

Waqar afridi's Blog

Blog about Security, Cloud, Research and Development

OPENERP

How to setup Odoo 9 and Odoo 8 development Environment

~ JANUARY 22, 2015 OCTOBER 8, 2015

~ WAQARAFRIDI

⇒ 36 COMMENTS

Hello All

In this tutorial I will show how to install Odoo 8 and Odoo 9, the setup mechanism is almost the same, I will let you know when there is something that is required by Odoo 9 but its almost the same for both versions of Odoo.

I will be writing this tutorial on **Ubuntu 14.04** but you can also apply it to **Ubuntu 12.04**, I chose these versions for their stability and alot others but you can try it on any Flavor of Ubuntu (and Linux).

1. Set up System and Pre-requisite packages for Odoo

Lets First Update our repository and update all the packages by issuing the following commands

P.S.

Before we get started, you can just download a ready-made VM of Odoo 8 (<https://drive.google.com/open?id=0B5IEctIkedL4OFU2akd3RnE0eIU>) and Odoo 9 (<https://drive.google.com/file/d/0B5IEctIkedL4RVNuNS1kRDFGajQ/view?usp=sharing>) I created based on the Process below in case you want to save your self some time and the trouble.

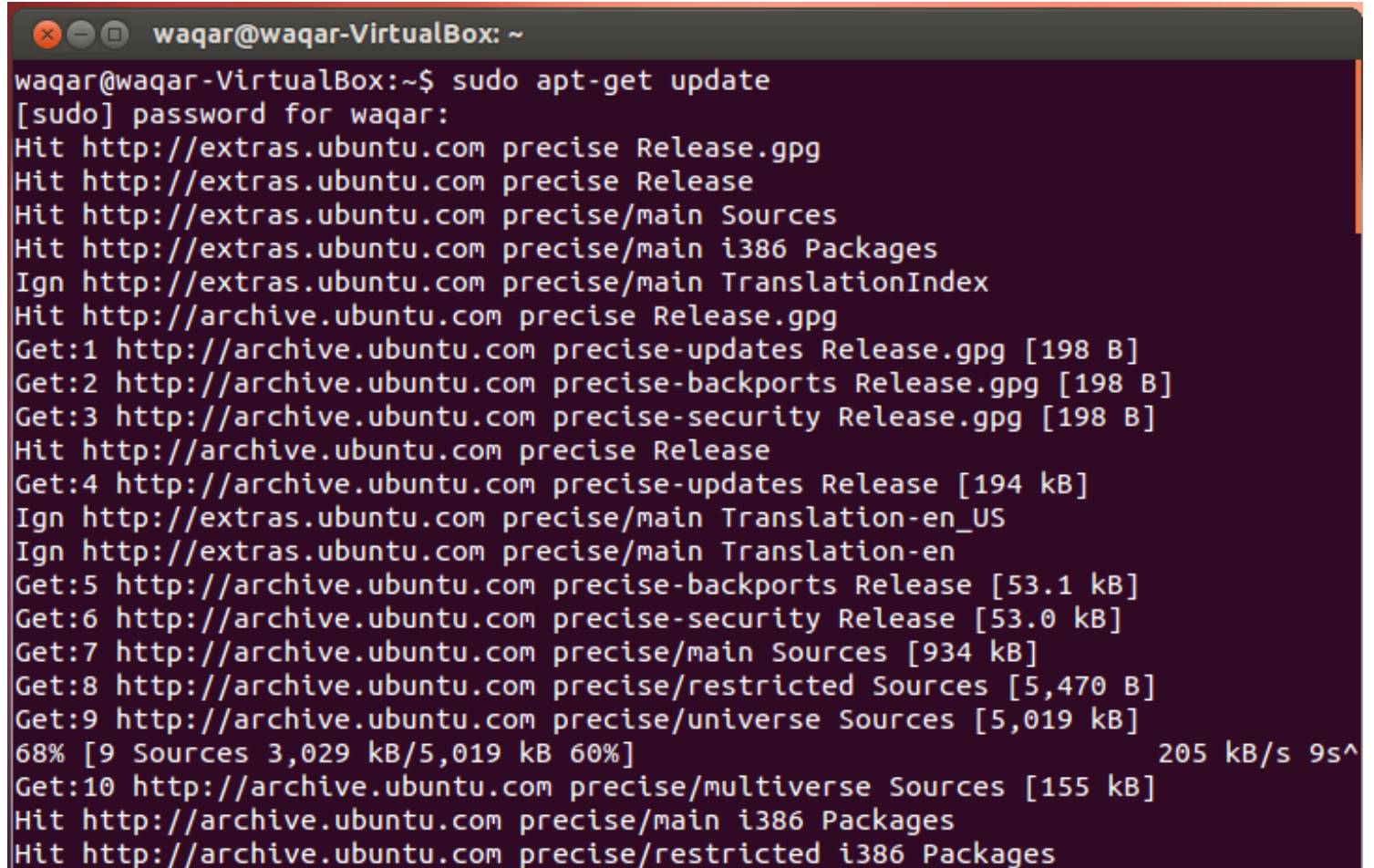
The username of VM is odoo and its password is admin

btw I will be deleting Odoo 8 soon, because I dont have that much space on my google drive to keep all this stuff.

To do it Manually Follow the Process Below...

sudo apt-get update

sudo apt-get upgrade

A terminal window titled 'waqar@waqar-VirtualBox: ~' showing the output of the 'sudo apt-get update' command. The output lists various Ubuntu repositories and the packages being updated, including precise Release.gpg, precise Release, precise/main Sources, precise/main i386 Packages, precise/main TranslationIndex, precise Release.gpg, precise-updates Release.gpg, precise-backports Release.gpg, precise-security Release.gpg, precise Release, precise-updates Release, precise/main Translation-en_US, precise/main Translation-en, precise-backports Release, precise-security Release, precise/main Sources, precise/restricted Sources, precise/universe Sources, and precise/multiverse Sources. The progress bar shows 68% completion for the sources update, with a speed of 205 kB/s and 9 seconds remaining.

```
waqar@waqar-VirtualBox: ~$ sudo apt-get update
[sudo] password for waqar:
Hit http://extras.ubuntu.com precise Release.gpg
Hit http://extras.ubuntu.com precise Release
Hit http://extras.ubuntu.com precise/main Sources
Hit http://extras.ubuntu.com precise/main i386 Packages
Ign http://extras.ubuntu.com precise/main TranslationIndex
Hit http://archive.ubuntu.com precise Release.gpg
Get:1 http://archive.ubuntu.com precise-updates Release.gpg [198 B]
Get:2 http://archive.ubuntu.com precise-backports Release.gpg [198 B]
Get:3 http://archive.ubuntu.com precise-security Release.gpg [198 B]
Hit http://archive.ubuntu.com precise Release
Get:4 http://archive.ubuntu.com precise-updates Release [194 kB]
Ign http://extras.ubuntu.com precise/main Translation-en_US
Ign http://extras.ubuntu.com precise/main Translation-en
Get:5 http://archive.ubuntu.com precise-backports Release [53.1 kB]
Get:6 http://archive.ubuntu.com precise-security Release [53.0 kB]
Get:7 http://archive.ubuntu.com precise/main Sources [934 kB]
Get:8 http://archive.ubuntu.com precise/restricted Sources [5,470 B]
Get:9 http://archive.ubuntu.com precise/universe Sources [5,019 kB]
68% [9 Sources 3,029 kB/5,019 kB 60%] 205 kB/s 9s^
Get:10 http://archive.ubuntu.com precise/multiverse Sources [155 kB]
Hit http://archive.ubuntu.com precise/main i386 Packages
Hit http://archive.ubuntu.com precise/restricted i386 Packages
```

(<https://waqarafridi.files.wordpress.com/2015/01/01-apt-update.png>)

```

waqar@waqar-VirtualBox: ~
waqar@waqar-VirtualBox:~$ sudo apt-get upgrade
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages have been kept back:
  duplicity linux-headers-generic-lts-saucy linux-image-generic-lts-saucy
The following packages will be upgraded:
  acpi-support apparmor apport apport-gtk apt apt-transport-https apt-utils base
  bluez bluez-alsa bluez-cups bluez-gstreamer bsutils ca-certificates compiz co
  compiz-plugins-default coreutils cpio cups cups-bsd cups-client cups-common cu
  dbus dbus-x11 deja-dup dmidecode dnsutils dpkg evince evince-common evolution-
  evolution-data-server-common file firefox firefox-locale-en fonts-opensymbol g
  gir1.2-gnomebluetooth-1.0 gir1.2-gtk-2.0 gir1.2-gtk-3.0 gir1.2-gudev-1.0 gnome
  gnome-control-center gnome-control-center-data gnome-settings-daemon gnupg gpg
  grub-pc-bin grub2-common gwibber gwibber-service gwibber-service-facebook gwib
  gwibber-service-twitter ifupdown initramfs-tools initramfs-tools-bin iproute j
  krb5-locales libapt-inst1.4 libapt-pkg4.12 libbind9-80 libblkid1 libbluetooth3
  libc6 libc6-dev libcamel-1.2-29 libcups2 libcupsd1 libcupsdriver1 libcupsfil
  libcupsmime1 libcupsppdc1 libcurl3 libcurl3-gnutls libcurl3-nss libdbus-1-3 li
  libdrm-intel1 libdrm-nouveau1a libdrm-nouveau2 libdrm-radeon1 libdrm2 libebook
  libebook-1.2-12 libecal-1.2-10 libedata-book-1.2-11 libedata-cal-1.2-13 libeda
  libedataserverui-3.0-1 libevent-2.0-5 libevince3-3 libflac8 libgail-3-0 libgai
  libgcrypt11 libgdk-pixbuf2.0-0 libgdk-pixbuf2.0-common libgnome-bluetooth8 lib
  libgnutls26 libgpgme11 libgssapi-krb5-2 libgtk-3-0 libgtk-3-bin libgtk-3-commo
  libgtk2.0-bin libgtk2.0-common libgudev-1.0-0 libgwibber-gtk2 libgwibber2 libi
  libisccfg82 libjasper1 libjpeg-turbo8 libjson0 libk5crypto3 libkrb5-3 libkrb5s
  liblightdm-gobject-1-0 liblua5.1-0 liblwres80 libmagic1 libminiupnpc8 libmount
  libnm-glib4 libnm-util2 libnspr4 libnss3 libparted0debian1 libperl5.14 libpixm

```

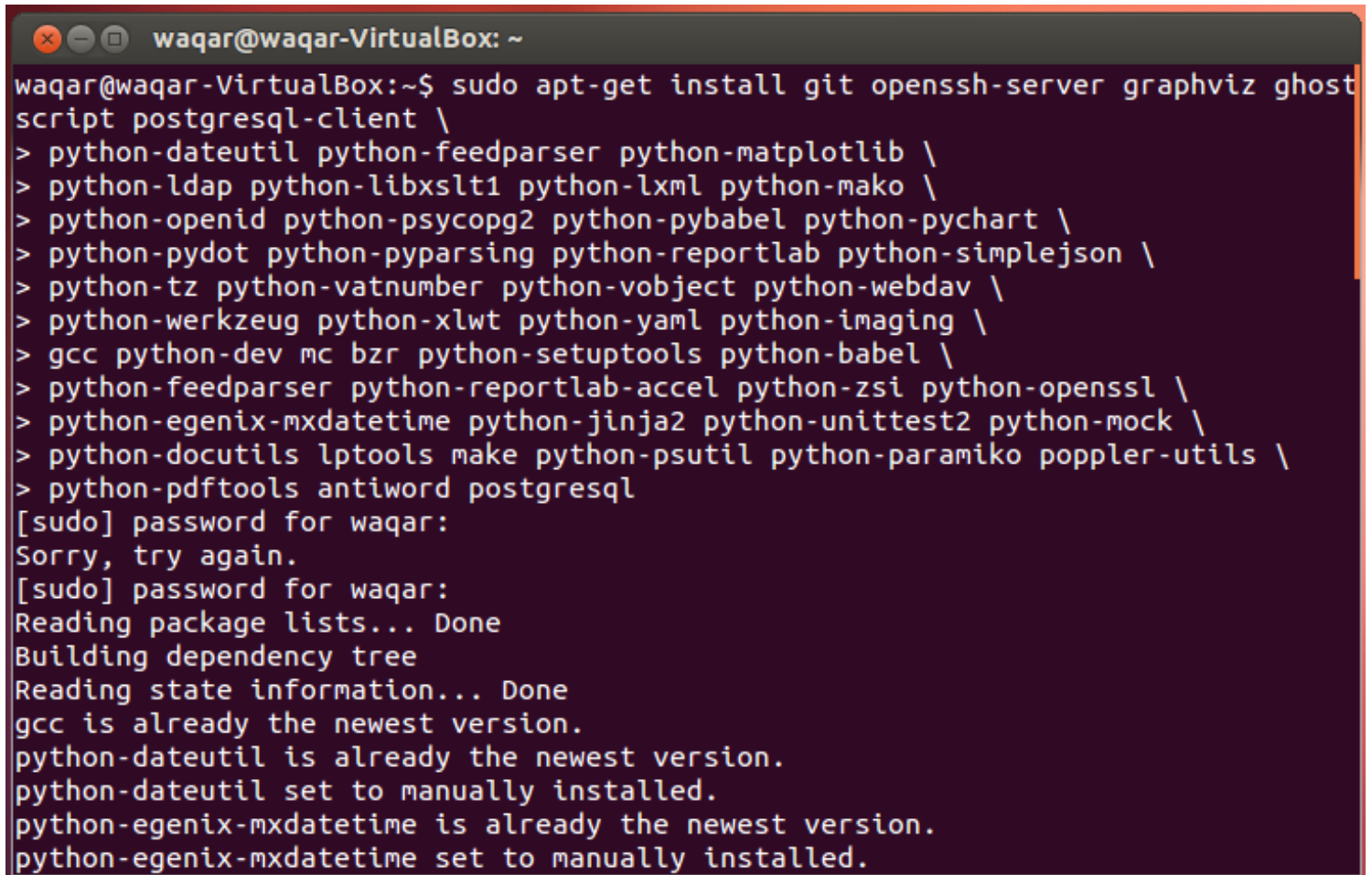
<https://waqarafridi.files.wordpress.com/2015/01/02-apt-upgrade.png>

Now Lets install all the Pre-Requisites

```

sudo apt-get install git openssl-server graphviz ghostscript \
python-dateutil python-feedparser python-matplotlib \
python-ldap python-libxslt1 python-lxml python-mako \
python-openid python-psycpg2 python-pybabel python-pychart \
python-pydot python-pyparsing python-reportlab python-simplejson \
python-tz python-vatnumber python-vobject python-webdav \
python-werkzeug python-xlwt python-yaml python-imaging \
gcc python-dev mc bzip python-setuptools python-babel \
python-feedparser python-reportlab-accel python-zsi python-openssl \
python-egenix-mxdatetime python-jinja2 python-unittest2 python-mock \
python-docutils lptools make python-psutil python-paramiko poppler-utils \
python-pdftools python-scipy python-decorator python-requests python-pyPdf \
antiword postgresql postgresql-client postgresql-server-dev-9.3

```



```

waqar@waqar-VirtualBox: ~
waqar@waqar-VirtualBox:~$ sudo apt-get install git openssh-server graphviz ghostscript postgresql-client \
> python-dateutil python-feedparser python-matplotlib \
> python-ldap python-libxslt1 python-lxml python-mako \
> python-openid python-psycopg2 python-pybabel python-pychart \
> python-pydot python-pyparsing python-reportlab python-simplejson \
> python-tz python-vatnumber python-vobject python-webdav \
> python-werkzeug python-xlwt python-yaml python-imaging \
> gcc python-dev mc bzip python-setuptools python-babel \
> python-feedparser python-reportlab-accel python-zsi python-openssl \
> python-egenix-mxdatetime python-jinja2 python-unittest2 python-mock \
> python-docutils lptools make python-psutil python-paramiko poppler-utils \
> python-pdftools antiword postgresql
[sudo] password for waqar:
Sorry, try again.
[sudo] password for waqar:
Reading package lists... Done
Building dependency tree
Reading state information... Done
gcc is already the newest version.
python-dateutil is already the newest version.
python-dateutil set to manually installed.
python-egenix-mxdatetime is already the newest version.
python-egenix-mxdatetime set to manually installed.

