

## How to install the package to communicate with the IRSOL database

1. The first step is to download the package from the Internet. Keep in mind that the downloaded folder must remain on the machine after installation. There are two possibilities to download the package:
  - a. The first is to download or clone the git repository at the following link [https://github.com/immortalsalomon/db\\_irsol\\_client.git](https://github.com/immortalsalomon/db_irsol_client.git).
  - b. The second alternative is to download the package from the svn server. The name of the repository is "IRSOL observation database software". You only need the directory db\_irsol\_client.

2. The second step is to create a Python 3.6 virtual environment using anaconda. The following command creates the virtual environment

=> ***conda create -n <virtual\_environment\_name> python=3.6***

While the following command allows you to set the newly created python virtual environment as the one to use.

=> ***conda activate <virtual\_environment\_name>***

3. The next step is to install the requirements of the db\_irsol\_client package. To do this, go into the db\_irsol\_client folder, downloaded in the first step, and run the following command.

To enter the folder run => ***cd db\_irsol\_client***

To install the requirements run => ***pip install -r requirements.txt***

4. The last step is to install the package in the virtual environment. To do this, run the following command.

To sort the current directory => ***cd ..***

To install the package in the virtual environment => ***pip install db\_irsol\_client/***

That is all. You should now be able to access all the functionality offered by the package.