



Setup Guide:-

Use postgres 10.0 for odoo:13 and postgres 10.15 for odoo:14

How to install (Ubuntu 18.04):

Use these commands to install git and some other dependencies.

```
$ sudo apt-get install -y git python3.7 postgresql nano virtualenv xz-utils wget  
fontconfig libfreetype6 libx11-6 libxext6 libxrender1 node-less node-clean-css  
xfonts-75dpi
```

```
$ sudo apt-get update
```

```
$ sudo apt-get upgrade
```

```
$ wget -O wkhtmltox.tar.xz https://github.com/wkhtmltopdf/wkhtmltopdf/releases/download/0.12.4/wkhtmltox-0.12.4\_linux-generic-amd64.tar.xz
```

```
$ tar xvf wkhtmltox.tar.xz
```

```
$ sudo mv wkhtmltox/lib/* /usr/local/lib/
```

```
$ sudo mv wkhtmltox/bin/* /usr/local/bin/
```

```
$ sudo mv wkhtmltox/share/man/man1 /usr/local/share/man/
```

```
$ sudo apt-get install -y gcc python3.7-dev libxml2-dev libxslt1-dev libevent-dev  
libsasl2-dev libssl1.0-dev libldap2-dev libpq-dev libpng-dev libjpeg-dev
```

```
$ sudo apt-get update
```

```
$ sudo apt-get upgrade
```

```
$ sudo -u postgres createuser --createdb $(whoami)
```

```
$ createdb $(whoami)
```

```
$ sudo apt-get update
```

```
$ sudo apt-get upgrade
```

To clone odoo source code:

```
$ git clone -b 13.0 --single-branch https://github.com/odoo/odoo.git  
(use above command in src folder)
```

create two folders in programming folder by these commands:

```
$ mkdir programming
```

```
$ cd programming
```

```
$ mkdir src (for clone source code)
$ mkdir env (for creating environment)
```

Creating an environment:

Go to folder env then use this command to create an environment

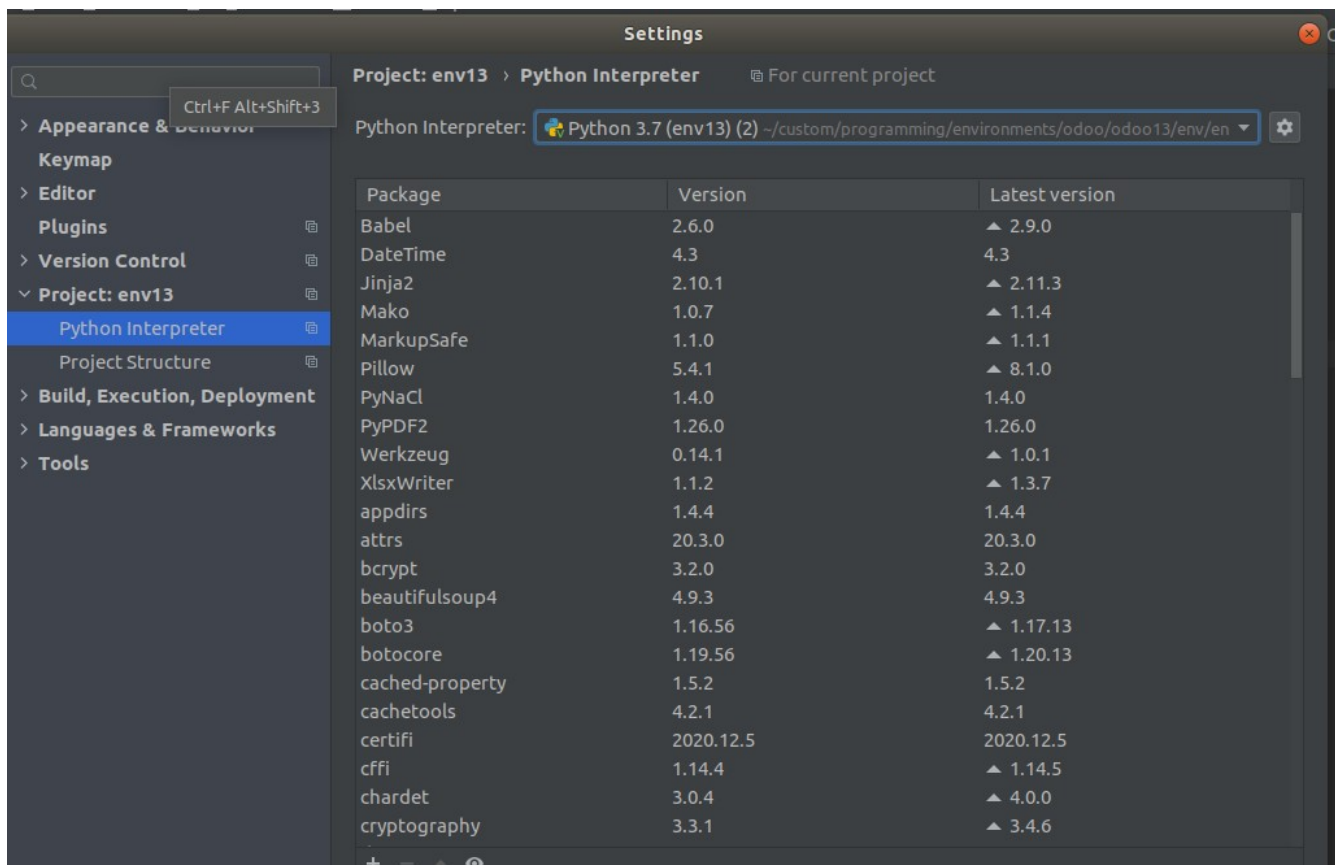
```
$ cd env
$ virtualenv -p python3.7 <your env name>
then go to the environment folder that created from the above command and use
command to activate environment.
$ pip3 install -r src/odoo/requirements.txt
$ source <env>/bin/activate
to install the dependencies use the command
$ pip3 install -r src/odoo/requirements.txt
$ src/odoo/odoo-bin -sc env/<env name>/config/<config file name>.conf
```

