

ENKIM enkim.edu@gmail.com

프로그램을 실행 파일(.exe) 파일로 만들기

pyinstaller installation

C:\Users\TEST>pip install pyinstaller

Collecting pyinstaller

Downloading

https://files.pythonhosted.org/packages/56/68/fcf288abb7985d17c4d5802aa76cbc6e00cd85d084230338cf4ef8696a 38/pyinstaller-4.4.tar.gz (3.8MB)

100% | 3.8MB 8.6MB/s

...

You should consider upgrading via the 'python -m pip install --upgrade pip' command.

C:\Users\TEST>cd c:\python

dist 라는 디렉토리가 새로 만들어지며 dist의 모든 파일들이 필요하게 됨

c:₩python>pyinstaller test.py

2250 INFO: Pylnstaller: 4.4 2250 INFO: Python: 3.7.0 (conda)

2250 INFO: Platform: Windows-10-10.0.19041-SP0

. . .

11513 INFO: Building COLLECT COLLECT-00.toc

12498 INFO: Building COLLECT COLLECT-00.toc completed successfully.

dist에 한 개의 실행파일만 생성됨 python이 설치되어 있지 않은 pc에서도 사용 가능

c:\python>pyinstaller -F .\test.py

2077 INFO: Pylnstaller: 4.4 2077 INFO: Python: 3.7.0 (conda)

2077 INFO: Platform: Windows-10-10.0.19041-SP0

2077 INFO: wrote c:\python\text.spec 2096 INFO: UPX is not available.

2109 INFO: Extending PYTHONPATH with paths

• • •

11359 INFO: Updating resource type 24 name 1 language 0

11359 INFO: Appending archive to EXE c:\python\dist\text{\test.exe}

15625 INFO: Building EXE from EXE-00.toc completed successfully.



Python 오라클 연동 [with local database]

(base) C:\Windows\system32>conda install -c https://conda.anaconda.org/anaconda cx_oracle

Solving environment: done

==> WARNING: A newer version of conda exists. <==

current version: 4.5.11 latest version: 4.10.3

Please update conda by running

\$ conda update -n base -c defaults conda

Package Plan

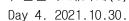
environment location: C:\Users\WORK\Anaconda3

added / updated specs:

- cx_oracle

The following packages will be downloaded:

package	build	
jpeg-9b	vc14h4d7706e_1	313 KB anaconda
cryptography-3.1.1	py37h7a1dbc1_0	585 KB anaconda
zlib-1.2.11	vc14h1cdd9ab_1	117 KB anaconda
vs2015_runtime-14.16.27012	hf0eaf9b_3	2.4 MB anaconda
libpng-1.6.37	h2a8f88b_0	598 KB anaconda
libssh2-1.8.0	vc14hcf584a9_2	748 KB anaconda
openssI-1.1.1h	he774522_0	5.8 MB anaconda
krb5-1.16.4	hc04afaa_0	832 KB anaconda
yaml-0.1.7	vc14h4cb57cf_1	103 KB anaconda
qt-5.9.7	vc14h73c81de_0	92.3 MB anaconda
conda-package-handling-1.7.2	py37h76e460a_0	815 KB anaconda
icu-58.2	vc14hc45fdbb_0	21.9 MB anaconda
cx_oracle-8.0.1	py37h62dcd97_0	197 KB anaconda
libcurl-7.64.0	h2a8f88b_2	283 KB anaconda
hdf5-1.10.1	vc14hb361328_0	33.5 MB anaconda
snappy-1.1.7	vc14h2dea872_1	81 KB anaconda
certifi-2020.6.20	py37_0	160 KB anaconda
libiconv-1.15	vc14h29686d3_5	658 KB anaconda
bzip2-1.0.6	vc14hdec8e7a_1	145 KB anaconda
cur I-7.55.1	vc14hdaba4a4_3	328 KB anaconda
sqlite-3.33.0	h2a8f88b_0	1.3 MB anaconda
Izo-2.10	vc14h0a64fa6_1	154 KB anaconda
pycur I-7.43.0.2	py37h7a1dbc1_0	181 KB anaconda
conda-4.9.0	py37_0	3.1 MB anaconda



