⚙️ Odoo Configuration Guide

🛠 Installation Requirements

\*\*Python 3.10\*\*

🔗 [Download Python 3.10](https://www.python.org/downloads/release/python-3100/)

\*\*Visual Studio Build Tools\*\*

🔗 [Download vsBuildTools](https://visualstudio.microsoft.com/downloads/)

\*\*PostgreSQL\*\*

🔗 [Download PostgreSQL](https://www.enterprisedb.com/downloads/postgres-postgresql-downloads)

📌 Add PostgreSQL bin to PATH:

`C:\Program Files\PostgreSQL\<version>\bin`

\*\*PyCharm Community Edition\*\*

🔗 [Download PyCharm](https://www.jetbrains.com/pycharm/download/?section=windows)

\*\*Odoo Version clone use git base\*\*

git clone [https://github.com/odoo/odoo.git -b 18.0 --depth 1](https://github.com/odoo/odoo.git%20-b%2018.0%20--depth%201)

git clone [https://github.com/odoo/odoo.git -b 17.0 --depth 1](https://github.com/odoo/odoo.git%20-b%2017.0%20--depth%201)

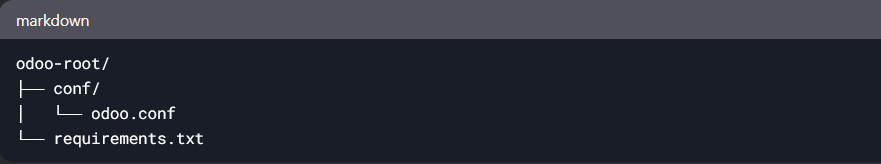
git clone [https://github.com/odoo/odoo.git -b 16.0 --depth 1](https://github.com/odoo/odoo.git%20-b%2016.0%20--depth%201)

git clone [https://github.com/odoo/odoo.git -b 15.0 --depth 1](https://github.com/odoo/odoo.git%20-b%2015.0%20--depth%201)

git clone [https://github.com/odoo/odoo.git -b 14.0 --depth 1](https://github.com/odoo/odoo.git%20-b%2014.0%20--depth%201)