Custom Modules:

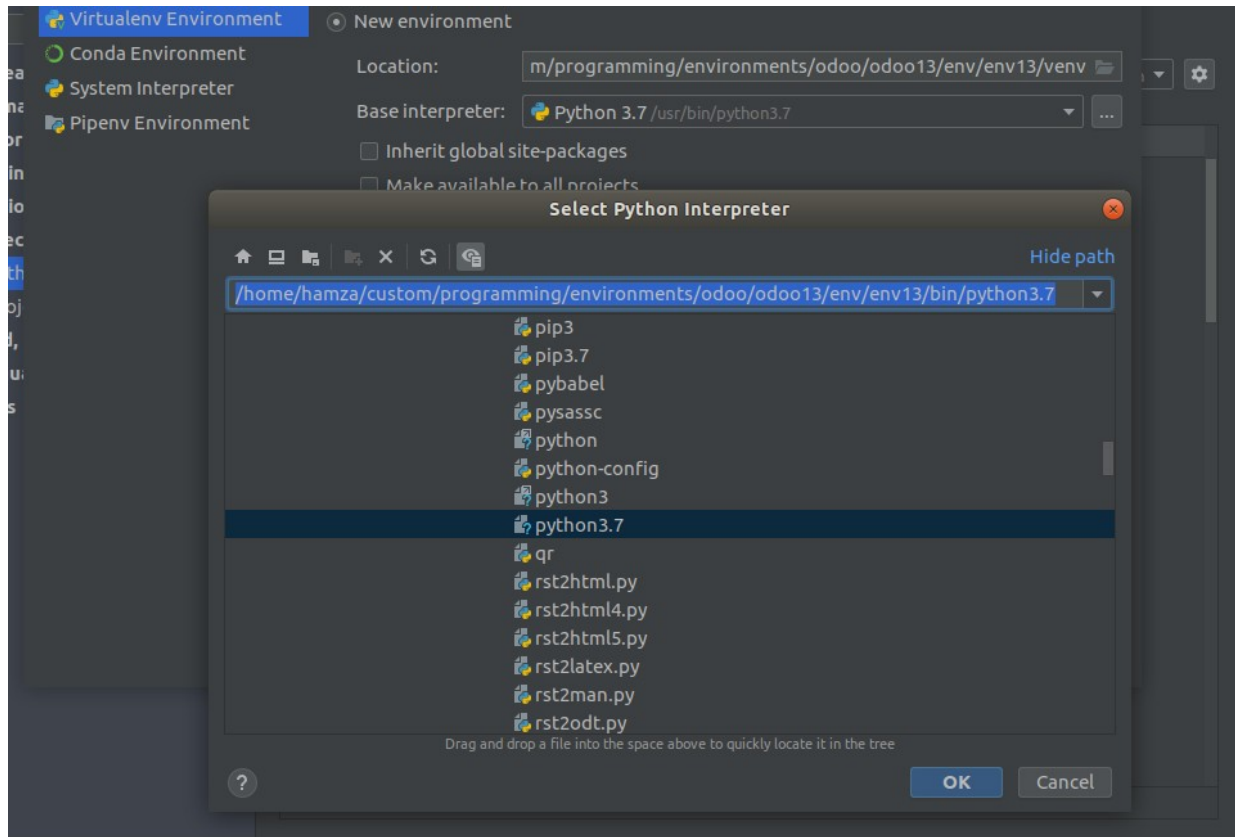
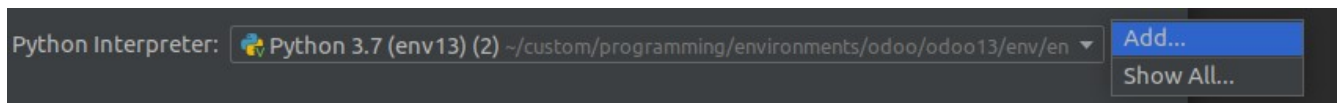
For custom modules create a folder with name extra_addons and give the path of that folder in environment configuration file in addons_path.

```
$ mkdir extra_addons
$ nano env/<your env name>/config/<config file name>.conf
```

