

# CREAR MODULO NUEVO EN ODOO v.16 (WINDOWS)

Una vez instalado el ERP, usamos el intérprete de Phyton que viene con Odoo, o cualquier otro que tengamos instalado, para hacer la creación del módulo a través de la herramienta de Odoo llamada “*Scaffold*”:

```
C:\> cd "C:\Program Files\Odoo16\  
  
C:\> .\python\python.exe .\server\odoo-bin scaffold nombre_modulo ruta_modulo_nuevo
```

Si obtenemos algún error de dependencias (es lo normal), las vamos instalando de una en una, dado que nos van saltando errores con el nombre del paquete que nos falta.

```
Administrador: Símbolo del sistema  
Downloading charset-normalizer-2.1.1-py3-none-any.whl (39 kB)  
Requirement already satisfied: idna<4,>=2.5 in c:\users\vrebo\appdata\local\programs\python\python311\lib\site-packages (from requests) (3.4)  
Collecting urllib3<1.27,>=1.21.1  
  Downloading urllib3-1.26.13-py2.py3-none-any.whl (140 kB)  
----- 140.6/140.6 kB 8.1 MB/s eta 0:00:00  
Collecting certifi>=2017.4.17  
  Downloading certifi-2022.12.7-py3-none-any.whl (155 kB)  
----- 155.3/155.3 kB 9.1 MB/s eta 0:00:00  
Installing collected packages: urllib3, charset-normalizer, certifi, requests  
Successfully installed certifi-2022.12.7 charset-normalizer-2.1.1 requests-2.28.1 urllib3-1.26.13  
  
C:\Program Files\Odoo16\server>python "C:\Program Files\Odoo16\server\odoo-bin" scaffold modulo_v "C:\Program Files\Odoo16\server\odoo\addons"  
Traceback (most recent call last):  
  File "C:\Program Files\Odoo16\server\odoo-bin", line 5, in <module>  
    import odoo  
  File "C:\Program Files\Odoo16\server\odoo\__init__.py", line 113, in <module>  
    from . import modules  
  File "C:\Program Files\Odoo16\server\odoo\modules\__init__.py", line 8, in <module>  
    from . import db, graph, loading, migration, module, registry, neutralize  
  File "C:\Program Files\Odoo16\server\odoo\modules\graph.py", line 10, in <module>  
    import odoo.tools as tools  
  File "C:\Program Files\Odoo16\server\odoo\tools\__init__.py", line 25, in <module>  
    from . import osutil  
  File "C:\Program Files\Odoo16\server\odoo\tools\osutil.py", line 95, in <module>  
    import win32service as ws  
ModuleNotFoundError: No module named 'win32service'  
  
C:\Program Files\Odoo16\server>py -m pip install win32service  
ERROR: Could not find a version that satisfies the requirement win32service (from versions: none)  
ERROR: No matching distribution found for win32service  
  
C:\Program Files\Odoo16\server>py -m pip install pypiwin32  
Collecting pypiwin32  
  Downloading pypiwin32-223-py3-none-any.whl (1.7 kB)  
Collecting pywin32>=223  
  Downloading pywin32-305-cp311-cp311-win_amd64.whl (12.1 MB)  
----- 12.1/12.1 MB 12.3 MB/s eta 0:00:00  
Installing collected packages: pywin32, pypiwin32  
Successfully installed pypiwin32-223 pywin32-305  
  
C:\Program Files\Odoo16\server>python "C:\Program Files\Odoo16\server\odoo-bin" scaffold modulo_v "C:\Program Files\Odoo16\server\odoo\addons"  
Traceback (most recent call last):  
  File "C:\Program Files\Odoo16\server\odoo-bin", line 5, in <module>  
    import odoo  
  File "C:\Program Files\Odoo16\server\odoo\__init__.py", line 117, in <module>  
    from . import service  
  File "C:\Program Files\Odoo16\server\odoo\service\__init__.py", line 6, in <module>  
    from . import server  
  File "C:\Program Files\Odoo16\server\odoo\service\server.py", line 21, in <module>  
    import psutil  
ModuleNotFoundError: No module named 'psutil'  
  
C:\Program Files\Odoo16\server>py -m pip install psutils  
ERROR: Could not find a version that satisfies the requirement psutils (from versions: none)  
ERROR: No matching distribution found for psutils  
  
C:\Program Files\Odoo16\server>py -m pip install psutil  
Collecting psutil  
  Downloading psutil-5.9.4-cp36-abi3-win_amd64.whl (252 kB)  
----- 252.5/252.5 kB 7.8 MB/s eta 0:00:00  
Installing collected packages: psutil  
Successfully installed psutil-5.9.4  
  
C:\Program Files\Odoo16\server>python "C:\Program Files\Odoo16\server\odoo-bin" scaffold modulo_v "C:\Program Files\Odoo16\server\odoo\addons"  
Traceback (most recent call last):  
  File "C:\Program Files\Odoo16\server\odoo-bin", line 5, in <module>  
    import odoo  
  File "C:\Program Files\Odoo16\server\odoo\__init__.py", line 133, in <module>  
    from . import cli  
  File "C:\Program Files\Odoo16\server\odoo\cli\__init__.py", line 11, in <module>  
    from . import scaffold  
  File "C:\Program Files\Odoo16\server\odoo\cli\scaffold.py", line 9, in <module>  
    import Jinja2  
ModuleNotFoundError: No module named 'Jinja2'  
  
C:\Program Files\Odoo16\server>py -m pip install Jinja2  
Collecting Jinja2  
  Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)  
----- 133.1/133.1 kB 7.7 MB/s eta 0:00:00  
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\vrebo\appdata\local\programs\python\python311\lib\site-packages (from Jinja2) (2.1.1)  
Installing collected packages: Jinja2  
Successfully installed Jinja2-3.1.2  
  
C:\Program Files\Odoo16\server>python "C:\Program Files\Odoo16\server\odoo-bin" scaffold modulo_v "C:\Program Files\Odoo16\server\odoo\addons"  
C:\Program Files\Odoo16\server>dir
```

