

# odoo

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*A great option to make software-dev*

## E1 - CUSTOMIZING APPS

1. **About odoo.conf (odoo 16.0).**
2. **Install / Update odoo modules through odoo command.**
3. **Docker compose file.**
4. **Check DB data with psql.**
5. **References.**

## 1. ABOUT ODOO.CONF (ODOO 16.0)

When you start from zero a docker container with odoo v16.0 image and create your db, the generated odoo.conf only will have one parameter (admin\_passwd). To save all the configuration the server runs, you must set this *command* at odoo section (see topic 3):

```
command: odoo --save --stop-after-init
```

**NOTE** When you start the containers with ***docker-compose up*** you'll watch the message ***[odoo image name] exited with code 0***, so you must delete or comment the added command and do over ***docker-compose up*** to take in count your odoo.conf.

## 2. INSTALL / UPDATE ODOO MODULES THROUGH ODOO COMMAND

You can use **"-i your\_module"** (install) or **"-u your\_module"** (update) odoo command flag after set the **"-d db\_name"** flag. To indicate this bash codeline to docker, add / modify your docker-compose.yml at the odoo image section with this *command* (see topic 3):

```
command: odoo -c [odoo.conf] -d [db_name] -i [your_module]  
command: odoo -c [odoo.conf] -d [db_name] -u [your_module]
```

**NOTE** These commands are to enhance your productivity developing odoo modules, e.g. decreasing time gaps between do changes, navigate to Apps screen and restarting odoo server.

### 3. DOCKER COMPOSE FILE

The recommended file content to follow this lesson:

```
version: '3.1'
services:

  odoo:
    container_name: odoo16
    image: odoo:16.0
    env_file: .env
    ports:
      - "127.0.0.1:8069:8069"
    # WARNING: For saving all the running config of server,
    # once saved it comment again with "#"
    # command: odoo --save --stop-after-init
    # WARNING: For update/install modules inside the container, also enable
    # the unit-testing of the indicated module (quit # before --test-enable)
    # command: odoo -c /etc/odoo/odoo.conf -d test16 -u
    create_project_from_sale_order #--test-enable
    depends_on:
      - postgres
    volumes:
      - odoo16-data:/var/lib/odoo
      - ./config-16:/etc/odoo
      - ./custom-addons-16:/mnt/extra-addons

  postgres:
    container_name: postgres-for-odoo16
    image: postgres
    env_file: .env
    volumes:
      - postgres-db:/var/lib/postgresql/data/pgdata

volumes:
  odoo16-data:
  postgres-db:
```

## 4. CHECK DB DATA WITH PSQL

To watch you odoo db, you can use the **psql** postgres tool, with the next docker command:

```
docker exec -it --env-file [envfile] [postgres_container] psql -U [postgres_user]
-d [postgres_db]
```

*Example:*

```
docker exec -it --env-file .env postgres-for-odoo16 psql -U odoo -d test16
```

## 5. REFERENCES

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