Pycharm Configuration:



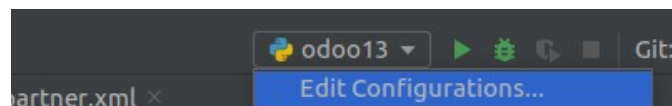
Go to setting then project and then select python interpreter. Click on setting then add to add an environment and select the folder in environment bin/python3.7.



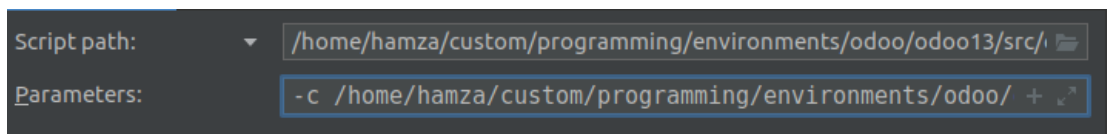
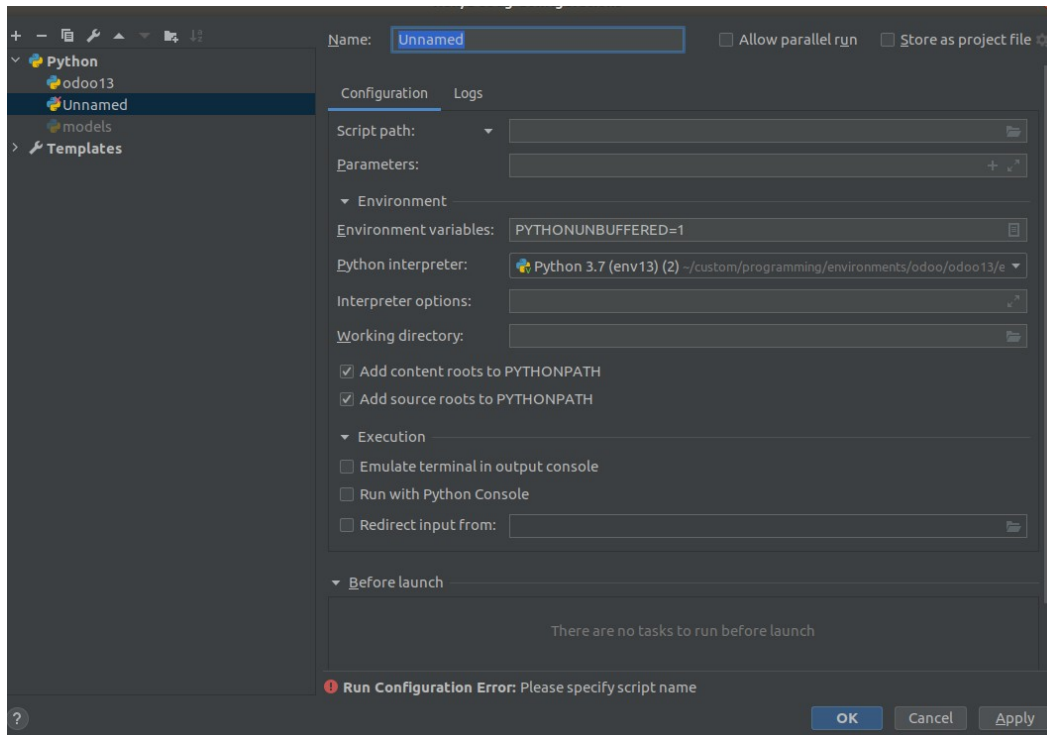
in base interpreter select the path of python3.7 as above.