```

(<https://waqarafriid.files.wordpress.com/2015/01/03-packages.png>)

Some more packages for Odoo 9

sudo apt-get install build-essential libldap2-dev libsasl2-dev npm nodejs libxml2-dev libxslt1-dev libjpeg-dev python-pip gdebi

NodeJS and other stuff to Run Odoo website

sudo npm install -g less less-plugin-clean-css -y && sudo ln -s /usr/bin/nodejs /usr/bin/node

wkhtmltopdf to print odoo 8 and odoo 9 reports

cd /tmp && wget http://download.gna.org/wkhtmltopdf/0.12/0.12.2.1/wkhtmltox-0.12.2.1_linux-trusty-amd64.deb (http://download.gna.org/wkhtmltopdf/0.12/0.12.2.1/wkhtmltox-0.12.2.1_linux-trusty-amd64.deb) && sudo gdebi -n wkhtmltox-0.12.2.1_linux-trusty-amd64.deb && rm wkhtmltox-0.12.2.1_linux-trusty-amd64.deb

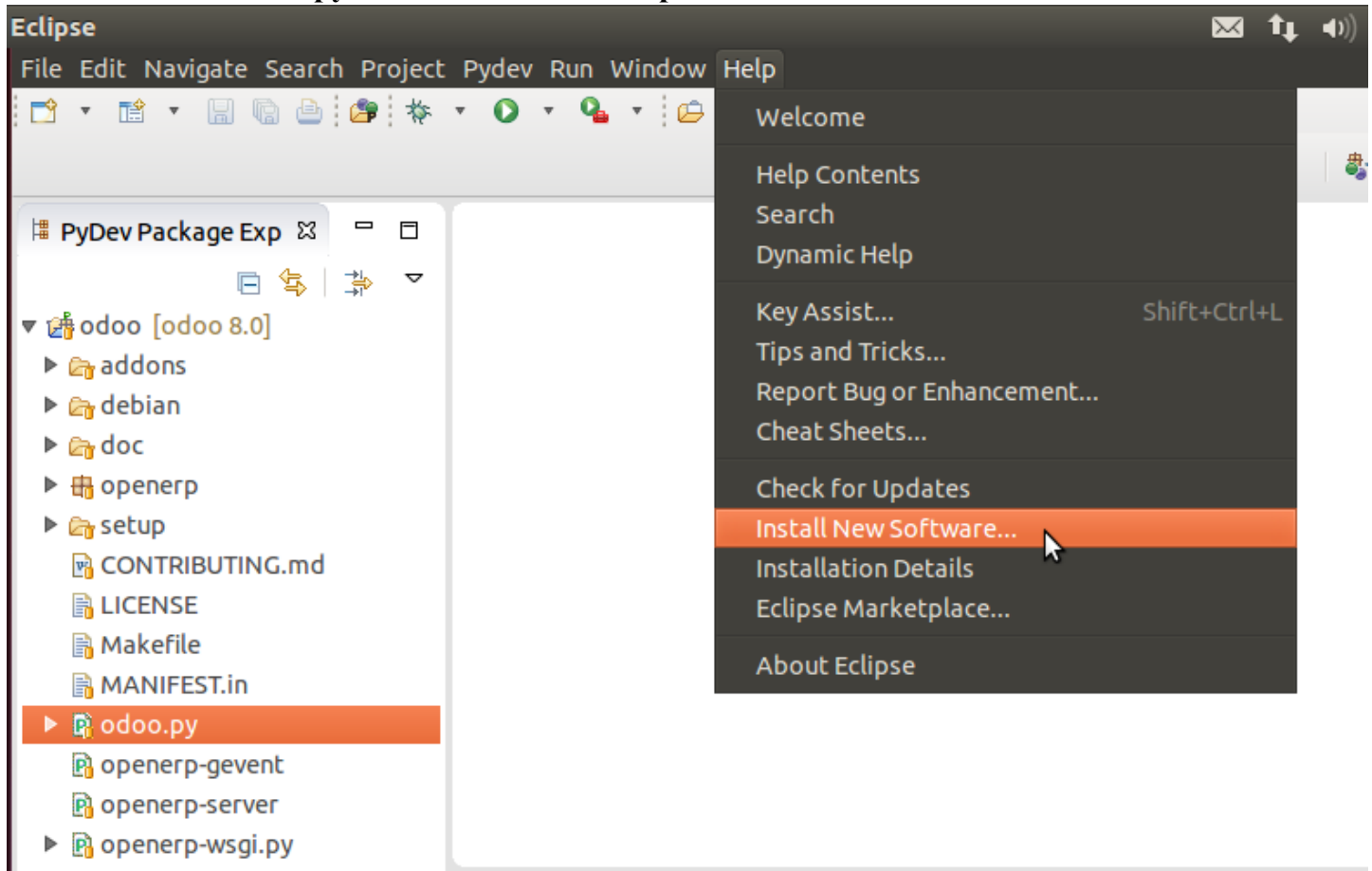
sudo ln -s /usr/local/bin/wkhtmltopdf /usr/bin/ && sudo ln -s /usr/local/bin/wkhtmltoimage /usr/bin/

For **Ubuntu 14.04** users, Install the Package “python-passlib” as ivan albizu just commented that its lack causes “error 500 Internal Server” Error. To Install this package simply type.

sudo apt-get install python-passlib

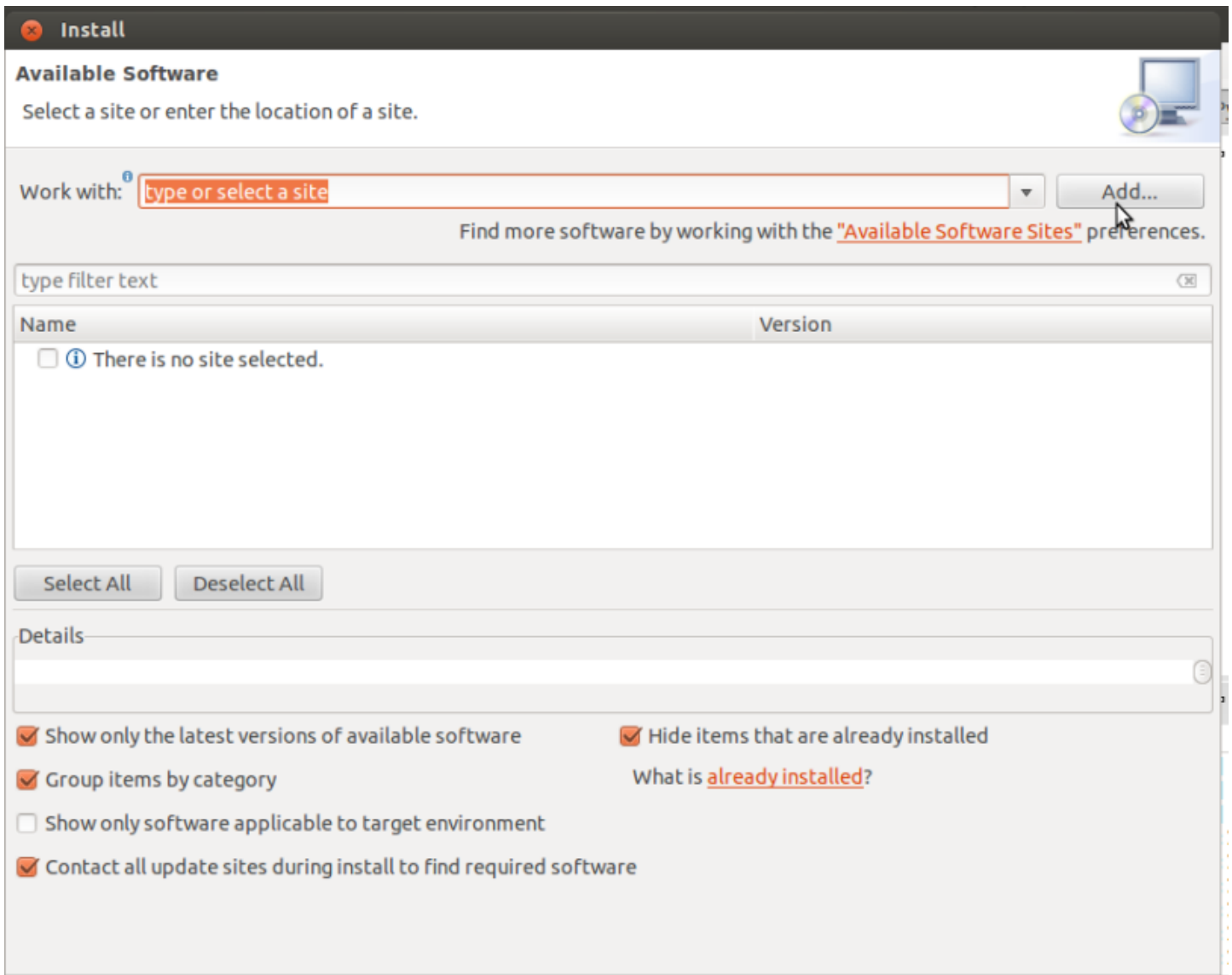
2. Setup Eclipse

- If you haven't Already, Click [here \(https://eclipse.org/downloads/?osType=linux&release=undefined\)](https://eclipse.org/downloads/?osType=linux&release=undefined) to Download Eclipse. I recommend the **Eclipse Luna** version. Once Eclipse is Downloaded and Extracted. Launch it.
- Now we need to install **pydev**. To do so Click **Help -> Install New Software**



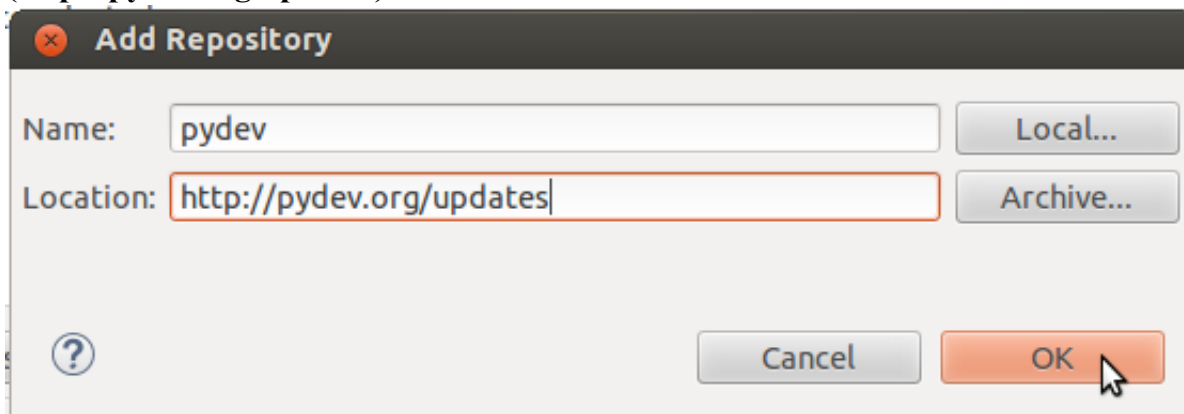
(<https://waqarafriid.files.wordpress.com/2015/01/04-installnewsoftware.png>)

