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Estructura de directorios de Odoo

```
/opt/odoo/odoo_16
  /log
  /config
  /src
    /external
    /oca
    /linked
```

```
cd /opt/
sudo mkdir odoo
sudo chown sxe:sxe odoo
cd odoo/
mkdir odoo_16
cd odoo_16/
mkdir log config src
cd src/
mkdir external oca linked
cd
```

Instalación de dependencias de Linux

```
sudo apt-get update
sudo apt-get upgrade
sudo apt-get install aptitude
sudo aptitude install postgresql postgresql-contrib libpq-dev python3-pip
language-pack-es gdebi
```

Instalar librería wkhtmltopdf

```
sudo apt-get install wkhtmltopdf
```

Instalación del gestor de paquetes NPM

```
sudo aptitude install npm -y  
sudo npm install less less-plugin-clean-css
```

Instalación del gestor de paquetes PIP

```
sudo aptitude install python3-pip  
python3 -m pip install --user --upgrade pip  
python3 -m pip install --user --upgrade setuptools
```

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Instalación de virtualenv

```
python3 -m pip install --user --upgrade virtualenv
```

```
cd /opt/odoo/  
virtualenv -p python3 xxx
```

```
. xxx/bin/activate
```

```
python3 -m pip install --upgrade pip  
python3 -m pip install --upgrade setuptools
```

```
python3 -m pip install babel cachetools chardet decorator docutils gevent
```

```
python3 -m pip install html2text Jinja2 libsass lxml num2words numpy paramiko
```

```
python3 -m pip install passlib phonenumbers pillow polib psutil psycopy2
```

```
python3 -m pip install pycryptodome pyOpenSSL pyPdf2
```

```
python3 -m pip install python-dateutil PyYAML reportlab suds-jurko
```

```
python3 -m pip install suds-jurko unidecode vatnumber validate_email xmlsig xlrd
```

```
python3 -m pip install XlsxWriter xlwt werkzeug zeeb
```

La instalación de suds-jurko da error. Para solucionarlo bajamos la versión de setuptools:

```
python3 -m pip install --upgrade setuptools==57.5.0
```

```
deactivate
```

Descarga de repositorios de GitHub

```
cd odoo_16/  
cd src/  
cd oca/  
sudo aptitude install git
```

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```
git clone https://github.com/OCA/OCB.git -b 16.0
```

```
git clone https://github.com/OCA/account-analytic.git -b 16.0  
git clone https://github.com/OCA/account-financial-reporting.git -b 16.0  
git clone https://github.com/OCA/account-financial-tools.git -b 16.0  
git clone https://github.com/OCA/account-invoice-reporting.git -b 16.0  
git clone https://github.com/OCA/account-invoicing.git -b 16.0  
git clone https://github.com/OCA/bank-payment.git -b 16.0  
git clone https://github.com/OCA/community-data-files.git -b 16.0  
git clone https://github.com/OCA/l10n-spain.git -b 16.0  
git clone https://github.com/OCA/mis-builder.git -b 16.0  
git clone https://github.com/OCA/partner-contact.git -b 16.0  
git clone https://github.com/OCA/project.git -b 16.0  
git clone https://github.com/OCA/purchase-workflow.git -b 16.0  
git clone https://github.com/OCA/queue.git -b 16.0  
git clone https://github.com/OCA/reporting-engine.git -b 16.0  
git clone https://github.com/OCA/server-ux.git -b 16.0  
git clone https://github.com/OCA/stock-logistics-workflow.git -b 16.0  
git clone https://github.com/OCA/web.git -b 16.0
```

Crear enlaces simbólicos

```
cd /opt/odoo  
touch link_addons.sh  
chmod u+x link_addons.sh  
nano link_addons.sh
```

(pegar el código del script addons del aula virtual. Cuidado con las “” y “”)

```
./link_addons.sh
```

(corregir enlace *point_of_sale*)

```
cd /odoo_16/src/linked  
rm point_of_sale  
ln -s /opt/odoo/odoo_16/src/oca/OCB/addons/point_of_sale .
```

Configuración de PostgreSQL

(desde el usuario postgres nos conectamos a la consola)

```
sudo su postgres  
psql
```

(añadir contraseña al usuario postgres)

```
ALTER ROLE postgres WITH PASSWORD 'xxx';
```

(crear usuario encargado de ejecutar odoo)

```
CREATE ROLE odoo WITH LOGIN CREATEDB REPLICATION PASSWORD 'xxx';
```

(instalar extensión)

```
\c template1  
CREATE EXTENSION "unaccent";  
\q  
exit
```

(abrir archivo de config de postgres, siendo xx la versión instalada)
`sudo nano /etc/postgresql/xx/main/pg_hba.conf`

(cambiar peer por md5 en los dos primeros y guardamos)

(reiniciamos para recargar la nueva configuración)
`sudo systemctl restart postgresql`

(crear un archivo .pgpass en el home del usuario Linux postgres)

`sudo su postgres`

`cd ~`

`touch .pgpass`

`chmod 0600 .pgpass`

`nano .pgpass`

(introducir las credenciales de los usuarios PostgreSQL correspondientes en el fichero)

`# hostname:port:database:username:password`

`localhost:5432:*:postgres:xxx`

`localhost:5432:*:odoo:xxx`

`exit`