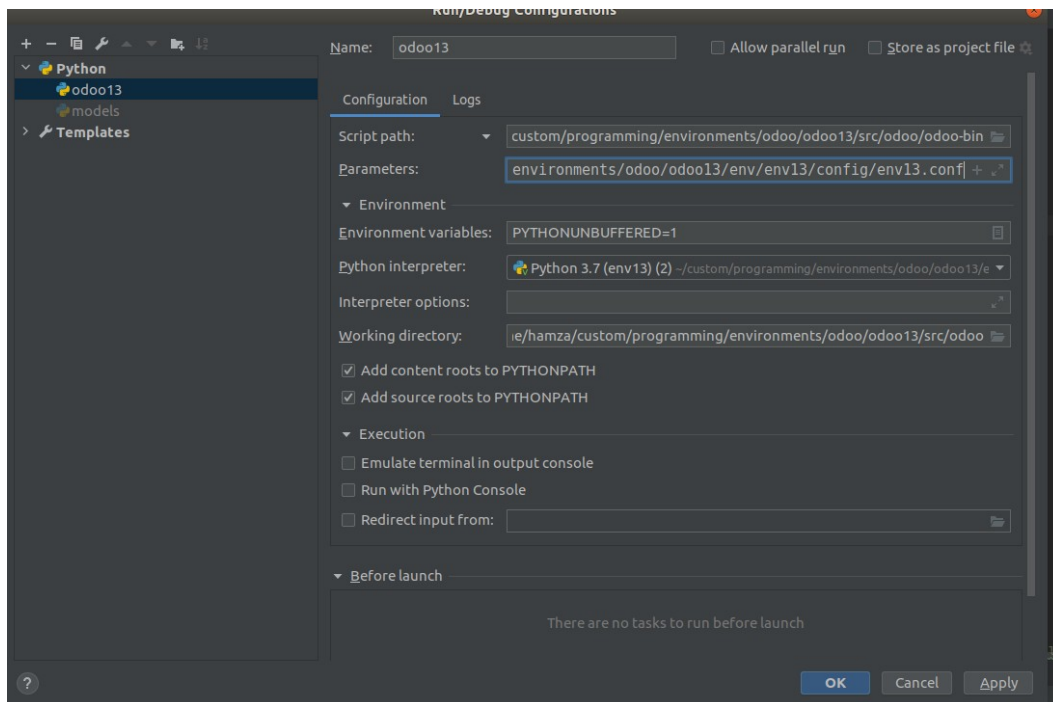
To add odoo-bin path:

Open pycharm and select edit configuration



Then select left + button and then select python





In script path give the odoo-bin path

In parameteres give the environment path that you created and then apply.

Then check on browser localhost:8069

For more information of configuration check video on youtube

how to configure odoo with pycharm

how to create a module in odoo