct - 1.0.1](#)

[Ubuntu Code of Conduct - 1.1](#)

[Ubuntu Code of Conduct - 1.0](#)

# Sign to Ubuntu Code of Conduct

**Signed Code** 에 붙여넣습니다 .  
그리고 **Continue** 를 클릭합니다 .



The screenshot shows the Launchpad.net website with the title 'Sign the Ubuntu code of Conduct'. It includes instructions on how to sign the code of conduct, such as downloading the file and running a command in a terminal. Below the instructions is a large text area labeled 'Signed Code:' for pasting the signed content, and a 'Continue' button at the bottom.

Launchpad.net

[Launchpad Home](#) [Code](#) [Bugs](#) [Blueprints](#) [Translations](#) [Answers](#)

## Sign the Ubuntu code of Conduct

To sign the code of conduct:

1. [Download](#) the file to your own computer and read it carefully to ensure you agree to it.
2. In a terminal, run the command:  

```
gpg --clearsign UbuntuCodeofConduct-2.0.txt
```

  
(or whatever filename you gave to the code). This will create a file with a name like `UbuntuCodeofConduct-2.0.txt.asc`.
3. Open that new file, and copy and paste its contents into this box. Then click "Continue".

**Signed Code:**

[Continue](#)

끝입니다 .