🖥 Development Environment Setup

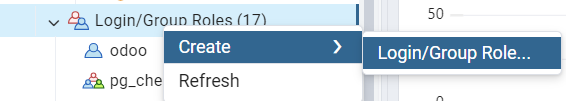
1. Project Configuration

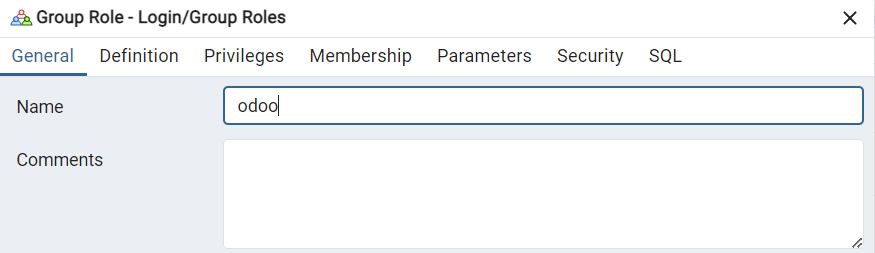


2. odoo.conf File

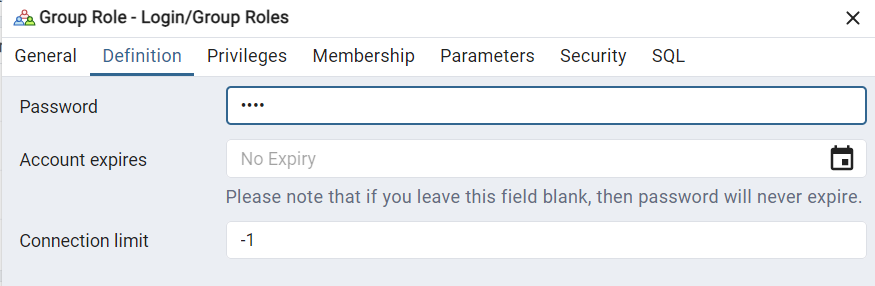


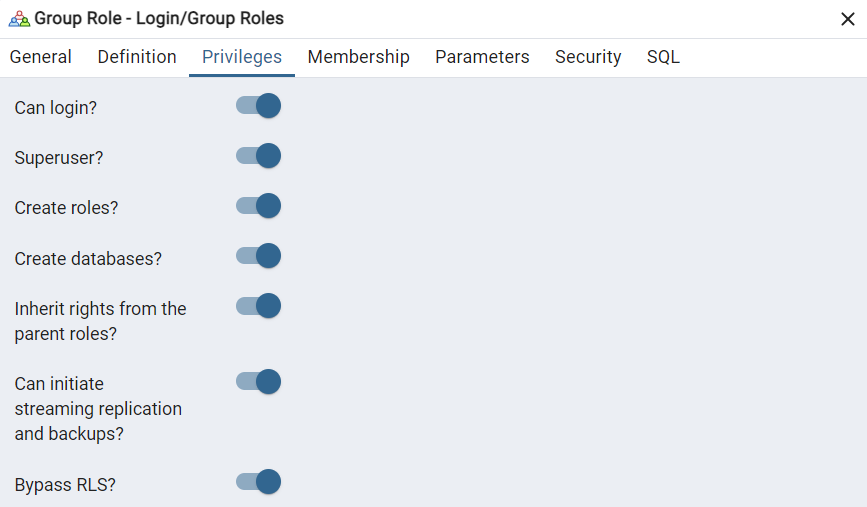
3. pgAdmin





Password : odoo





Click Save



4. PyCharm Setup

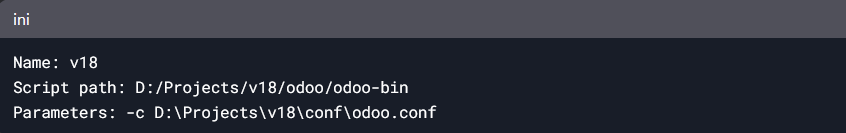
\*\*Python Interpreter\*\*

Open Pycharm settings menu

Enter project menu

Select Python Interpriter [add loacl Interpriter]