- From the “**Install**” Dialog box, Click **Add**



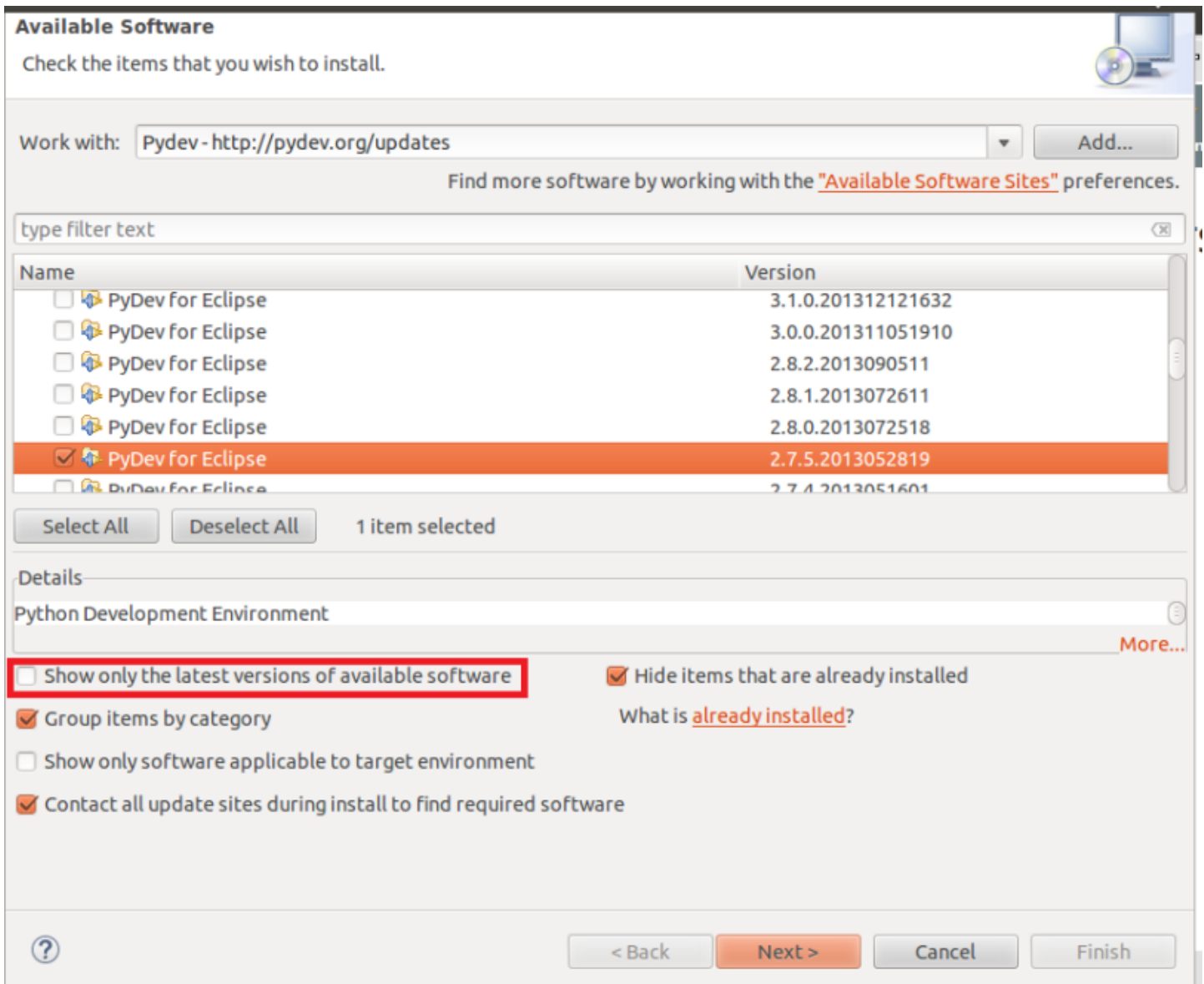
(<https://waqarafridi.files.wordpress.com/2015/01/05-addarepo.png>)

- o In “**Add Repository**” dialog box, Type “**pydev**” in the “Name:” field and “**<http://pydev.org/updates>**” in “Location:” field and Click **OK**.



(<https://waqarafridi.files.wordpress.com/2015/01/06-pydevrepo.png>)

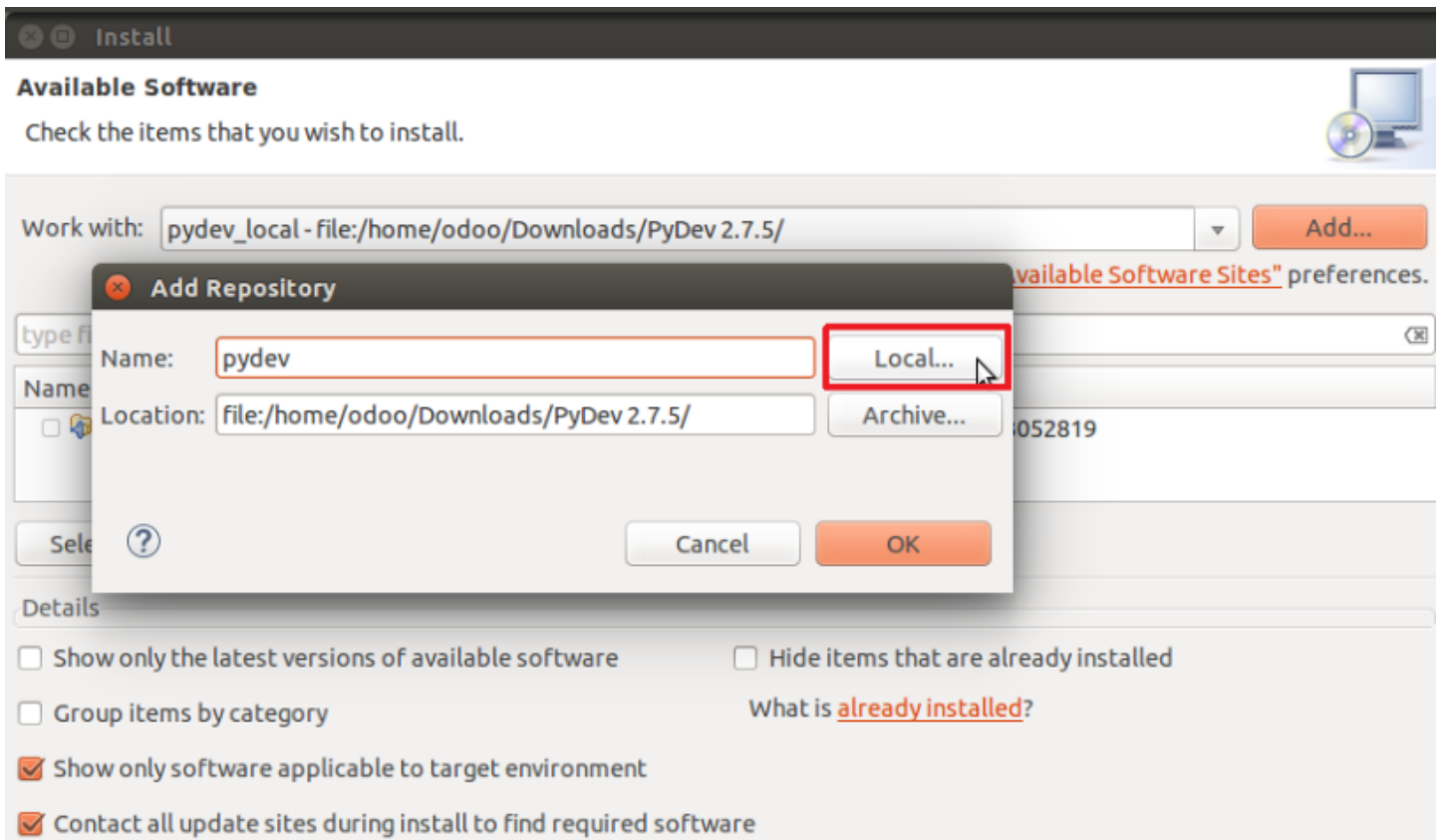
- o In Next Windows, uncheck “**Show only the latest version of the available software**“, You will get a list of available versions of pydev to select from, Select **2.7.5** version and click Next. If you dont find pydev 2.7.5 check the note below.



(<https://waqarfridi.files.wordpress.com/2015/01/07-pydevversion.png>)

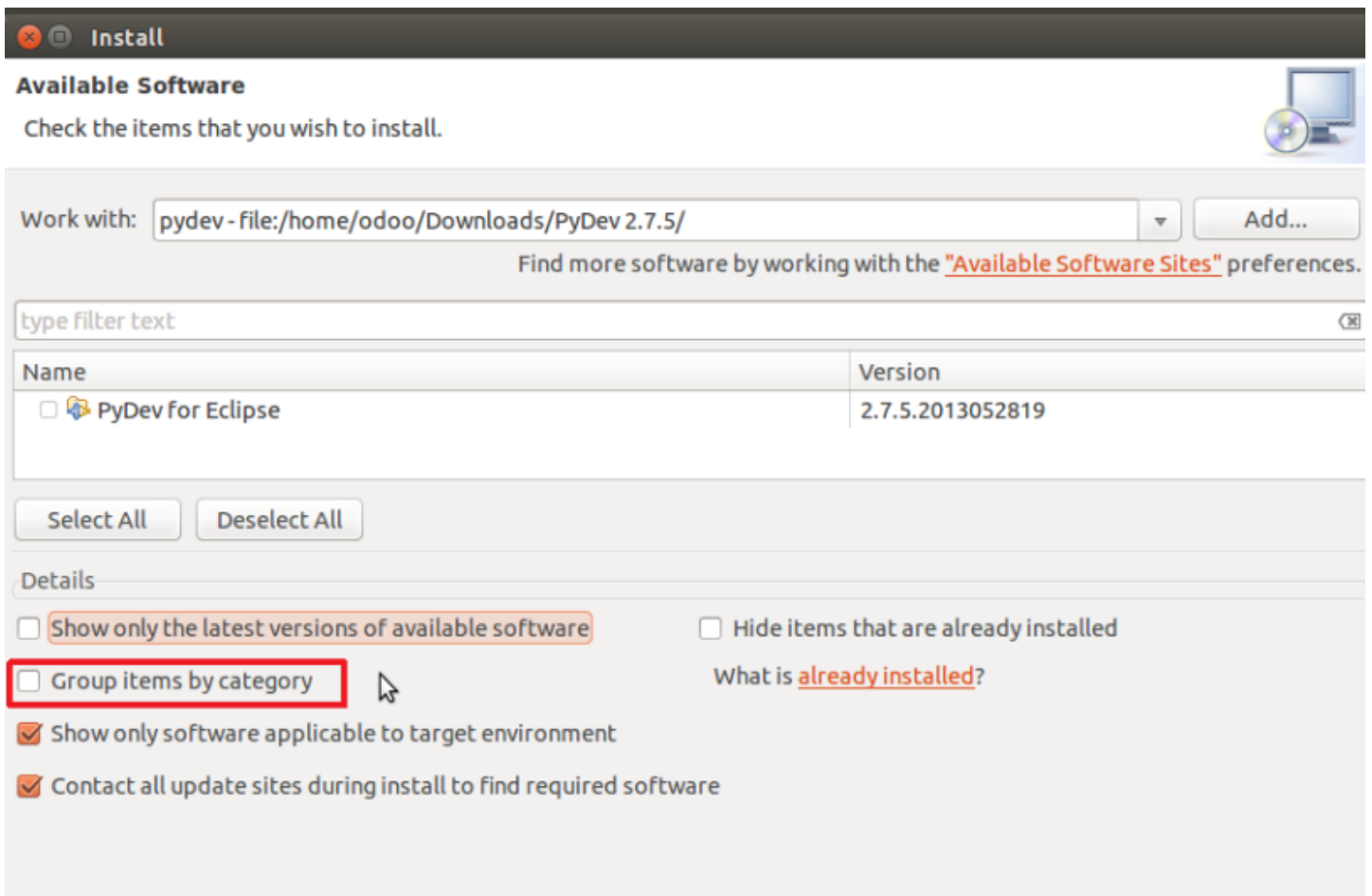
o NOTE:

While I was trying to install pydev for odoo 9, I couldn't find pydev 2.7.5, It only showed the 4.4 version. To work around this problem, Download pydev from this [link](http://sourceforge.net/projects/pydev/files/pydev/PyDev%202.7.5/) (<http://sourceforge.net/projects/pydev/files/pydev/PyDev%202.7.5/>). Extract the zip archive, The Repeat the steps of installing pydev by going to HELP -> Install New Software -> Click "Add" and this time instead of adding, pydev url, click the **Local** Button as show in the image below and navigate to the directory where you extracted pydev and click ok.



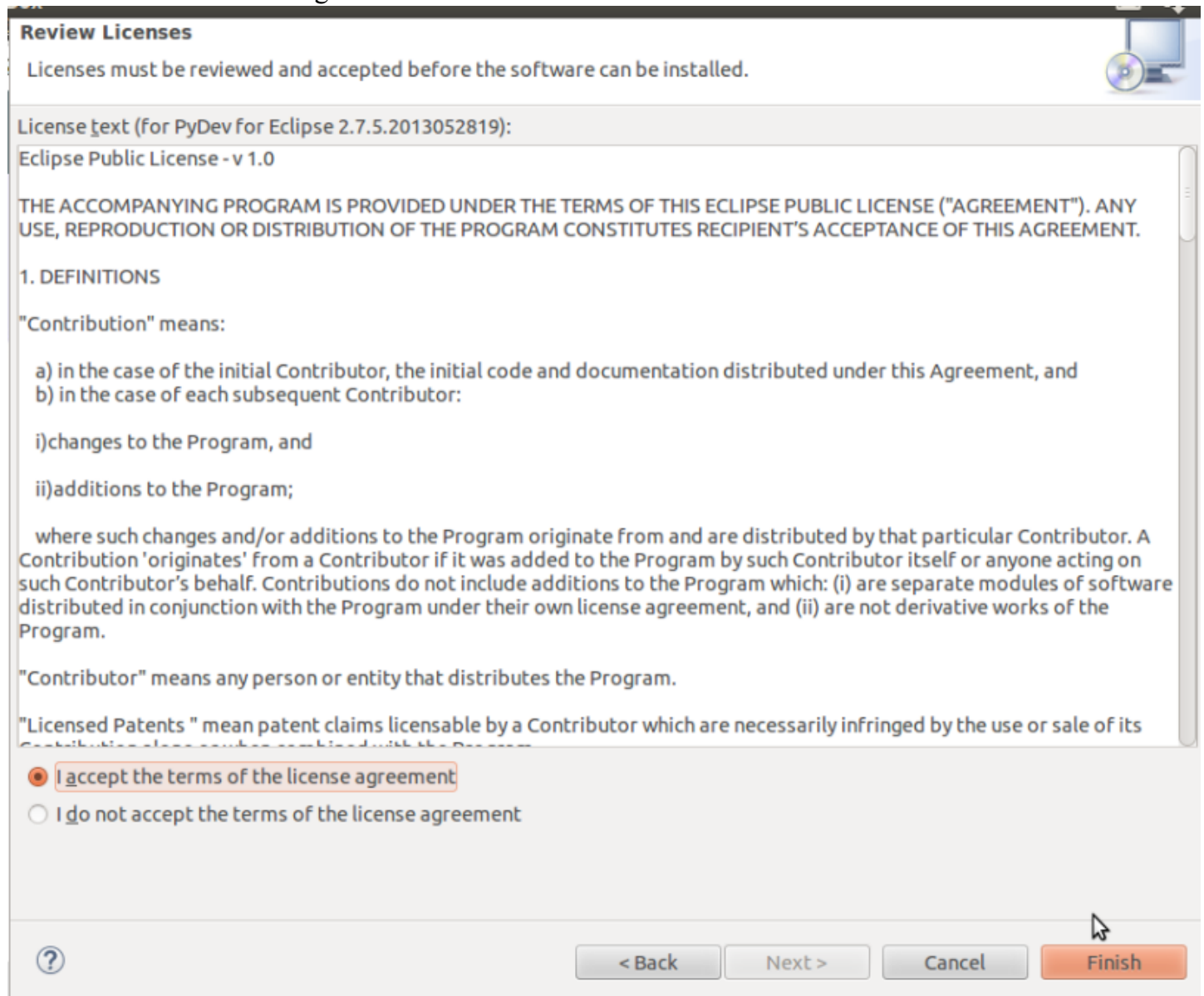
(https://waqarfridi.files.wordpress.com/2015/01/pydev_local_cropped.png)

- Next uncheck “Groups Items by category” and you will see the 2.7.5 version of pydev check it and carry on with the Rest of Installation.