Yo tuve que instalar estas (2º), después de actualizar mi intérprete de Phyton (1º) con estos comandos:

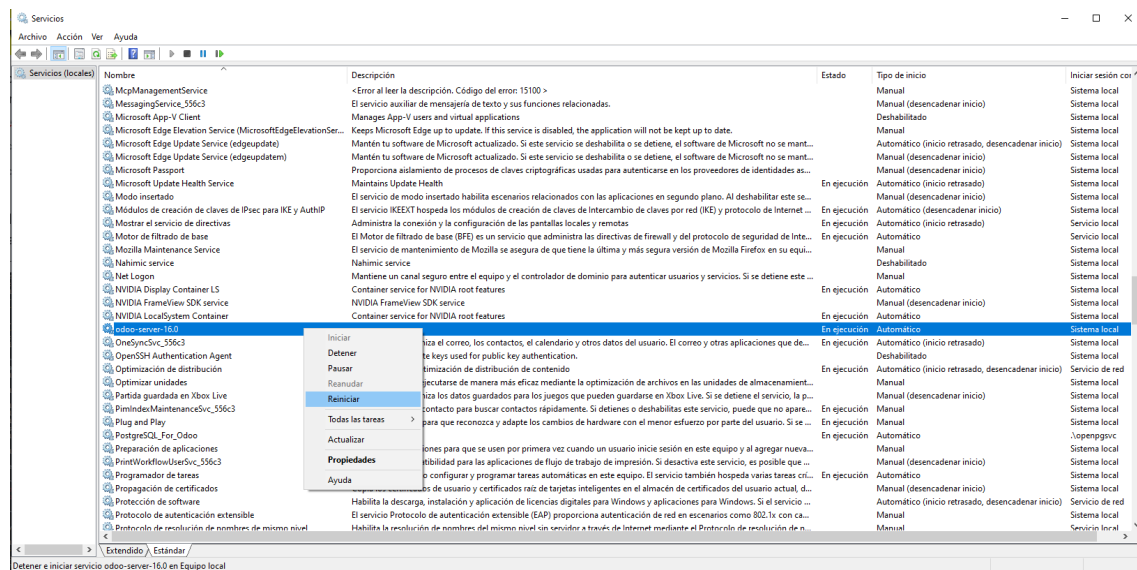
1º)

```
py -m pip install --upgrade pip setuptools Wheel
```

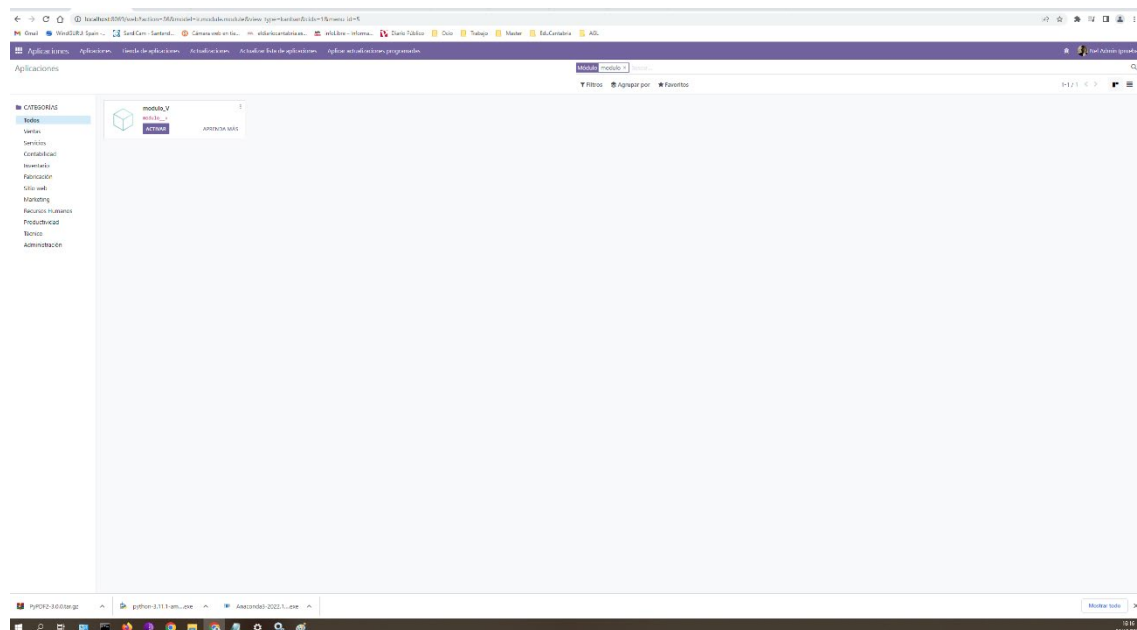
2º)

```
py -m pip install PyPDF2, psycopg2, passlib, PILlow, reportlab, babel, markupsafe,
werkzeug, lxml, decorator, python-dateutil, polib, idna, requests, pypiwin32, psutil,
jinja2
```

Obviamente, antes de buscar el nuevo módulo en el ERP hay que reiniciar el servicio de Windows para que Odoo nos encuentre los cambios.



El resultado final es nuestro nuevo módulo, que aparece si hacemos una búsqueda con su nombre. El mío lo he llamado modulo\_V.



FIN