0



ENKIM enkim.edu@gmail.com ca-certificates-2020.10.14

159 KB anaconda

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Total: 166.5 MB

The following NEW packages will be INSTALLED:

conda-package-handling: 1.7.2-py37h76e460a_0 anaconda cx_oracle: 8.0.1-py37h62dcd97_0 anaconda krb5: 1.16.4-hc04afaa_0 anaconda

The following packages will be UPDATED:

ca-certificates:	2018.03.07-0	> 2020.10.14-0	anaconda
certifi:	2018.8.24-py37_1	> 2020.6.20-py37_0	anaconda
conda:	4.5.11-py37_0	> 4.9.0-py37_0	anaconda
cryptography:	2.3.1-py37h74b6da3_0	> 3.1.1-py37h7a1dbc1_0	anaconda
libcurl:	7.61.0-h7602738_0	> 7.64.0-h2a8f88b_2	anaconda
libpng:	1.6.34-h79bbb47_0	> 1.6.37-h2a8f88b_0	anaconda
openssI:	1.0.2p-hfa6e2cd_0	> 1.1.1h-he774522_0	anaconda
pycurl:	7.43.0.2-py37h74b6da3_0	> 7.43.0.2-py37h7a1dbc1_0	anaconda

5.9.6-vc14h1e9a669_2 --> 5.9.7-vc14h73c81de_0 anaconda [vc14] qt: --> 3.33.0-h2a8f88b_0 sqlite: 3.24.0-h7602738_0 anaconda

vs2015_runtime: 14.15.26706-h3a45250_0 --> 14.16.27012-hf0eaf9b_3 anaconda

The following packages will be DOWNGRADED:

bzip2:	1.0.6-hfa6e2cd_5	> 1.0.6-vc14hdec8e7a_1	anaconda [vc14]
curl:	7.61.0-h7602738_0	> 7.55.1-vc14hdaba4a4_3	anaconda [vc14]
hdf5:	1.10.2-hac2f561_1	> 1.10.1-vc14hb361328_0	anaconda [vc14]
icu:	58.2-ha66f8fd_1	> 58.2-vc14hc45fdbb_0	anaconda [vc14]
jpeg:	9b-hb83a4c4_2	> 9b-vc14h4d7706e_1	anaconda [vc14]
libiconv:	1.15-h1df5818_7	> 1.15-vc14h29686d3_5	anaconda [vc14]
libssh2:	1.8.0-hd619d38_4	> 1.8.0-vc14hcf584a9_2	anaconda [vc14]
zo:	2.10-h6df0209_2	> 2.10-vc14h0a64fa6_1	anaconda [vc14]
snappy:	1.1.7-h777316e_3	> 1.1.7-vc14h2dea872_1	anaconda [vc14]
yaml:	0.1.7-hc54c509_2	> 0.1.7-vc14h4cb57cf_1	anaconda [vc14]
zlib:	1.2.11-h8395fce_2	> 1.2.11-vc14h1cdd9ab_1	anaconda [vc14]

Proceed ([y]/n)? y

Downloading and Extracting Packages

jpeg-9b	313 KB	- 1	************************************	100%
cryptography-3.1.1	585 KB		************************************	100%
zlib-1.2.11	117 KB		#######################################	100%
vs2015_runtime-14.16	2.4 MB		#######################################	100%
libpng-1.6.37	598 KB		#######################################	100%
libssh2-1.8.0	748 KB		#######################################	100%
openssI-1.1.1h	5.8 MB		#######################################	100%
krb5-1.16.4	832 KB		#######################################	100%
yaml-0.1.7	103 KB		#######################################	100%
qt-5.9.7	92.3 MB		#######################################	100%
conda-package-handli	815 KB		#######################################	100%