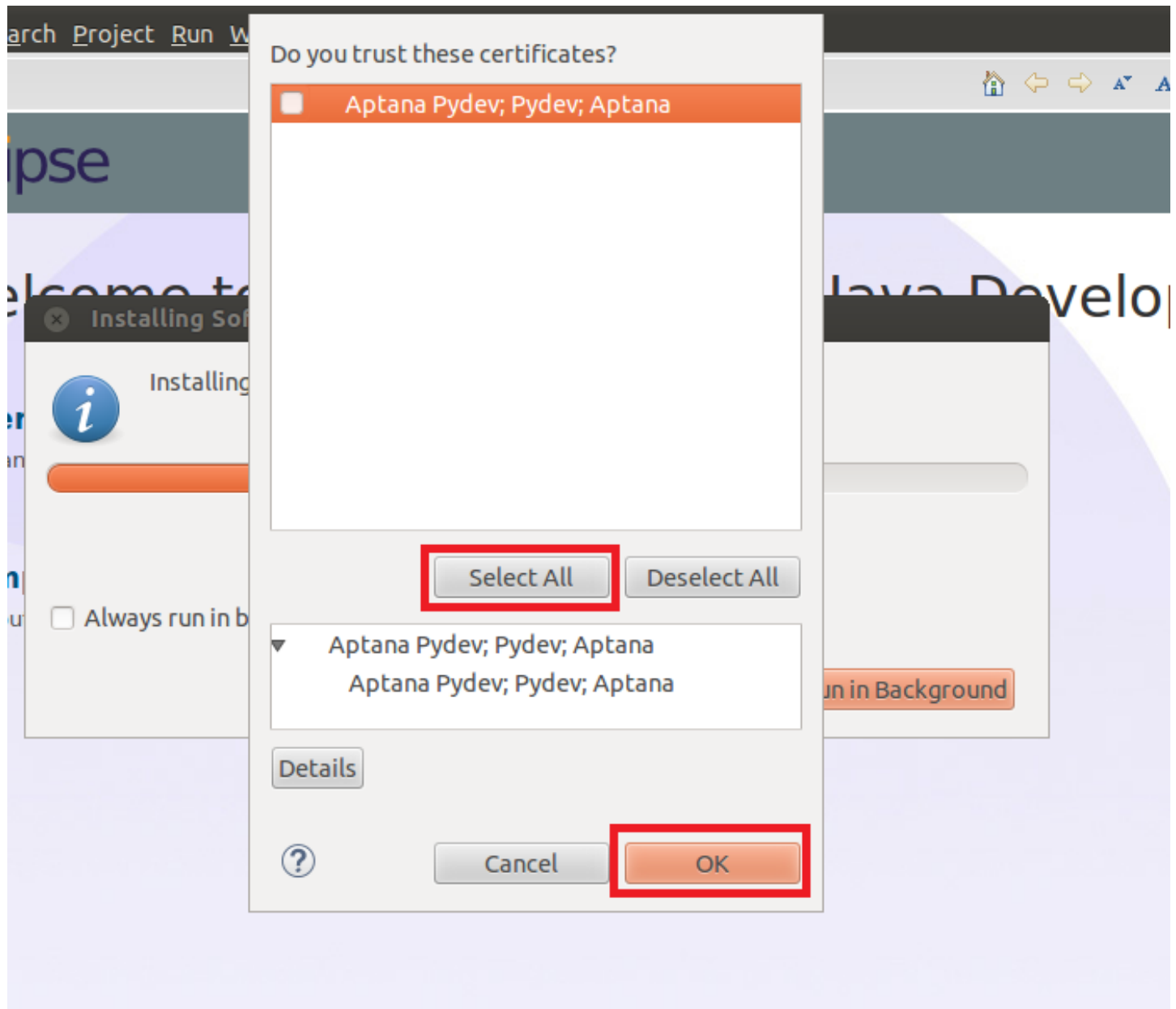
(https://waqarafriid.files.wordpress.com/2015/01/uncheck_group_item_cropped.png)

- Click Next again and In Next Windows from accept the license Agreement and and Click Finish and the Installation Process will begin.



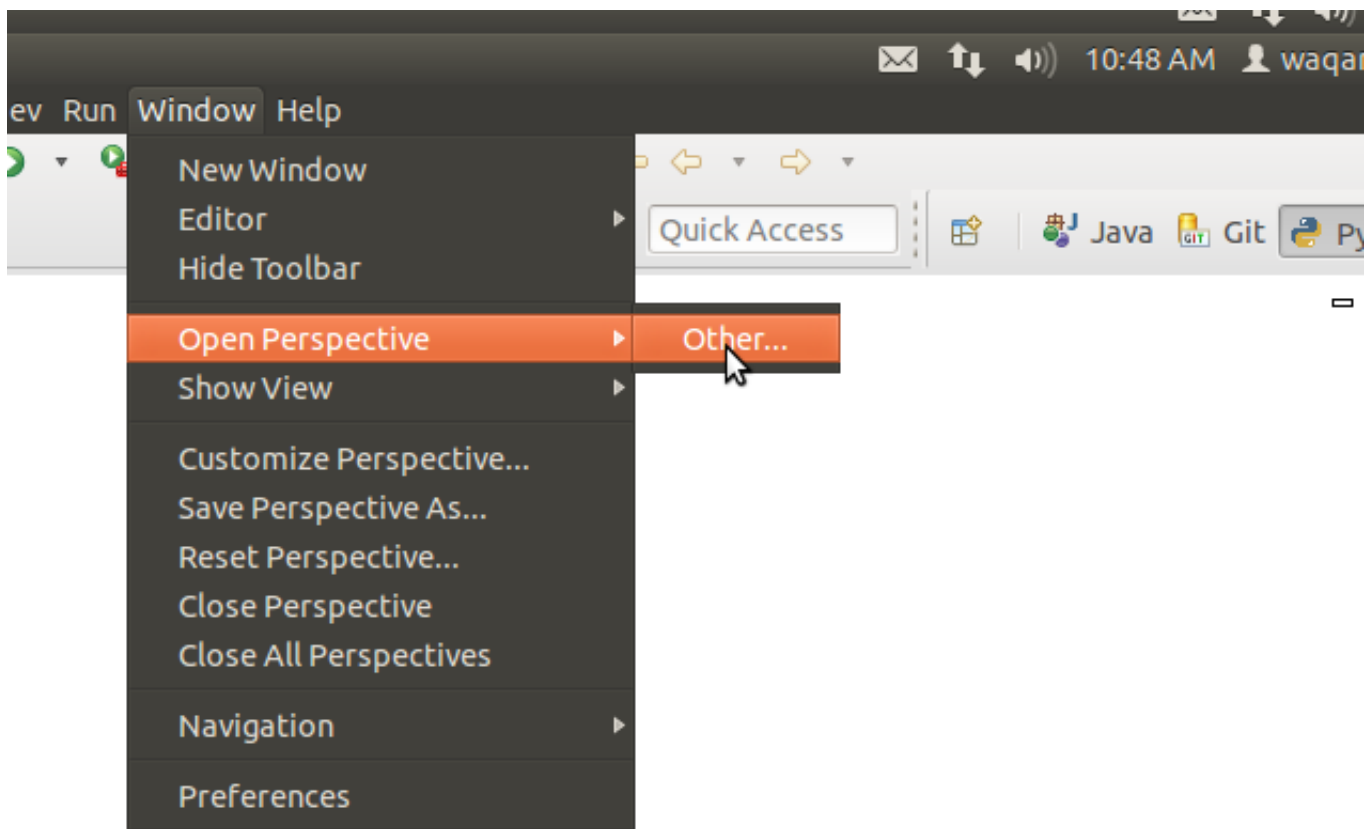
(<https://waqarafriid.files.wordpress.com/2015/01/08-licenceagreement.png>)

- Somewhere during installation you will be asked whether you trust the certificates of Aptana Pydev, Click "Select All" and Click OK to to exit the dialog box.



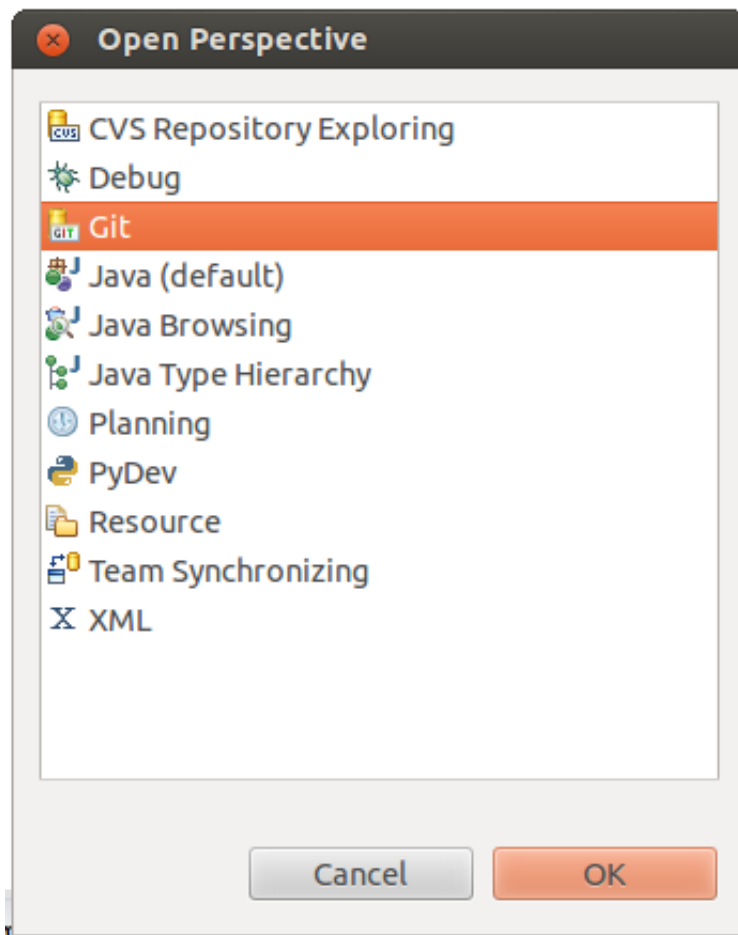
(<https://waqarafriid.files.wordpress.com/2015/01/09-certificate.png>)

- Once pydev installation is Done. We need to setup the GIT repository in order to download Odoo Source code. To do so, Click **Windows -> Open Perspective -> Other**



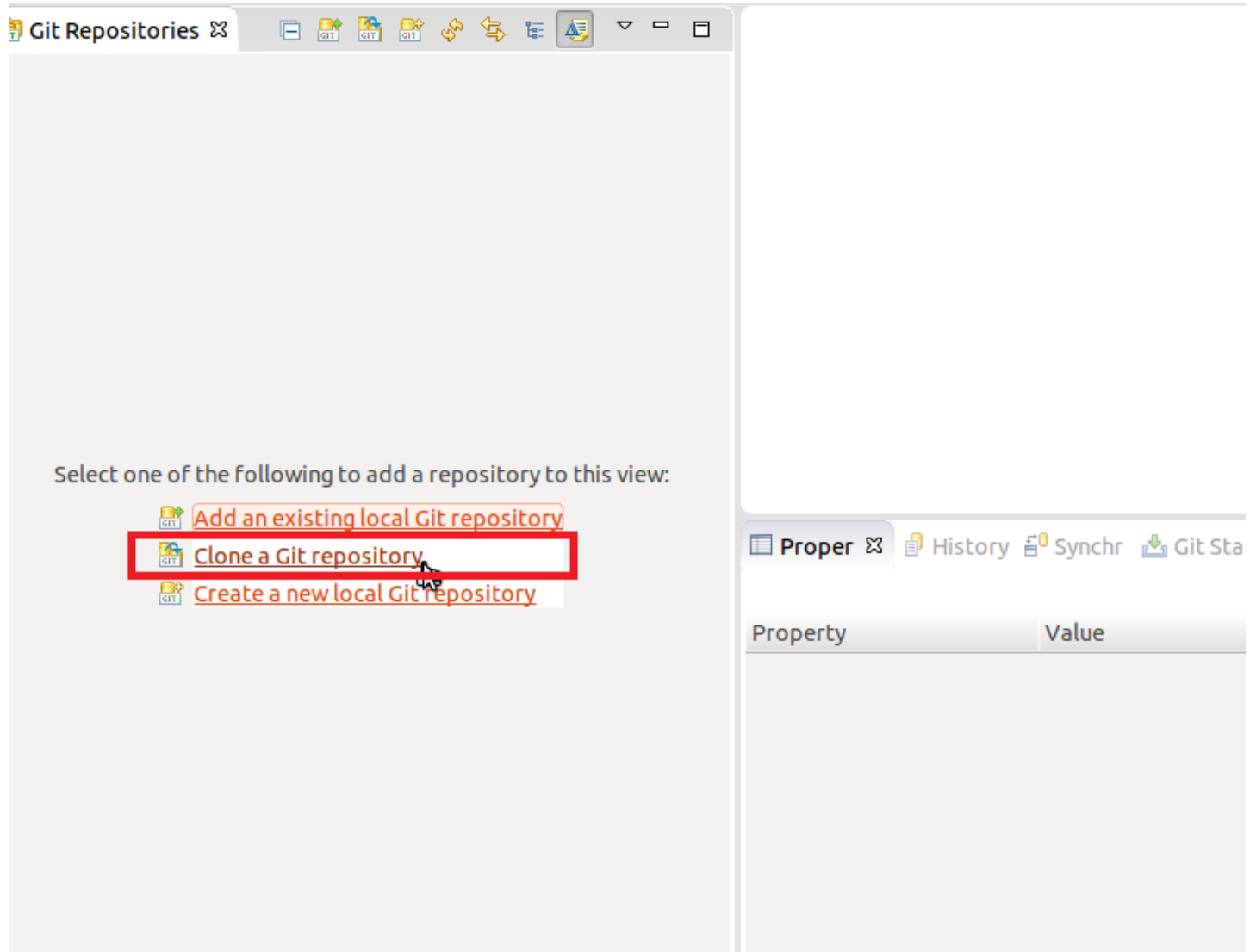
<https://waqarafriid.files.wordpress.com/2015/01/10-perspective.png>

- o A Window will Open ask you to select a perspective. Click **Git**



<https://waqarafriid.files.wordpress.com/2015/01/11-gitperspective.png>

- In Next Windows Select “**Clone a Git Repository**”



(<https://waqarafridi.files.wordpress.com/2015/01/12-gitclone.png>)

- Here type “<https://github.com/odoo/odoo.git> (<https://github.com/odoo/odoo.git>)“. The Rest of the Fields will get auto-fill, If not Do it according to the image below. Click Next

Clone Git Repository

Source Git Repository
Enter the location of the source repository.

