Python KeySQL clientDriver for KeySQL® Server
Installation guide (v2.02)

Technical requirements
1. Python version >= 3.6
2. Windows or Ubuntu (was tested on Windows 10 and Ubuntu 18.4)

Steps to set up (using wheel file)
From command line run:

```
pip3 install PyKeySql-2.02-py3-none-any.whl
```

In this case keysql_client will be installed in the folder where ap
For example, if Anaconda3 is used for python package installing keysql_client will be installed in the folder (Windows 10):
C: \...\anaconda3\Lib\site-packages

There could be potential problems with installation of ssl library on Windows 10 (depending on how python was installed - separately or using Anaconda installation. Anaconda, for example, installs python in different folder)
SSL is a part of python installation. SSL package should be installed/updated separately:

pip install ssl

There are no problems with installing ssl on Linux.

Some tips are given here:

https://stackoverflow.com/questions/41328451/ssl-module-in-python-is-not-available-when-installing-package-with-pip3

In case Ubuntu, package will be installed in /bin folder.

Steps to set up (using tar.gz file)
1. Go to the folder where archive PyKeySql-2.02.tar.gz is downloaded.
2. Open an archive:

KEYARK

```
pip3 install PyKeySql-2.02.tar.gz
```

Directory layout after opening the archive:

```
.
|--- keysql_client
    |--- keysql_docs                   folder with documents and example
         Keysql_client_installation.pdf
    |--- keysql_python_example         KeySql python driver package
         example.py                        example to run  (work with classes)
         example_dict.py                   the same as example.py – use dictionaries as outputs

         example_blocking_client_db_birds.py      example using string queries.
         example_read_instances_json_format.py    example using reading from .json format
```

Folder keysql_python_example and keysql_docs can be moved/copied to a convenient location.

3. Check that package installed successfully (open command line; or go to folder keysql_client if
    KeqSql client was installed using tar.gz file):

    Run script example.py:

```
python3 example.py --host=your_host --port=your_port --user=username --password=user_pass
```

    your_host, your_port - host and port of the KeySql Server
    username, user_pass - user name and user password

    Notes: depending on the python installation, python call can be
        python, python3, python3.7, etc.
        Instead of "example.py" should be full path (or run from keysql_python_example folder)

    Other examples should be run in similar manner:


```
python3 example_dict.py --host=your_host --port=your_port --user=username --
password=userpass
```

KEYARK

```
python3 example_str_with_params.py --host=your_host --port=your_port --user=username --password=userpass
```

```
python3 example_blocking_client_db_birds.py --host=your_host --port=your_port --user=username --password=userpass
```

KEYARK