icu-58.2 | 21.9 MB |

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Verifying transaction: done Executing transaction: done ENKIM enkim.edu@gmail.com

cx_oracle-8.0.1 | 197 KB libcurl-7.64.0 | 283 KB hdf5-1.10.1 | 33.5 MB snappy-1.1.7 | 81 KB certifi-2020.6.20 | 160 KB libiconv-1.15 | 658 KB bzip2-1.0.6 I 145 KB | 328 KB cur I-7.55.1 salite-3.33.0 1 1.3 MB Izo-2.10 I 154 KB pycur I-7.43.0.2 I 181 KB conda-4.9.0 1 3.1 MB ca-certificates-2020 | 159 KB Preparing transaction: done

₩로 만들기/데이터베이스 접속 선택 X Name ora01@local 접속 이름 접속 세부정보 Ø Color ora01@local ora01@//local... 데이터베이스 유형 Oracle 🕶 사용자 정보 프록시 사용자 인증 유형 기본값 ▼ 사용자 이름(<u>U</u>) ora01 롤(L) 기본값 비밀번호(<u>P</u>) ••••• ☑ 비밀번호 저장(V) 접속 유형(Y) 기본 세부정보 고급 호스트 미르(A) localhost 포트(R) 1521 SID(I) xe ○ 서비스 이름(E) 상태: 도움말(H) 저장(S) 지우기(C) 테스트(工) 접속(0) 취소

```
import cx_Oracle
os.putenv('NLS_LANG', 'KOREAN_KOREA.K016MSWIN949')
con1 = cx_Oracle.connect("oraO1/oracle_4U@localhost:1521/xe")
cur = con1.cursor()
cur.execute(''
            select empno, ename, job, deptno, sal
            from emp e
            where sal >= (select avg(sal)
                          from emp
                          where deptno = e.deptno)''')
qdata = [empno for empno in cur]
empno = [x[0] for x in qdata]
ename = [x[1]] for x in qdata]
job = [x[2] for x in qdata]
cur.close()
con1.close()
```



Python 오라클 연동 [with cloud database]

[Ref . https://www.oracle.com/database/technologies/appdev/python/quickstartpython.html#copy]

1. 명령 프롬프트 관리자 모드로 실행 및 install cx_Oracle (기존 설치 파일 존재)

C:\Windows\system32>python -m pip install cx_Oracle --upgrade --user Python

2. install the Oracle Inatance Client Basic Package

```
2.1 새로운 폴더 생성 -> c:\oracle
C:\oracle
```

2.2 새롭게 생성한 위치에 Oracle instant Client Basic Package

C:WoracleWinstantclient_19_11

3. eWallet 압축 풀기

3.1 C:₩oracle₩instantclient_19_11 디렉토리에 network₩admin 디렉토리 생성

C:WoracleWinstantclient_19_11WnetworkWadmin

3.2 C:₩oracle₩instantclient_19_11₩network₩admin 에서 전자지갑 압축풀기

4. python application 만들기

```
import cx_Oracle
```

```
cx_Oracle.init_oracle_client(lib_dir=r"C:\woracle\winstantclient_19_11")
```

```
connection = cx_Oracle.connect(user='ora01', password='oracle_4U2021', dsn='edudb3_high')
```

cursor = connection.cursor()

```
cursor.execute('''
select empno, ename, job, deptno, sal
from emp e
where sal >= (select avg(sal)
from emp
where deptno = e.deptno)''')
```

```
qdata = [empno for empno in cursor]
```

```
empno = [x[0]] for x in qdata]
ename = [x[1]] for x in qdata]
job = [x[2]] for x in qdata]
```

Create a table

cursor.execute("create table pytab (id number, data varchar2(20))")

Insert some rows

```
rows = [ (1, "First" ),
(2, "Second" ),
(3, "Third" ),
(4, "Fourth" ),
(5, "Fifth" ),
```