\*\*Run Configuration\*\*



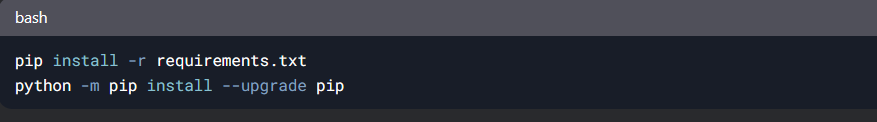
📦 Dependency Management

**requirements.txt**

Babel==2.9.1 # min version = 2.6.0 (Focal with security backports)  
chardet==3.0.4  
# cryptography==3.4.8  
cryptography==3.4.8; python\_version < '3.12' # incompatibility between pyopenssl 19.0.0 and cryptography>=37.0.0  
cryptography==42.0.8 ; python\_version >= '3.12' # (Noble) min 41.0.7, pinning 42.0.8 for security fixes  
decorator==4.4.2  
docutils==0.16  
ebaysdk==2.1.5  
# freezegun==0.3.11; python\_version < '3.8'  
freezegun==0.3.15; python\_version >= '3.8'  
gevent==1.5.0 ; python\_version == '3.7'  
gevent==20.9.0 ; python\_version > '3.7' and python\_version <= '3.9'  
gevent ; python\_version > '3.9' # (Jammy)  
greenlet==0.4.15 ; python\_version == '3.7'  
greenlet==0.4.17 ; python\_version > '3.7' and python\_version <= '3.9'  
greenlet ; python\_version > '3.9' # (Jammy)  
idna==2.8  
Jinja2==2.11.3 # min version = 2.10.1 (Focal - with security backports)  
libsass  
lxml==4.8.0 # min version = 4.5.0 (Focal - with security backports)  
MarkupSafe==1.1.0  
num2words==0.5.6  
ofxparse==0.19; python\_version <= '3.9'  
ofxparse==0.21; python\_version > '3.9' # (Jammy)  
passlib==1.7.3 # min version = 1.7.2 (Focal with security backports)  
Pillow # min version = 7.0.0 (Focal with security backports)  
polib==1.1.0  
psutil # min version = 5.5.1 (Focal with security backports)  
psycopg2==2.9.2 ; python\_version == '3.10' # (Jammy)  
psycopg2==2.9.5 ; python\_version == '3.11'  
psycopg2==2.9.9 ; python\_version >= '3.12' # (Noble) Mostly to have a wheel package  
pydot==1.4.1  
pyopenssl==19.0.0  
PyPDF2==1.26.0  
pypiwin32 ; sys\_platform == 'win32'  
pyserial==3.4  
python-dateutil==2.7.3  
python-ldap==3.4.0 ; sys\_platform != 'win32' # min version = 3.2.0 (Focal with security backports)  
python-stdnum==1.13  
pytz==2019.3  
pyusb==1.0.2  
qrcode==6.1  
reportlab # version < 3.5.54 are not compatible with Pillow 8.1.2 and 3.5.59 is bullseye  
requests==2.25.1 # versions < 2.25 aren't compatible w/ urllib3 1.26. Bullseye = 2.25.1. min version = 2.22.0 (Focal)  
urllib3==1.26.5 # indirect / min version = 1.25.8 (Focal with security backports)  
vobject==0.9.6.1  
Werkzeug==0.16.1 ; python\_version <= '3.9'  
Werkzeug==2.0.2 ; python\_version > '3.9' # (Jammy)  
xlrd==1.1.0; python\_version < '3.8'  
xlrd==1.2.0; python\_version >= '3.8'  
XlsxWriter==1.1.2  
xlwt==1.3.\*  
zeep==3.4.0  
rjsmin

\*\*Installation Command:\*\*

cd open\_odoo\_version\_root\_folder



🚀 Running Odoo

**Other Terminal Command [Optional]**

pip install --upgrade django geoip2 # v18

pip install lxml #v18

pip install psycopg2-binary

pip install psycopg2

pip install pdfminer.six

pip install pyjwt #v18

pip install python-stdnum

pip install --upgrade python-stdnum # v18

pip install phonenumbers

pip uninstall werkzeug #v13

pip install werkzeug==0.16.1 #v13

python odoo-bin –version # check odoo version

# start shell using terminal

python odoo-bin shell -c D:\Apps\odoo-17.0\conf\odoo.conf -d odoo17

**If add enterprise**

-c D:\Projects\v18\conf\odoo.conf **-d database\_name -u all**

* Restart a pycharm server and then update app list
* After install web\_enterprise app.

**Example odoo.conf File [Oprional]:**

[options]

**; Server configuration**

port = 8069

host = 0.0.0.0

workers = 2

**; Database configuration**

db\_host = 127.0.0.1

db\_port = 5432

db\_user = odoo

db\_password = my\_secure\_password

**; Addons path**

addons\_path = /opt/odoo/addons,/opt/odoo/custom\_addons

**; Logging**

logfile = /var/log/odoo/odoo.log

log\_level = info

**; Security**

admin\_passwd = admin123

**; Email configuration**

smtp\_server = smtp.gmail.com

smtp\_port = 587

smtp\_user = your\_email@gmail.com

smtp\_password = your\_password

**Jump on data base manager url**

<http://localhost:8014/web/database/manager>

**Start PostgreSQL in terminal**

psql -h localhost -U postgres -d odoo17

Password for user postgres: postgres

**If work in restore data base**

update ir\_cron set active=False where active=True

update res\_partner set email='your email address'

update ir\_mail\_server set active=False

Update fetchmail\_server set active=False

update res\_users set login='admin', password='admin' where id =2;