Location

URI: Local File...

Host:

Repository path:

Connection

Protocol: ▼

Port:

Authentication

User:

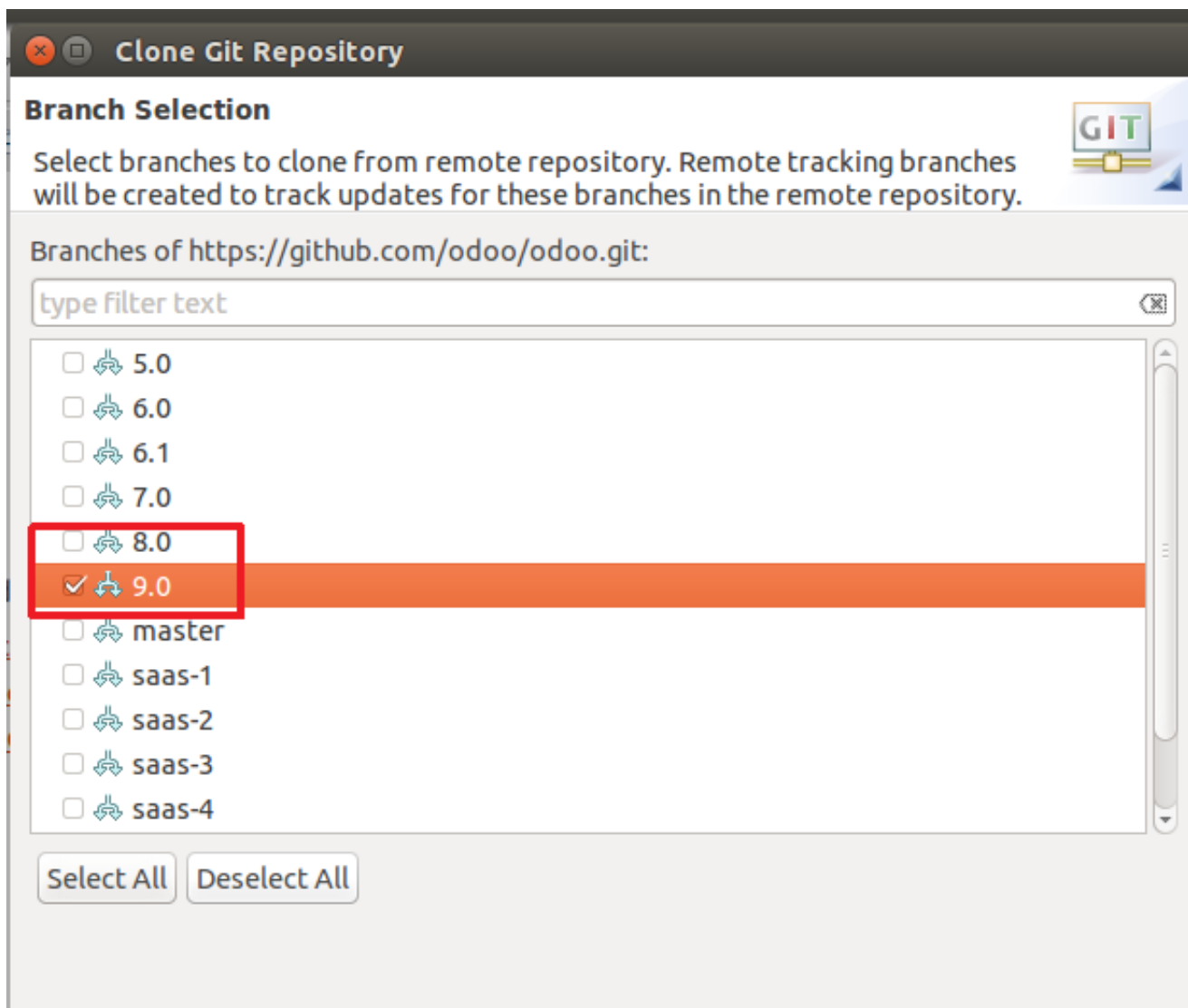
Password:

Store in Secure Store ☐

< Back Next > Cancel Finish

(<https://waqarafriid.files.wordpress.com/2015/01/13-gitrepopaths.png>)

- o You will be presented which Branches you want to clone, You can see all of the versions of Odoo. **Deselect All** and and **Select 8.0 or 9.0** or which ever you will to.



(https://waqarafridi.files.wordpress.com/2015/01/odoo9_selection_cropped.png)


- o In next windows Select the Directory where you want to clone the Source and Click Finish. The Cloning Process will begin. This Process may Take a while depending on the speed of you Internet.

×

Clone Git Repository

Local Destination

Configure the local storage location for odoo.



Destination

Directory:

Initial branch:

☐ Clone submodules

Configuration

Remote name:

Projects

☐ Import all existing projects after clone finishes

Working sets

☐ Add project to working sets

Working sets:

?

< Back

Next >


Cancel

Finish

(<https://waqarfridi.files.wordpress.com/2015/01/15-gitlocalsavepath.png>)

×

Cloning from <https://github.com/odoo/odoo.git>



Operation in progress...

Receiving objects: 1% (13511/1351011)

☐ Always run in background

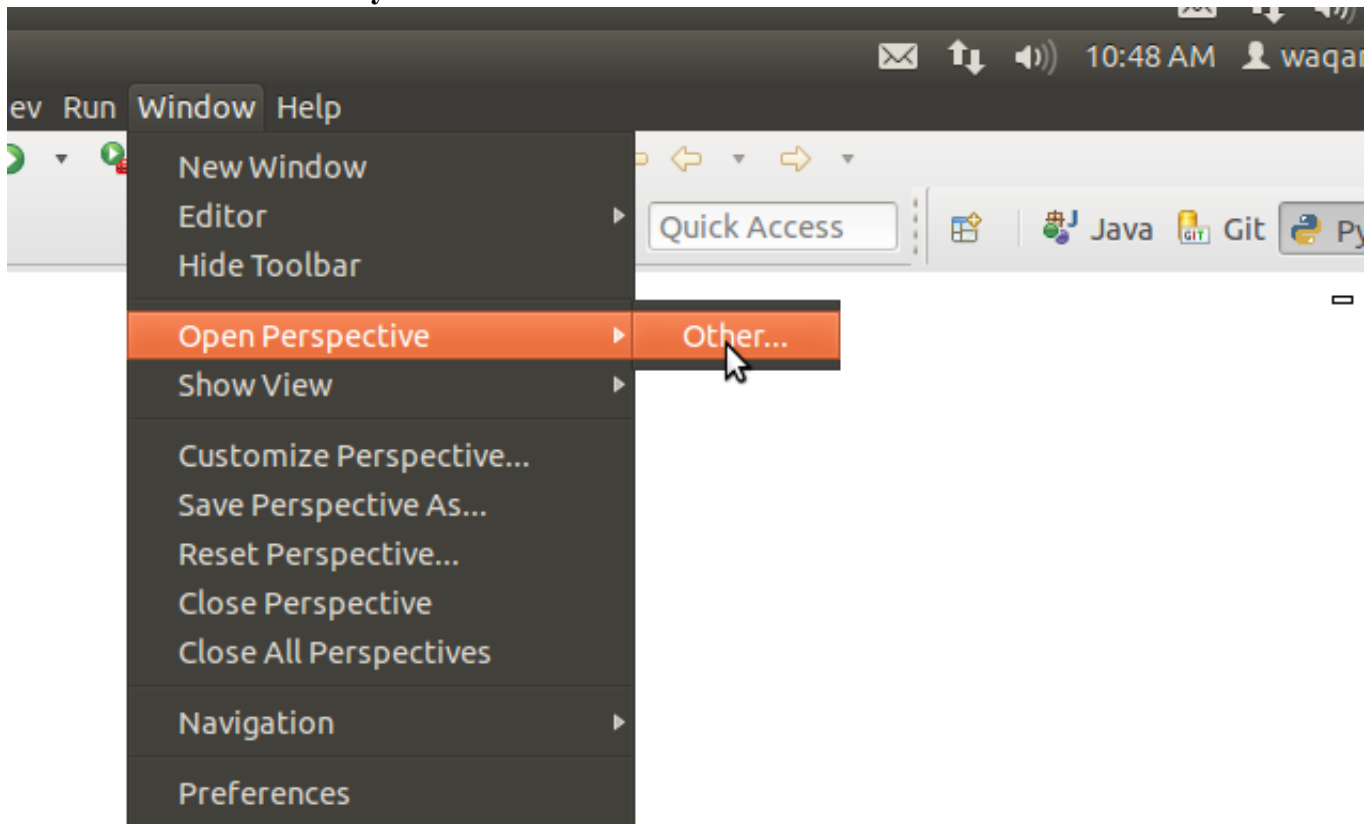
Cancel

Details >>

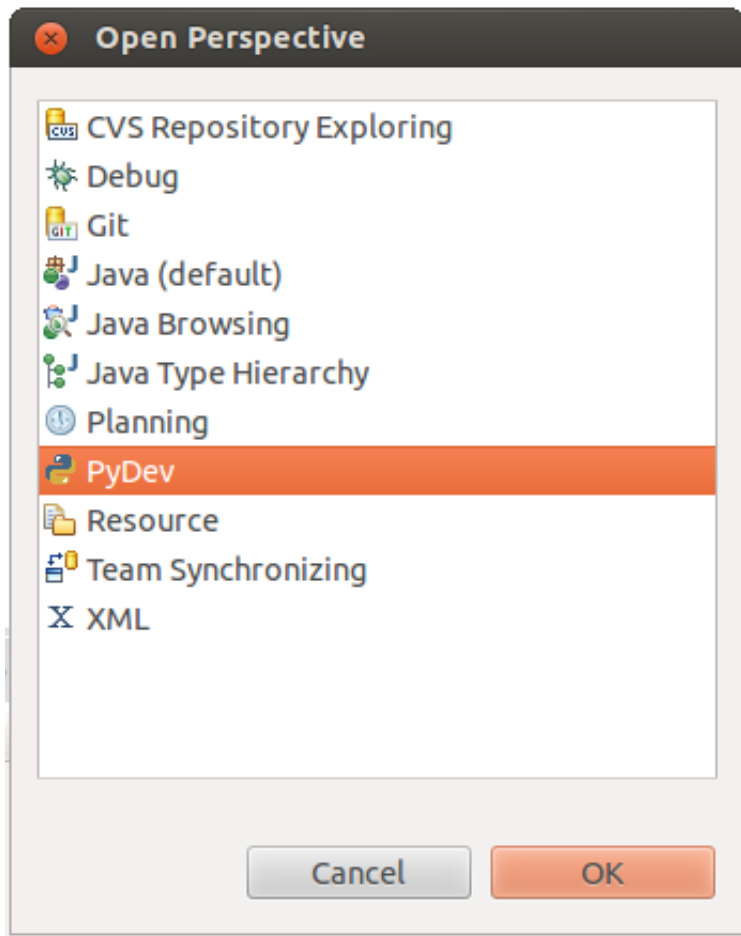
Run in Background

(<https://waqarfridi.files.wordpress.com/2015/01/16-cloneprocess.png>)

- Once the Cloning is Done. We need to import the source in to Eclipse. To do So, First we need to Setup eclipse's Perspective to work with Python. To do so click **Window -> Open Perspective -> Other** and from the Window Select **Pydev** and Click **OK**.