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```
(6, "Sixth"),
(7, "Seventh")]
cursor.executemany("insert into pytab(id, data) values (:1, :2)", rows)
cursor.execute(""
select *
from pytab"")
qdata2 = [py for py in cursor]
id = [x[0] \text{ for } x \text{ in } qdata2]
data = [x[1] \text{ for } x \text{ in } qdata2]
# sql developer 영역에서는 확인 불가
# uncomment to make data persistent
connection.commit()
# commit 후 sql developer 영역 확인 가능
#%%
import pandas as pd
query = '''
select *
from emp
df_emp = pd.read_sql(query,connection)
df_emp.columns
df_emp.head()
df_emp['EMPNO'].head()
df_emp['EMPNO'].head(10)
df_emp[['EMPNO','ENAME']].head()
df_emp[['EMPNO', 'ENAME']].head(10)
df_emp[df_emp.SAL >= 1800]
# error
df_emp[df_emp.SAL >= 1800 & df_emp.SAL <= 2900]
# 1500 이상 2900 이하 급여를 받는 사원들에 대한 정보 확인
```

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 $df_emp[(df_emp.SAL >= 1500) & (df_emp.SAL <= 2900)]$



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import cx_Oracle

```
cx_Oracle.init_oracle_client(lib_dir=r"C:\woracle\winstantclient_19_11")
connection = cx_Oracle.connect(user='ora01', password='oracle_4U2021', dsn='edudb3_high')
cursor = connection.cursor()
#%% data frame 생성
import cx_Oracle
from sqlalchemy import types, create_engine
import pandas as pd
data = {'name':['Lee', 'Hwang', 'Kim', 'Choi'],
     'score':[100, 95, 80, 85],
     'grade':['A', 'A', 'B', 'B']
df = pd.DataFrame(data)
# 데이터 타입 확인
type(df)
cursor.execute(""create table test_tname (name varchar2(10)
                            , score number(5,2)
                            , grade varchar2(3))'")
test_list = df.values.tolist()
print(test_list)
cursor.executemany("insert into test_tname(name,score,grade) values (:1, :2, :3)", test_list)
connection.commit()
cursor.close()
connection.close()
```

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mac OSX 에 cx_Oracle 설치

Building wheels for collected packages: cx-Oracle
Running setup.py bdist_wheel for cx-Oracle ... done

Stored in directory:

/Users/work/Library/Caches/pip/wheels/aa/e6/19/332335472a7d4398d9a9ba9f51751c8e587bdc57397be8b55e Successfully built cx-Oracle

spyder 3.3.2 requires pyqt5<5.10; python_version >= "3", which is not installed.

conda 4.10.3 requires ruamel_yaml_conda>=0.11.14, which is not installed.

jupyterlab-server 1.0.0 has requirement jsonschema>=3.0.1, but you'll have jsonschema 2.6.0 which is incompatible.

cryptography 3.3.2 has requirement cffi>=1.12, but you'll have cffi 1.11.5 which is incompatible.

Installing collected packages: cx-Oracle

Successfully installed cx-Oracle-8.2.1

