

Cloud SDK To Genomics Command

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Developer Tools



Cloud SDK

Command-line interface for Google Cloud Platform products and services



Deployment Manager

Create and manage cloud resources with simple templates



Cloud Source Repositories BETA

Fully-featured private Git repositories hosted on Google Cloud Platform



Cloud Endpoints

Create RESTful services from your code and make them accessible to iOS, Android, and Javascript clients using App Engine

Colud SDK 와 Genomics Command 서기

1. [Download and install the Cloud SDK.](#)
2. Initialize the Cloud SDK.
3. After you have run `gcloud init` , install the Genomics commands:

1. Cloud SDK 다운 및 설치

설치 되어야 하는 것들..

- * 파이썬 2.7.x
- * 도구에 따라 추가적인 SDK가 필요

1. Cloud SDK 다운 및 설치

아래의 3가지 방법 중 한가지를 선택해 주세요. (우분투는 3번째를 선택해야 ..)

Installation options

Do one of the following to install the SDK:

- Download a [versioned archive](#) of any release, including previous releases
- Run the [interactive installer](#) to download and install the latest release
- Use `apt-get` (Debian and Ubuntu only) to download and install the latest release

Interacitve installer 가 사용자의 편의성을 위해 만들어 졌다고 해서 2번째 방법으로 설치를 함.

1. Cloud SDK 다운 및 설치

Mac OS ..

LINUX **MAC OS X** WINDOWS

1. Enter the following at a command prompt:

```
$ curl https://sdk.cloud.google.com | bash
```

2. Restart your shell:

```
$ exec -l $SHELL
```

3. Run `gcloud init` to initialize the `gcloud` environment:

```
$ gcloud init
```

우분투 사용자는 아래를 참조해주세요..

<https://cloud.google.com/sdk/docs/quickstart-debian-ubuntu>

1. Cloud SDK 다운 및 설치

```
[leeui-MacBook-Pro:~ lee$ curl https://sdk.cloud.google.com | bash
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total     Spent    Left     Speed
100  421    0  421    0    0   549      0 --:--:-- --:--:-- --:--:--   548
Downloading Google Cloud SDK install script: https://dl.google.com/dl/cloudsdk/channels/rapid/install_google_cloud_sdk.bash
##### 100.0%
Running install script from: /var/folders/pm/73f7jmkj4g9bwz8c8nts6pwc0000gn/T/tmp.XXXXXXXXXX.bi5R161S/install_google_cloud_sdk.bash
which curl
curl -# -f https://dl.google.com/dl/cloudsdk/channels/rapid/google-cloud-sdk.tar.gz
##### 100.0%

Installation directory (this will create a google-cloud-sdk subdirectory) (/Users/lee): bigBio
```

bigBio라는 디렉토리를 아래에 sdk 파일들을 만듦

```
Do you want to help improve the Google Cloud SDK (Y/n)? Y
```

Y를 해주면 Big Query , Storage 커맨드 라인을
지원해줍니다.

1. Cloud SDK 다운 및 설치

```
Modify profile to update your $PATH and enable shell command completion? (Y/n)? Y
```

gcloud init 명령어를 사용 하도록 profile 파일을 수정합니다.

```
Enter a path to an rc file to update, or leave blank to use [/Users/lee/.bash_profile]:
```

Enter ~~~

1. Cloud SDK 다운 및 설치

```
exec -l $SHELL
```

```
gcloud init
```

상단의 명령어를 순서대로 입력하면 아래와 같이
프로젝트의 생성 요청을 합니다. (프로젝트를
생성한 분들은 아마
이런 문구가 안나올듯 하네요 ^^;)

Please create one in developers console (<https://console.developers.google.com/project>) before running this command.

2. SDK 인증 및 설정

로그인을 하신다고 생각하면 됩니다.

```
gcloud init
```

```
[core]
account = hiiln0273@gmail.com
disable_usage_reporting = False

Pick configuration to use:
  [1] Re-initialize this configuration [default] with new settings
  [2] Create a new configuration
Please enter your numeric choice: 1
```

```
Choose the account you would like use to perform operations for this
configuration:
  [1] hiiln0273@gmail.com
  [2] Log in with a new account
Please enter your numeric choice: 1

You are now logged in as: [hiiln0273@gmail.com]
```

기존과 동일한 아이디라면 1번을 선택하세요~

3. Genomics commands 설치

```
gcloud components install alpha
```

```
Do you want to run install instead (y/N)? y
```

```
Do you want to continue (Y/n)? Y
```

Update done!

Q & A