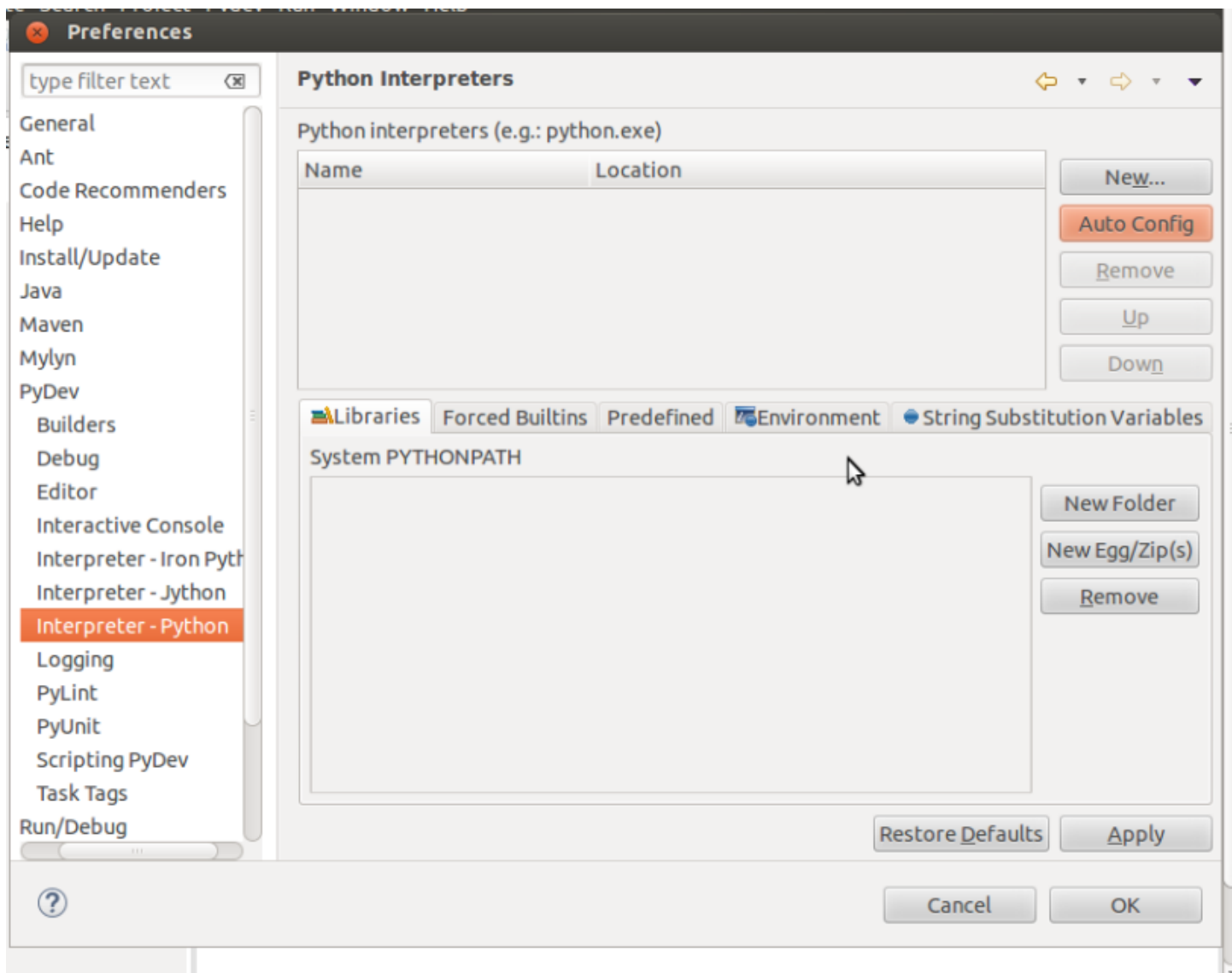


<https://waqarafriid.files.wordpress.com/2015/01/10-perspective.png>

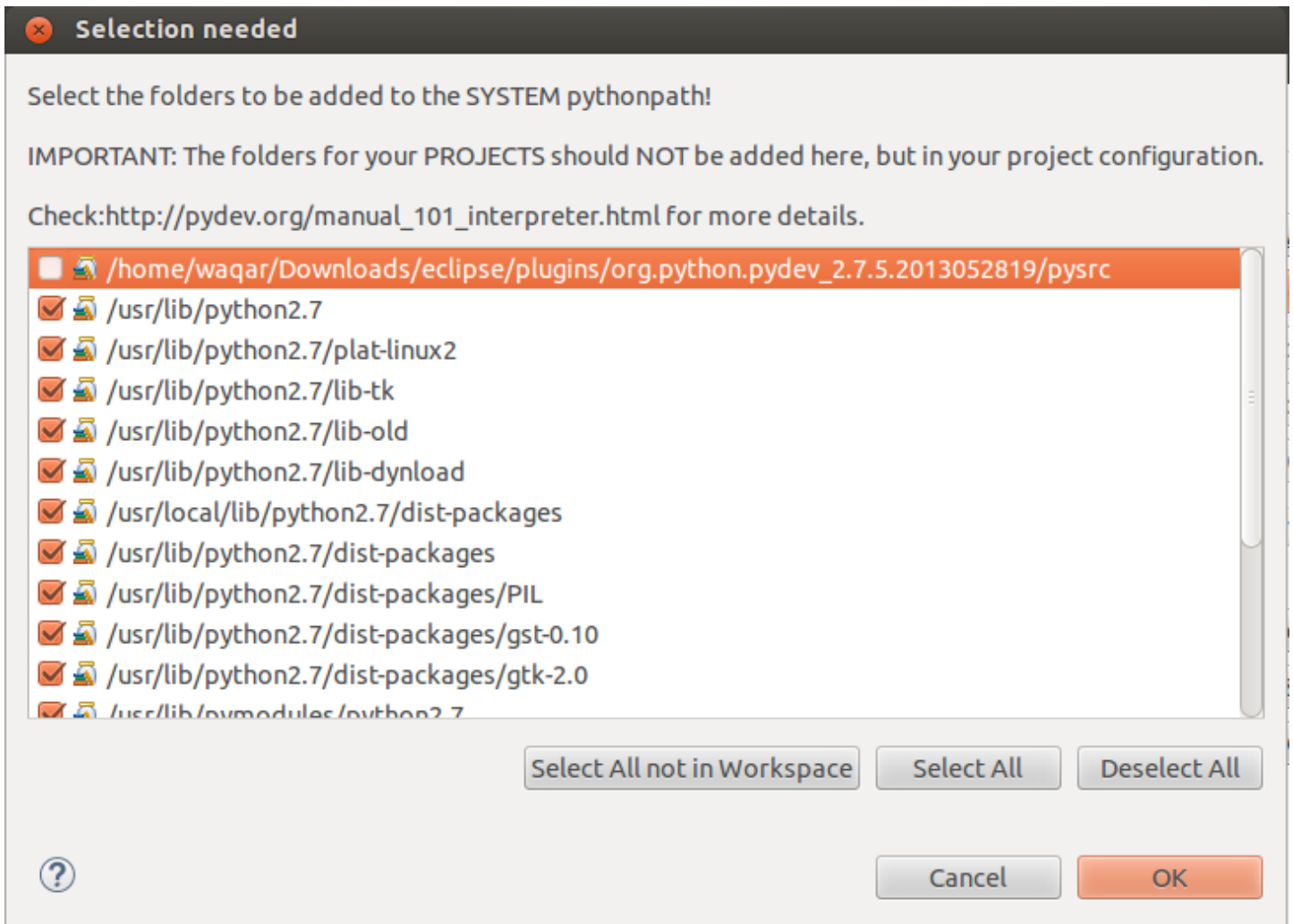


(<https://waqarafriid.files.wordpress.com/2015/01/17-pydevperspective.png>)

- o Next we Need to setup the Interpreter for python. To do so, Click **Windows -> Preference** and In the Left Pane, Select **Pydev** and the **Interpreter Python** and then Click **Auto-Config** on the Right side, The System will automatically detect Your python version and setup paths and rest of environment variables. Click **OK** to Close this Windows once eclipse is done setting up Environment.



(<https://waqarafriid.files.wordpress.com/2015/01/18-pydevinterpretersetup.png>)



(<https://waqarafridi.files.wordpress.com/2015/01/19-pydevinterpreterselection.png>)

- Now to import the source code into eclipse Click **File -> Pydev Project**. In project name type odoo (or which ever name you like). uncheck **Use Default** and click **Browse** and select the source directory as shown below and click **Finish**.

PyDev Project
Create a new Pydev Project.

Project name:

Project contents:
☒ Use default

Directory

Project type
Choose the project type
☒ Python ☐ Jython ☐ Iron Python

Grammar Version

Interpreter

[Click here to configure an interpreter not listed.](#)

☒ Add project directory to the PYTHONPATH?
☐ Create 'src' folder and add it to the PYTHONPATH?
☐ Don't configure PYTHONPATH (to be done manually later on)

(<https://waqarafridi.files.wordpress.com/2015/01/20-newprojectsettings.png>)

- o And you are done with Setting up Eclipse.

3. Setting up Odoo Configuration File

To create configure file for odoo type the following command

sudo nano /etc/openerp-server.conf

and then copy and paste the content below

[options]

; This is the password that allows database operations:

; admin_passwd = admin

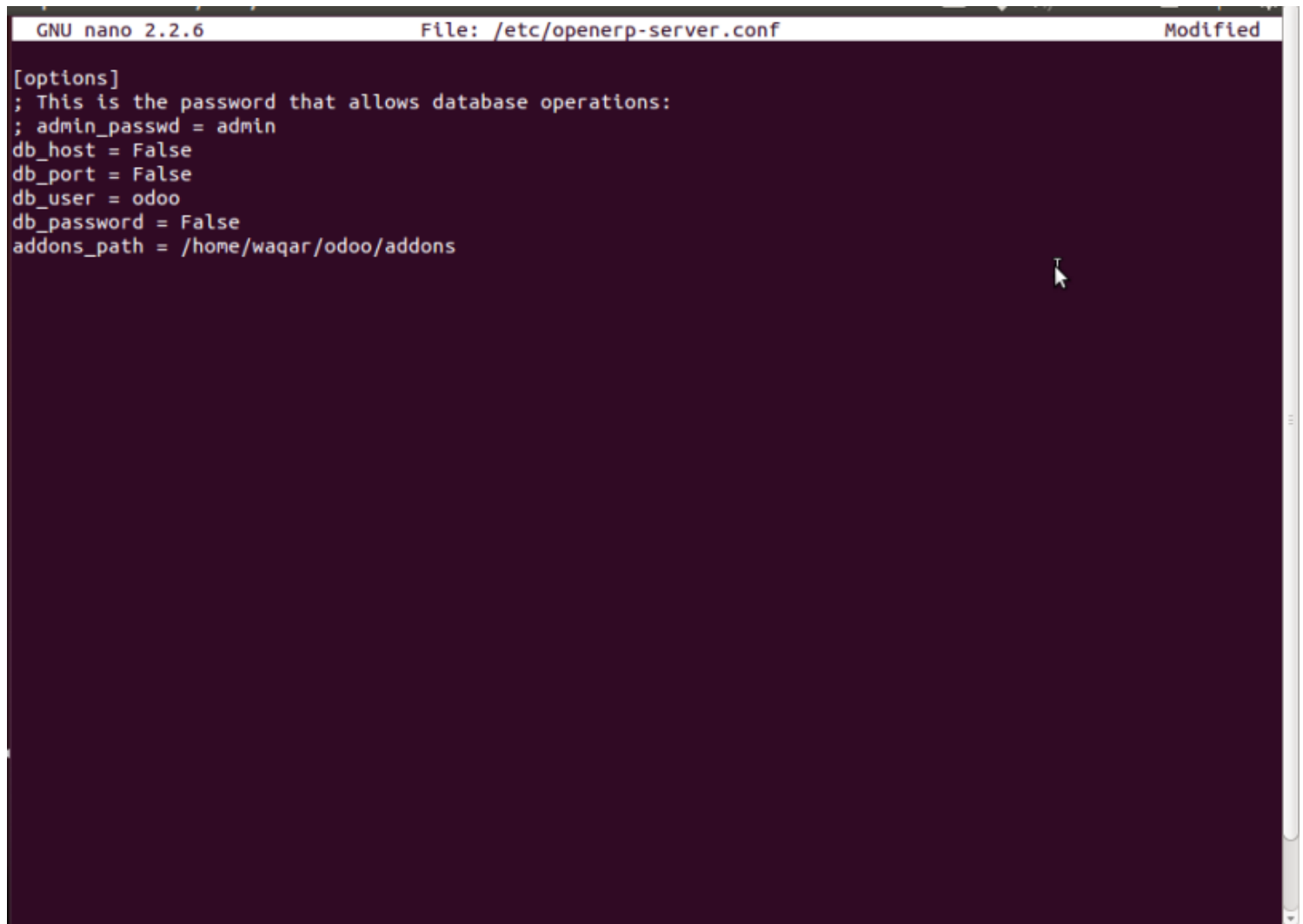
db_host = False

db_port = False

db_user = odoo

db_password = False

addons_path = /home/waqar/odoo/addons

A screenshot of a terminal window with a dark background. The title bar at the top shows 'GNU nano 2.2.6' on the left, 'File: /etc/openerp-server.conf' in the center, and 'Modified' on the right. The terminal content shows the same configuration as the text above: [options], ; This is the password that allows database operations:, ; admin_passwd = admin, db_host = False, db_port = False, db_user = odoo, db_password = False, and addons_path = /home/waqar/odoo/addons. A mouse cursor is visible on the right side of the terminal window.

(<https://waqarafridi.files.wordpress.com/2015/01/21-openerpconfig.png>)

ctrl + o to save the file and **ctrl + x** to exit nano.

Note:

Replace the Path to addons with your own addons directory. If you have followed exactly what I did, You wont be needing to change any of the above configuration.

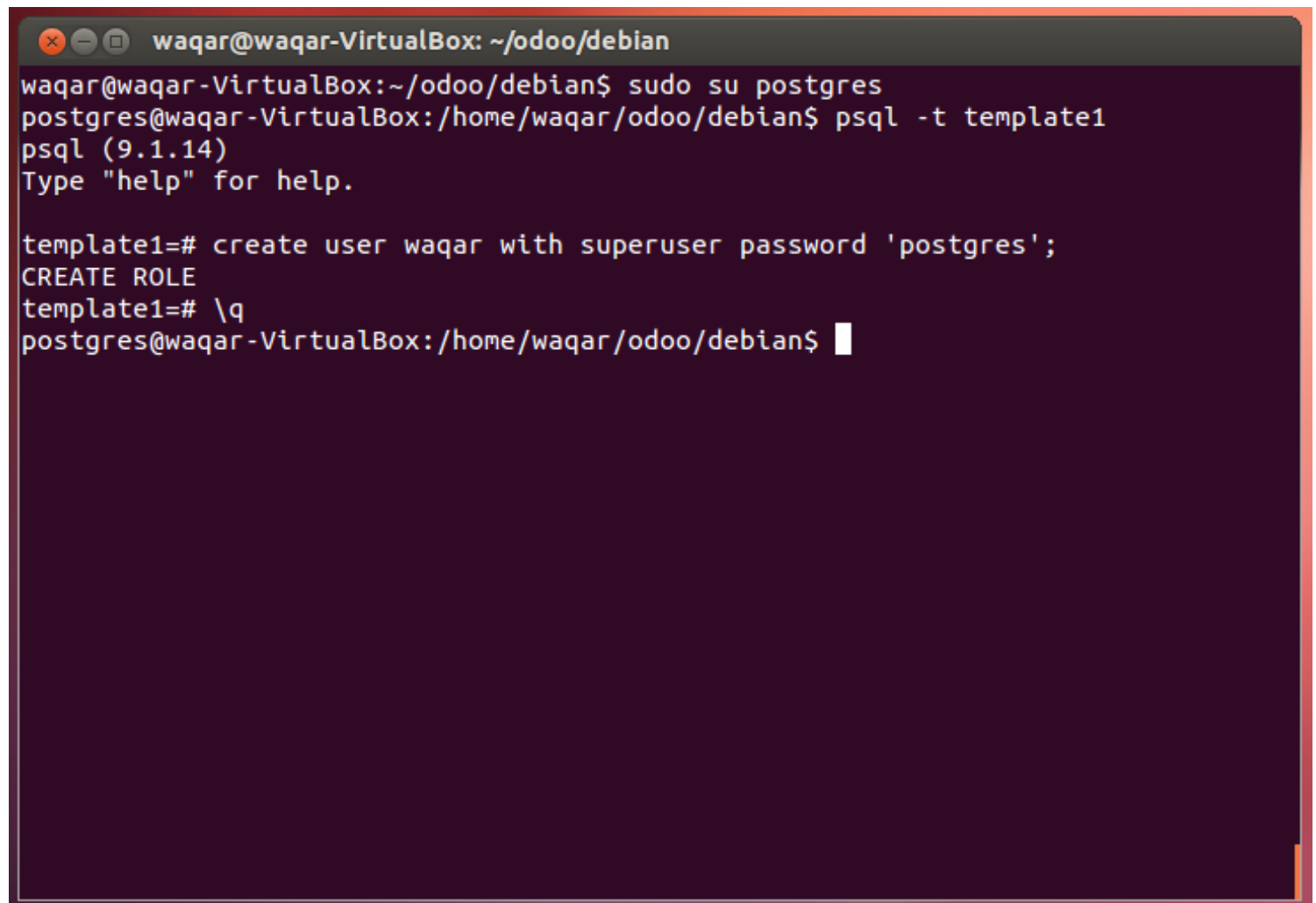
4. Configure PostgreSQL server

Now we need create a role in PostgreSQL for the user that will be Running Eclipse (and the Odoo Server in return). In Normal cases the will be the current logged-in user i.e your username with which you login.