You are using pip version 10.0.1, however version 21.1.3 is available.

You should consider upgrading via the 'pip install --upgrade pip' command.

(base) gimenoguiMini:~ work\$ pip install —upgrade pip

Collecting pip

Downloading

https://files.pythonhosted.org/packages/47/ca/f0d790b6e18b3a6f3bd5e80c2ee4edbb5807286c21cdd0862ca933f751dd/pip-21.1.3-py3-none-any.whl (1.5MB)

100% | 1.6MB 5.2MB/s

spyder 3.3.2 requires pyqt5<5.10; python_version >= "3", which is not installed.

conda 4.10.3 requires ruamel_yaml_conda>=0.11.14, which is not installed.

jupyterlab-server 1.0.0 has requirement jsonschema>=3.0.1, but you'll have jsonschema 2.6.0 which is incompatible.

cryptography 3.3.2 has requirement cffi>=1.12, but you'll have cffi 1.11.5 which is incompatible.

Installing collected packages: pip

Found existing installation: pip 10.0.1

Uninstalling pip-10.0.1:

Successfully uninstalled pip-10.0.1

Successfully installed pip-21.1.3

(base) gimenoguiMini:~ work\$ python -m pip install cx_Oracle ---upgrade ---user

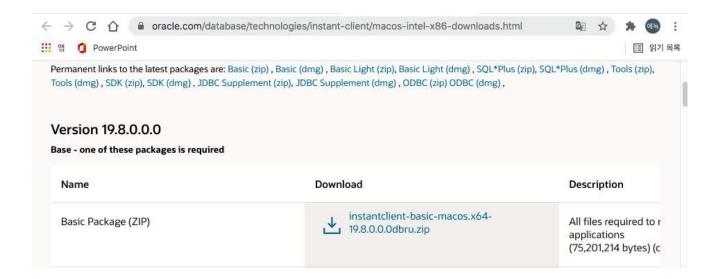
Requirement already satisfied: cx_Oracle in ./.local/lib/python3.7/site-packages (8.2.1)

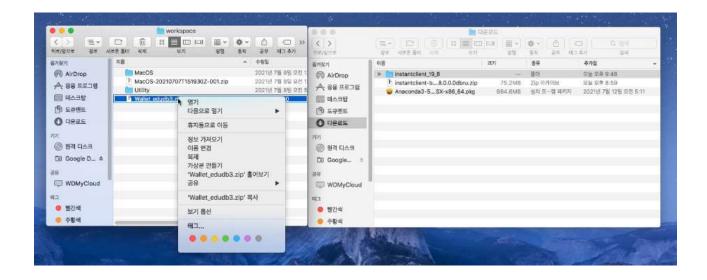


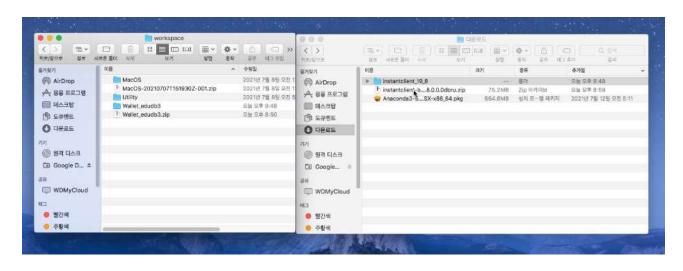
Oracle Instant Client Downloads for macOS (Intel x86) download 받기

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https://www.oracle.com/database/technologies/instant-client/macos-intel-x86-downloads.html

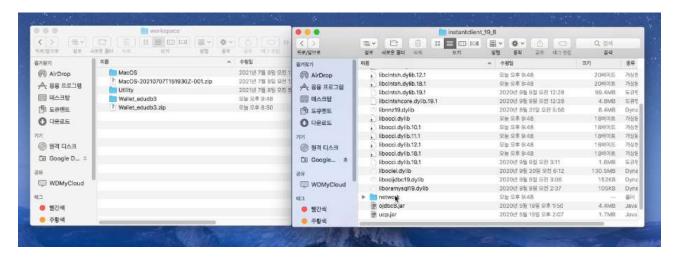




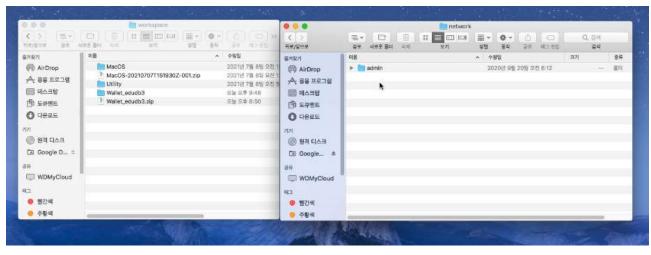


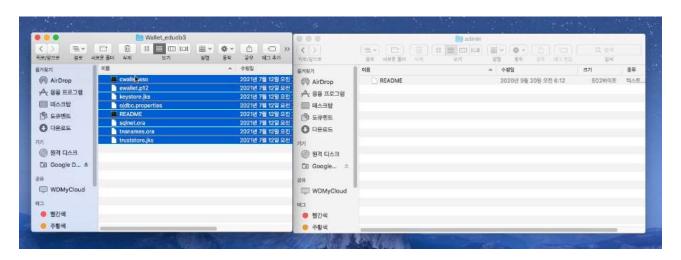


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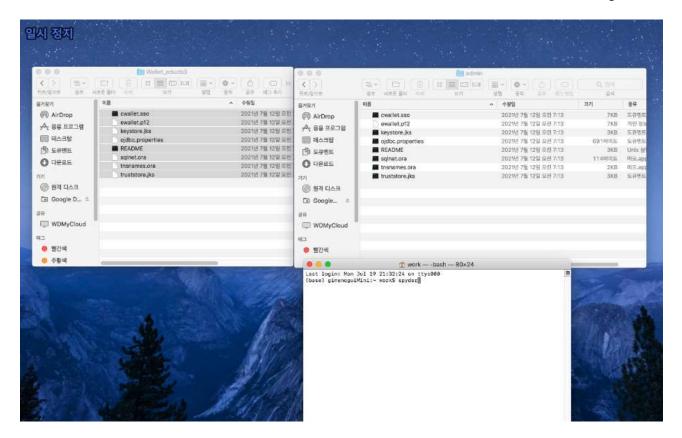
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spyder Editor 입력 명령어 확인

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```
import os
import cx_Oracle
cx_Oracle.init_oracle_client(lib_dir=os.environ.get("HOME")+"/Downloads/instantclient_19_8")
connection = cx_0racle.connect(user="ora01", password="oracle_4U2021", dsn="edudb3_high")
cursor = connection.cursor()
# Create a table
cursor.execute("""drop table pytab purge""")
cursor.execute("create table pytab (id number, data varchar2(20))")
# Insert some rows
rows = [ (1, "First" ),
         (2, "Second" ),
         (3, "Third" ),
         (4, "Fourth"),
         (5, "Fifth" ),
(6, "Sixth" ),
         (7, "Seventh")]
cursor.executemany("insert into pytab(id, data) values (:1, :2)", rows)
# connection.commit() # uncomment to make data persistent
# Now query the rows back
for row in cursor.execute('select * from pytab'):
    print(row)
connection.commit()
cursor.close()
connection.close()
```







