

# PgAdmin

## Creación de Módulo

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### Intro

#### Step 1: Setup Development Environment

- Odoo modules are stored in a custom directory
- Ensure you have a custom directory to store your module

```
mkdir -p  
/opt/odoo/custom_addons  
  
cd /opt/odoo/custom_addons
```

- Ensure that this directory is accessible by the Odoo user

```
sudo chown -R odoo:odoo /opt/odoo/custom_addons
```

- Update the Odoo configuration file (/etc/odoo/odoo.conf) to include this path

```
sudo nano  
/etc/odoo/odoo.conf
```

- Locate the addons\_path line and modify it

```
addons_path = /opt/odoo/custom_addons,/usr/lib/python3/dist-packages/odoo/addons
```

- Save and exit

- Restart Odoo

```
sudo systemctl restart odoo
```

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## Step 2: Create the Module Skeleton

- Navigate to the custom modules directory

```
cd  
/opt/odoo/custom_addons
```

- Use the Odoo scaffold command to generate a basic module structure

```
sudo /usr/bin/odoo scaffold my_product_module /opt/odoo/custom_addons
```

- Navigate into the module

```
cd my_product_module
```

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### Step 3: Define the Module Manifest

- Edit the `__manifest__.py` file

```
nano  
__manifest__.py
```

- Modify it as follows

```
{  
  
    'name': 'My Product Module',  
  
    'version': '1.0',  
  
    'summary': 'Manage product entities with CRUD operations',  
  
    'author': 'Your Name',  
  
    'category': 'Inventory',  
  
    'license': 'LGPL-3',  
  
    'depends': ['base'],  
  
    'data':  
  
    [  
  
        'security/ir.model.access.csv',  
  
        'views/my_product_entity_view.xml',  
  
    ],  
  
    'installable': True,  
  
    'application': True,  
  
}
```

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#### Step 4: Install the Module in Odoo

Restart the Odoo server:

```
sudo systemctl restart  
odoo
```

Enable developer mode by adding ?debug=1 at the end of the Odoo URL:

<http://localhost:8069/web?debug=1>

- Go to **Apps**.
- Click **Update Apps List**.
- Search for My Product Module.
- Click **Install**.

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#### Step 5: Test the module

- Navigate to **My Product Module > Products**.