To do so Type

```
sudo su postgres
psql -t template1
template1=# create user waqar with superuser password 'postgres';
template1=# \q
```

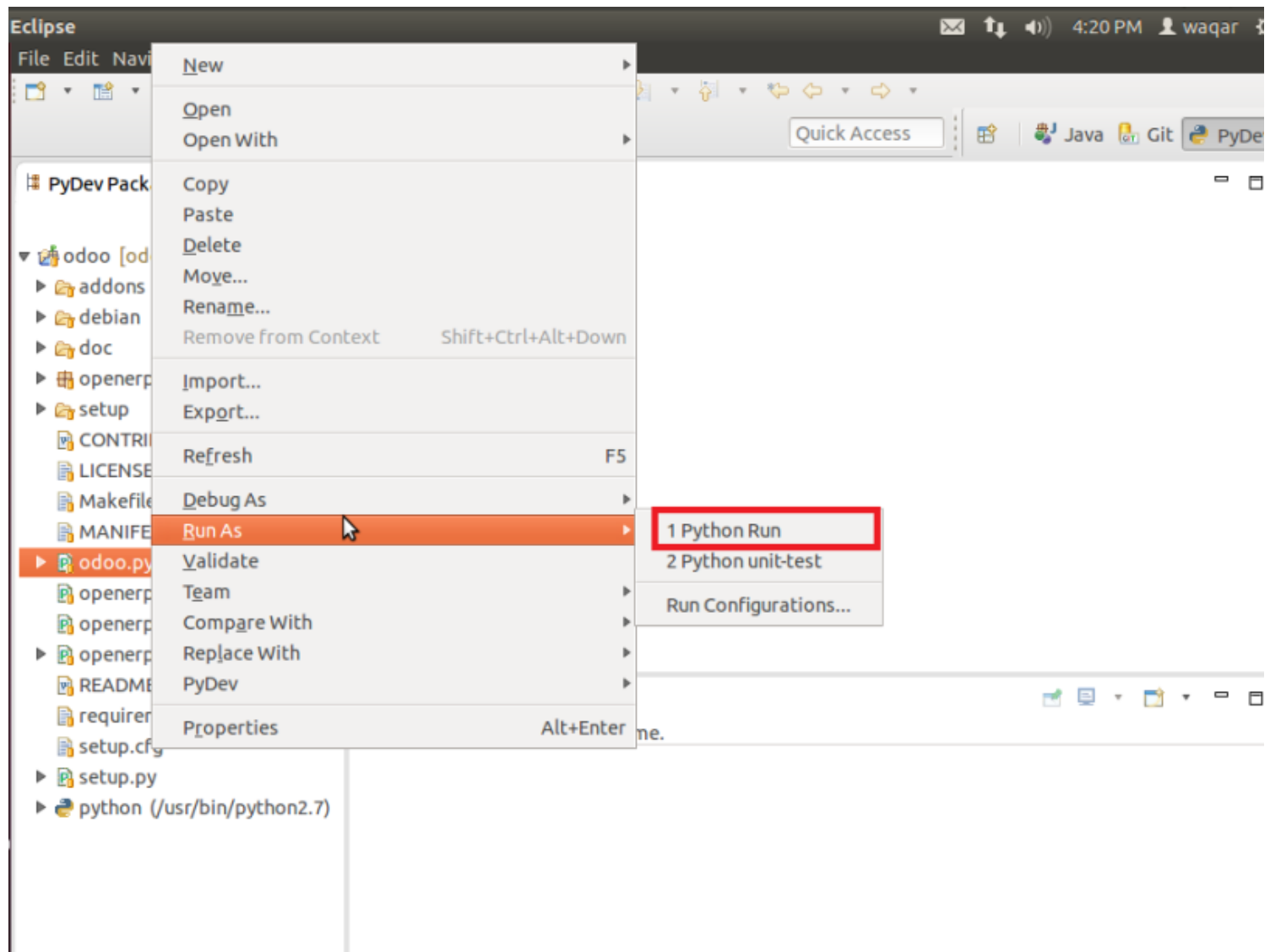
and type “**exit**” to exit from postgres user.

A screenshot of a terminal window titled 'waqar@waqar-VirtualBox: ~/odoo/debian'. The terminal shows the following commands and output: 1. 'sudo su postgres' is entered, and the prompt changes to 'postgres@waqar-VirtualBox:/home/waqar/odoo/debian\$'. 2. 'psql -t template1' is entered, and the prompt changes to 'psql (9.1.14)'. 3. 'Type "help" for help.' is displayed. 4. 'template1=# create user waqar with superuser password 'postgres';' is entered, and the output 'CREATE ROLE' is shown. 5. 'template1=# \q' is entered, and the prompt returns to 'postgres@waqar-VirtualBox:/home/waqar/odoo/debian\$'.

<https://waqarafridi.files.wordpress.com/2015/01/22-postgresrole.png>

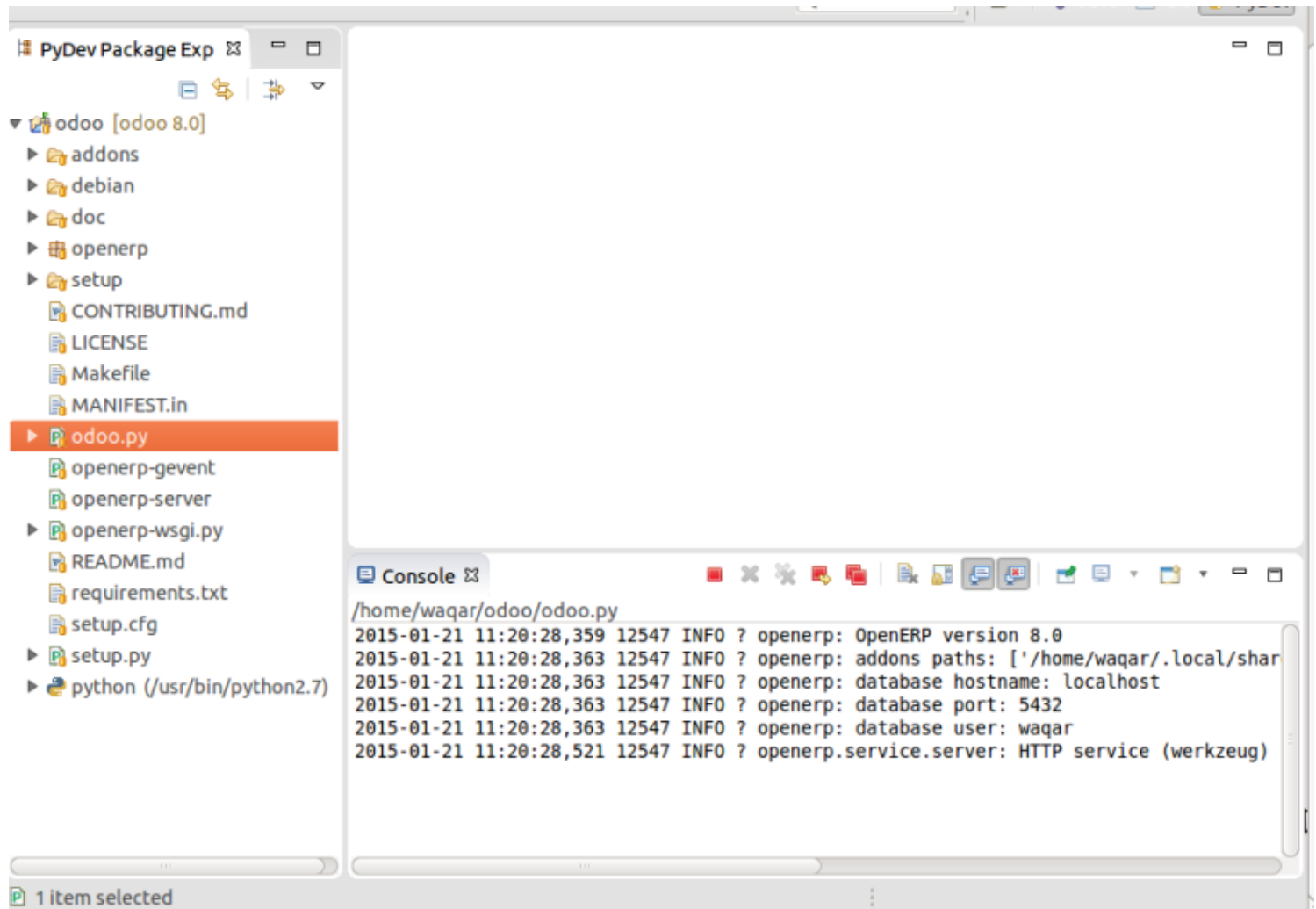
5. Running the Code

In Eclipse, Package Explorer, Right Click **odoo.py** and select **Run As Python Run**



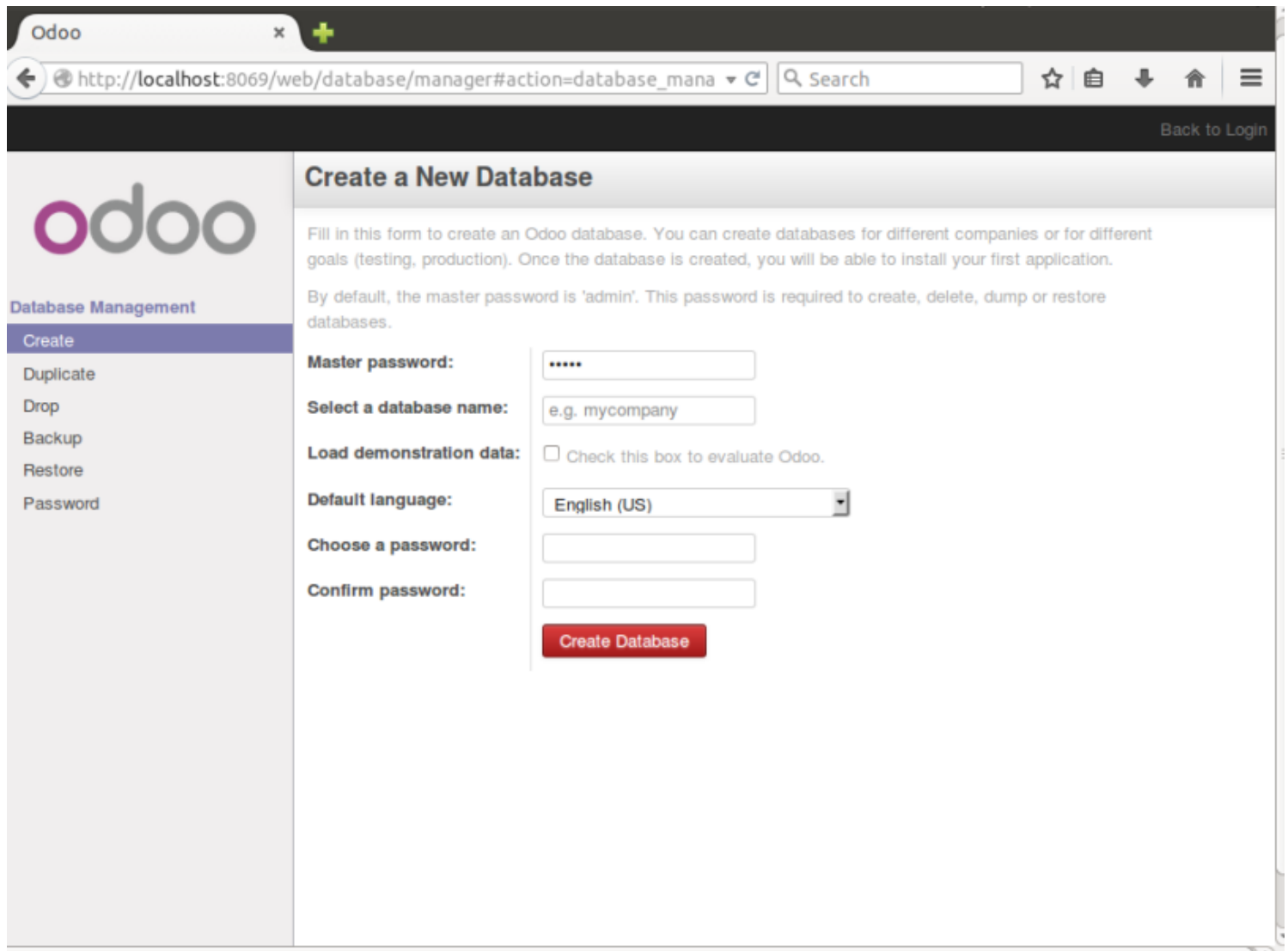
(<https://waqarafriid.files.wordpress.com/2015/01/23-runningcode.png>)

The Server will start Running.