아나콘다 가상환경 개념 및 활용 방법

가상환경 : 독립적인 작업환경에서 패키지 및 버전 관리를 하기 위한 환경

일반적으로 base 안에 패키지 혹은 라이브러리를 설치했다 실패했다를 반복. -> 경고 문구, 의존성 문제로 다양한 오류 발생

<mark># 가상환경 handling</mark>

1. 가상환경 리스트 check

(base) C:\Users\WORK>conda info --envs

conda environments:

base

* C:\Users\WORK\Anaconda3

2. 가상환경 생성하기

가상환경 추가

C:\Users\TEST>conda create -n envs37 python=3.7

Solving environment: done

==> WARNING: A newer version of conda exists. <==

current version: 4.5.11 latest version: 4.10.3

Please update conda by running

\$ conda update -n base -c defaults conda

Package Plan

environment location: C:\Users\TEST\Anaconda3\envs\envs37

added / updated specs:

- python=3.7

The following packages will be downloaded:

package	build	
wheel-0.36.2	pyhd3eb1b0_0	31 KB
python-3.7.10	h6244533_0	17.4 MB
pip-21.1.3	py37haa95532_0	2.0 MB
ca-certificates-2021.7.5	haa95532_1	149 KB
setuptools-52.0.0	py37haa95532_0	936 KB
openssI-1.1.1k	h2bbff1b_0	5.7 MB
certifi-2021.5.30	py37haa95532_0	142 KB
vs2015_runtime-14.27.29016	h5e58377_2	2.2 MB
sqlite-3.36.0	h2bbff1b_0	1.2 MB
vc-14.2	h21ff451_1	8 KB





Total: 29.8 MB

The following NEW packages will be INSTALLED:

ca-certificates: 2021.7.5-haa95532_1 certifi: 2021.5.30-py37haa95532_0

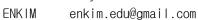
openssl: 1.1.1k-h2bbff1b_0
pip: 21.1.3-py37haa95532_0
python: 3.7.10-h6244533_0
setuptools: 52.0.0-py37haa95532_0
sqlite: 3.36.0-h2bbff1b_0
vc: 14.2-h21ff451_1
vs2015_runtime: 14_27_29016-h5e58377_2

vs2015_runtime: 14.27.29016-h5e58377_2 wheel: 0.36.2-pyhd3eb1b0_0

wincertstore: 0.2-py37_0

Proceed ([y]/n)? y

```
Downloading and Extracting Packages
wheel-0.36.2
        | 31 KB
| 17.4 MB
            python-3.7.10
1 2.0 MB
pip-21.1.3
ca-certificates-2021 | 149 KB
| 936 KB
             setuptools-52.0.0
| 5.7 MB
openssI-1.1.1k
             1
certifi-2021.5.30
       | 142 KB
vs2015 runtime-14.27 | 2.2 MB
            sqlite-3.36.0
        1.2 MB
             1
| 8 KB
vc-14.2
Preparing transaction: done
Verifying transaction: done
Executing transaction: done
# To activate this environment, use:
# > activate envs37
# To deactivate an active environment, use:
# > deactivate
# * for power-users using bash, you must source
```





2. 가상환경 활성화

추가된 가상환경 확인

C:\Users\TEST>conda info --envs

conda environments:

base * C:\Users\TEST\Anaconda3

C:\Users\TEST\Anaconda3\envs\envs37 envs37

C:\Users\TEST>conda activate envs37

(envs37) C:\Users\TEST>

3. 가상환경 비활성화

C:\Users\TEST>conda deactivate

(envs37) C:₩Users\TEST>

4. 가상환경 라이브러리 확인

(envs37) C:\Users\TEST>conda list

packages in environment at C:\Users\TEST\Anaconda3\envs\envs37:

#

# Name	Version	Build	Channel
ca-certificates	2021.7.5	haa95532_1	
certifi	2021.5.30	py37haa95532_0	
openssl	1.1.1k	h2bbff1b_0	
pip	21.1.3	py37haa95532_0	
python	3.7.10	h6244533_0	
setuptools	52.0.0	py37haa95532_0	
sqlite	3.36.0	h2bbff1b_0	
VC	14.2	h21ff451_1	
vs2015_runtime	14.27.29016	h5e58377_2	
wheel	0.36.2	pyhd3eb1b0_0	
wincertstore	0.2	py37_0	

5. 가상환경의 라이브러리(패키지) 관리

가상환경 Base 에 존재하는 패키지 목록 생성 C:\Users\TEST>pip freeze > req_package_list.txt

C:₩Users\TEST>dir

C 드라이브의 볼륨에는 이름이 없습니다.

볼륨 일련 번호: B08E-76C8

C:\Users\TEST 디렉터리

3,940 req_package_list.txt 2021-07-21 오전 05:51

ENKIM enkim.edu@gmail.com

🌓 한국금응연수원

새로운 가상환경을 활성화 시키고 해당 패키지 목록을 구성

C:\Users\TEST>conda activate envs37

(envs37) C:\Users\TEST>

(envs37) C:\u00edUsers\u00edTEST>pip install -r req_package_list.txt

Collecting alabaster==0.7.11

Downloading alabaster=0.7.11-py2.py3-none-any.whl (14 kB)

Collecting altgraph==0.17

Using cached altgraph=0.17-py2.py3-none-any.whl (21 kB)

ERROR: Could not find a version that satisfies the requirement anaconda-client==1.7.2 (from versions: 1.1.1, 1.2.2)