<https://waqarafridi.files.wordpress.com/2015/01/24-coderunning.png>

Now to access the Webclient. Open your favorite Browser even if its Internet Explorer and type “localhost:8069” or “your IP Address:8069” and your done, Below the screen shot of Odoo 8.



The screenshot shows the Odoo 9 web interface for database management. The browser address bar indicates the URL is `http://localhost:8069/web/database/manager#action=database_mana`. The page title is "Odoo". The main heading is "Create a New Database". Below the heading, there is a paragraph explaining the purpose of the form: "Fill in this form to create an Odoo database. You can create databases for different companies or for different goals (testing, production). Once the database is created, you will be able to install your first application. By default, the master password is 'admin'. This password is required to create, delete, dump or restore databases."

The form contains the following fields and options:

- Master password:** A text input field with masked characters (dots).
- Select a database name:** A text input field with the placeholder text "e.g. mycompany".
- Load demonstration data:** A checkbox labeled "Check this box to evaluate Odoo."
- Default language:** A dropdown menu currently set to "English (US)".
- Choose a password:** A text input field.
- Confirm password:** A text input field.
- Create Database:** A red button at the bottom of the form.

On the left side, there is a sidebar menu titled "Database Management" with the following options: "Create" (highlighted), "Duplicate", "Drop", "Backup", "Restore", and "Password".

(<https://waqarafriid.files.wordpress.com/2015/01/24-webui.png>)

Here the Screenshot of **Odoo 9**

<https://waqarafriid.files.wordpress.com/2015/01/untitled.png>

Thats it. Do let me know If I am missing anything or I can add anything to it.

About these ads (<https://wordpress.com/about-these-ads/>)

[ODOO 8 DEVELOPMENT ENVIRONMENT SETUP](#), [ODOO 8 ECLIPSE](#), [ODOO 9 DEVELOPMENT ENVIRONMENT SETUP](#), [ODOO 9 ECLIPSE](#), [ODOO 9 SETUP ECLIPSE](#), [ODOO 9 VM](#), [ODOO DEVELOPMENT VIRTUAL MACHINE](#), [ODOO DEVELOPMENT VM](#), [ODOO VIRTUAL MACHINE](#), [ODOO VM](#), [OPENERP 8 SETUP ECLIPSE](#)

36 thoughts on “How to setup Odoo 9 and Odoo 8 development Environment”

ivan albizu says:

MARCH 1, 2015 AT 4:25 AM

Thank you very much for the explanation. It is well understood.

The only question is on the last screen:

I add a database name and password, but I have a error 500 Internal Server.

I din't know that failure

Thank you very much in advance!

REPLY 

waqarafridi says:

MARCH 2, 2015 AT 9:51 AM

I honestly never got this Error, I think you might have a previous version of OpenERP installed. You can try to solve it by clearing your Cookies and deleting user's sessions. You will find them in your home Dir under the folder

.local/share/Odoo/sessions

delete the content of session folder by using command

```
rm -rf .local/share/Odoo/sessions/*
```

Let me know if this works.

REPLY 

ivan albizu says:

MARCH 2, 2015 AT 1:21 PM

Thank you very much for the reply.

Yesterday I got it working. In the beginning of the article you mention it was for Ubuntu 12.04, and I'm doing with 14.04. The problem came from there. To fix it I added: sudo apt-get install python-passlib.

Now I have Odoo running!

Thanks, great post!

waqarafridi says:

MARCH 2, 2015 AT 2:05 PM

Glad to know its working, I will your add your Fix so that someone reading in near future might not have to go through the same problem

ivan albizu says:

MARCH 2, 2015 AT 1:24 PM

Reblogged this on maquetador and commented:

Gran artículo para instalar Odoo 8 en local y usar Eclipse para el desarrollo.

REPLY 

Robert says:

MARCH 13, 2015 AT 3:26 PM

I really don't understand why people doing it this way. What's the point do it manually instead of add one line of code into the /etc/apt/sources-list
 deb <http://nightly.odoo.com/8.0/nightly/deb/> ./
 then apt-get update and apt-get install odoo.
 Whole process is fully automatic and I've never had any problems with.

REPLY 

Robert says:

MARCH 13, 2015 AT 3:28 PM

Once system is up and running if you require anything else then just add it.

REPLY 

waqarafridi says:

MARCH 16, 2015 AT 10:11 AM

The Point is this Process is for developers, Not for the End users.

lamia says:

APRIL 3, 2015 AT 9:21 PM

First I want to thank you for this tutu it is so helpfull , but I am having this error don t know why

Exception in thread openerp.service.httppd:

Traceback (most recent call last):

File "/usr/lib/python2.7/threading.py", line 810, in __bootstrap_inner
 self.run()

File "/usr/lib/python2.7/threading.py", line 763, in run
 self.__target(*self.__args, **self.__kwargs)

File "/home/lamia/git/odoo/openerp/service/server.py", line 282, in http_thread
 self.httppd = ThreadedWSGIServerReloadable(self.interface, self.port, app)

File "/home/lamia/git/odoo/openerp/service/server.py", line 92, in __init__
 handler=RequestHandler)

File "/usr/lib/python2.7/dist-packages/werkzeug/serving.py", line 410, in __init__
 HTTPServer.__init__(self, (host, int(port)), handler)

File "/usr/lib/python2.7/SocketServer.py", line 419, in __init__
 self.server_bind()

File "/home/lamia/git/odoo/openerp/service/server.py", line 102, in server_bind
 super(ThreadedWSGIServerReloadable, self).server_bind()

File "/usr/lib/python2.7/BaseHTTPServer.py", line 108, in server_bind
 SocketServer.TCPServer.server_bind(self)

File "/usr/lib/python2.7/SocketServer.py", line 430, in server_bind
 self.socket.bind(self.server_address)

File "/usr/lib/python2.7/socket.py", line 224, in meth
 return getattr(self._sock,name)(*args)

error: [Errno 98] Address already in use

REPLY 

waqarafridi says:

APRIL 4, 2015 AT 10:30 AM

Read the very last line of the Error “error: [Errno 98] Address already in use” means the port on which you are trying to connect is already in use, means another instance of odoo is using this port. To solve this problem, kill the other instance. to do this type the following command

```
ps aux | grep odoo
```

this will return the all the running processes by the name of odoo, copy the pid of running and kill that process by using the following command

```
sudo kill -9 PID
```

Alternatively if you have previously odoo install and its up and running, you can stop it by issuing the following command

```
sudo service odoo stop
```

REPLY

lamia says:

APRIL 6, 2015 AT 2:35 PM

thanks for your response, actually this is my first installation of odoo in ubuntu 14.04 that is odd to have this exception although I can access to odoo via the web browser. I tried the commands above but it gave me another error :Internal server error.

Othmane GHANDI says:

APRIL 30, 2015 AT 4:50 PM

Hi

First of all, thank you for this tutorial, it was helpful for me.

Just when I come to the postgresSQL Configuration, I can't run the command :: create user waqar with superuser password 'postgres';.

And that's why I have this error when I try to run odoo Server:

```
File "/home/ghandi/workspace/odoo/addons/bus/bus.py", line 114, in loop
with openerp.sql_db.db_connect('postgres').cursor() as cr:
File "/home/ghandi/workspace/odoo/openerp/sql_db.py", line 571, in cursor
return Cursor(self.__pool, self.dbname, self.dsn, serialized=serialized)
File "/home/ghandi/workspace/odoo/openerp/sql_db.py", line 181, in __init__
self._cnx = pool.borrow(dsn)
File "/home/ghandi/workspace/odoo/openerp/sql_db.py", line 460, in _locked
return fun(self, *args, **kwargs)
File "/home/ghandi/workspace/odoo/openerp/sql_db.py", line 522, in borrow
result = psycopg2.connect(dsn=dsn, connection_factory=PsycoConnection)
File "/usr/lib/python2.7/dist-packages/psycopg2/__init__.py", line 179, in connect
connection_factory=connection_factory, async=async)
OperationalError: FATAL: role "ghandi" does not exist
```

Thank you very much

REPLY 

waqarafridi says:

JUNE 8, 2015 AT 10:37 AM

Sorry for replying so late, I just saw this comment, Weird How come I haven't before For your Error, You can read the Last Line "OperationalError: FATAL: role "ghandi" does not exist" It means you have not created the Role, You think you have but haven't, This occurs due to Copying and pasting the commands directly from page and then running it, try to type the database part manually.

A colleague of mine was also have the same problem. And he was also just copy pasting :p by typing it manually, He did it.

REPLY 

Othmane Ghandi says:

FEBRUARY 9, 2016 AT 7:59 PM

Thank you for your reply. Indeed what you said is correct.

I managed this by using:

```
# sudo su - postgres
```

```
# createuser -createdb -username postgres -no-createdb -no-superuser -pwprompt ghandi
```

boloter says:

JUNE 8, 2015 AT 6:48 AM

It's work for me, thx bro, but I want to install both odoo v8 and odoo master (v9) in the same server, but it's not work. Although I have created different database and user for odoo master. Help pls.

REPLY 

waqarafridi says:

JUNE 8, 2015 AT 10:34 AM

Thanx for commenting, Well...I haven't done anything like so far, So I don't know what to say, you can ask this question from odoo community but here are few things you can try...

First use different ports for both server, e.g. odoo 8 xml rpc server runs on port 8069 and so will odoo 9, you will get a Port in Use Error if you want to use both, So change the port number of one of the servers.

Next I think the database structure might conflict, but you already said that you are using different databases. I had the same issue when I was using OpenERP 5 and odoo 8 together, I was in hurry so I moved one to a VM, but I never tried it again. You can and then you can post here on how you did it

REPLY 

Boloter says:

JUNE 8, 2015 AT 10:56 AM

Yes, I have used different port for xmlrpc_port ,
xmlrpcs_port and netrpc_port 8070.

Hehehe, yup, VM is my choice to solve this.

Thx u for your respon.

Rgds

egonzalez1111 says:

JUNE 9, 2015 AT 8:40 PM

¿password VM?

odoo

REPLY _

waqarafridi says:

JUNE 9, 2015 AT 11:19 PM

its "admin" without quotes, all small letters

REPLY _

andre says:

SEPTEMBER 15, 2015 AT 11:20 PM

Thank You very much for great job. I couldn't mount VBoxGuestAdditions.iso for change the monitor settings. How to change it? Thank You in advance.

andre says:

SEPTEMBER 15, 2015 AT 11:48 PM

i fixed problem. thank you for your work)))

REPLY _

waqarafridi says:

SEPTEMBER 16, 2015 AT 9:55 AM

Glad to know that you can post the solution here so that many other benefit from it. JIC you can put the VM in bridge mode and then ssh -X into it and access everything, the File Manager, Eclipse etc on your host PC. I usually prefer this way as I dont have to switch back and forth.

REPLY _

German A says:

OCTOBER 28, 2015 AT 12:11 AM

Hi Waqarafridi

I can run odoo8 without any problems

But when i try to run odoo9 I get this error: CRITICAL ? openerp.modules.module: Couldn't load module web.

Thats because its trying to read the path from odoo8 wich is: /home/hermanhy/git/odoo/openerp/addons but my odoo9 its saved here: /home/hermanhy/git/odoo9/openerp/addons

in the openerp-server.conf its changed

Thank You

REPLY _

waqarafridi says:

OCTOBER 28, 2015 AT 9:50 AM

You tried to run both on a single System, which you can't (as far as I know), You have to run one version of Odoo on a single system, If you want to run both, you can use virtual Machines, I have already provided the links for the VMs that I created.

Next you have changed that paths of Addons in /etc/odoo-server.conf but I think the problem is with the database as its still of OLD Odoo 8.

REPLY 

German A says:

OCTOBER 28, 2015 AT 8:59 PM

Thank You

I'm not trying to run them at the same time, I want to run them separately on the same system but I see that there is a problem with the paths. I don't know where to change.

Here is a screen shot.

Eclipse error

<http://postimg.org/image/f6l4jwy2n/>

Paths of local saved odoos

<http://postimg.org/image/701f4a63p/>

Databases

<http://postimg.org/image/pd5x5bict/>

Thank you waqarafridi

waqarafridi says:

OCTOBER 29, 2015 AT 11:33 AM

You Misread my previous comment, You should NOT run two versions of ODOO on the Same System, Either Running or even STOP odoo, they shouldn't be on the same system, as a Solution, either use Virtual Machines or TRY (I haven't done it my self yet, but theoretically it should work) make another user in the database for the version 9, I mean REPEAT the the whole database part for odoo with different database user, and when running odoo 9 pass the argument -c /path/to/odoo9/addons.

Hope this will work, if it does, let me know also.

zyalpisvereds says:

NOVEMBER 1, 2015 AT 9:12 AM

Hello , I would like to know why the Pydev must be version 2.7.5 ? Why not the latest version ?

REPLY 

waqarafridi says:

NOVEMBER 2, 2015 AT 9:48 AM

Well as far as I know, you cant run something written in python 2.7 in 3.x or latest, the code will break but you give it a try and let me know if it works, I will update it on my blog.

[REPLY](#) 

johnc says:

APRIL 6, 2016 AT 2:56 PM

pydev version is not related to python version. the latest version works fine

waqarafridi says:

APRIL 6, 2016 AT 3:20 PM

That's good to know, have you tested it your self?

jiv says:

FEBRUARY 3, 2016 AT 12:57 AM

how to create modules in windows odoo 9?

[REPLY](#) 

waqarafridi says:

FEBRUARY 3, 2016 AT 10:39 AM

I am thinking of writing a detail tutorial but for the time being you can take this course

<https://www.udemy.com/mastering-odoo-9-development-technical-fundamentals/>

[REPLY](#) 

robert roker says:

MARCH 5, 2016 AT 11:42 PM

Loved it ... worked great... But struggling how to setup run configuration parameters.. i.e. ./odoo.py – update [module]

[REPLY](#) 

waqarafridi says:

MARCH 21, 2016 AT 9:09 AM

–update? are you trying to update some module?

[REPLY](#) 

d2tran says:

MARCH 21, 2016 AT 8:03 AM

The article is awesome! Thank you very much.

[REPLY](#) 

waqarafridi says:

MARCH 21, 2016 AT 9:25 AM

Thanks for you kind comments

[REPLY](#) 