ERROR: No matching distribution found for anaconda-client==1.7.2

(envs37) C:\Users\TEST>conda update -n envs37 -c C:\Users\TEST\Anaconda3\envs\envs37 anaconda-client

PackageNotInstalledError: Package is not installed in prefix.

prefix: C:\Users\TEST\Anaconda3\envs\envs37

package name: anaconda-client

(envs37) C:\Users\TEST>pip install anaconda-client Collecting anaconda-client Downloading anaconda-client-1.2.2.tar.gz (64 kB) 64 kB 1.5 MB/s Collecting clyent Downloading clyent-1.2.1.tar.gz (20 kB) Collecting requests>=2.0 Downloading requests-2.26.0-py2.py3-none-any.whl (62 kB) 62 kB 330 kB/s Collecting pyyaml Downloading PyYAML-5.4.1-cp37-cp37m-win_amd64.whl (210 kB) | **210 kB 6.4 MB/s** Collecting python-dateutil Downloading python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB) | **347 kB ...** Collecting pytz

Downloading pytz-2021.1-py2.py3-none-any.whl (510 kB)

| 510 kB ...

Requirement already satisfied: certifi>=2017.4.17 in c:\u00edusers\u00fctest\u00fcanaconda3\u00fcenvs\u00fcenvs37\u00fclib\u00fcsite-packages (from requests>=2.0->anaconda-client) (2021.5.30)

Collecting idna<4,>=2.5

Downloading idna-3.2-py3-none-any.whl (59 kB)

Collecting urllib3<1.27,>=1.21.1

Downloading urllib3-1.26.6-py2.py3-none-any.whl (138 kB)

| 138 kB 6.8 MB/s

Collecting charset-normalizer~=2.0.0

Downloading charset_normalizer-2.0.3-py3-none-any.whl (35 kB)

Collecting six >= 1.5

Downloading six-1.16.0-py2.py3-none-any.whl (11 kB)

Building wheels for collected packages: anaconda-client, clyent

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Building wheel for anaconda-client

(setup.py) ... done

Created wheel for anaconda-client: filename=anaconda_client-1.2.2-py3-none-any.whl size=75071 sha256=d8179dd47fd5d18cf84eb10b62892fb4b141b280da3bfee3240a6dc8c90de002

Stored in directory:

c:\users\unders\users\unders\users\users\undern\unders\unders\unders\unders\unders\unders\unders\unders\unders\

Created wheel for clyent: filename=clyent-1.2.1-py3-none-any.whl size=9213

sha256=bb78840d77feaed2a4863c623ba030827218a55e94f979770399f6d08d06d1a4

Stored in directory:

c:\users\test\appdata\loca|\pip\cache\whee|s\2b\85\cc\20bc86da3ed304350c871d608f4139aa546da0839d642f130f Successfully built anaconda-client clyent

Installing collected packages: urllib3, six, idna, charset-normalizer, requests, pyyaml, pytz, python-dateutil, clyent, anaconda-client

Successfully installed anaconda-client-1.2.2 charset-normalizer-2.0.3 clyent-1.2.1 idna-3.2 python-dateutil-2.8.2 pytz-2021.1 pyyaml-5.4.1 requests-2.26.0 six-1.16.0 urllib3-1.26.6

windows cmd에서 pip 실행 관련 문제

- 1. 탐색기에서 pip.exe 탐색
- 2. pip.exe 파일 우클릭 > 파일 위치 열기
- 3. 주소창의 경로 복사
- 4. 환경 변수 경로 추가

내 pc (우클릭)->속성 ->고급 시스템 설정 -> 환경변수

시스템변수 -> Path -> 새로만들기 -> 붙여넣기

Mac OS 에서 pip install 관련 설정 되지 않을 때

(# 참고 : https://blocast.tistory.com/4) 아래의 명령어 우선 실행해 보기

Sudo easy_install pip



Day 4. 2021.10.30. enkim.edu@gmail.com



설치시 다음과 같은 오류 : 현재(conda create -n envs37 python=3.7) 실행 명령

