

# CÓDIGOS EDITADOS

\_\_manifest\_\_

```
# -*- coding: utf-8 -*-
{
    'name': "library_aie",

    'summary': """
        Short (1 phrase/line) summary of the module's purpose, used as
        subtitle on modules listing or apps.openerp.com""",

    'description': """
        Long description of module's purpose
        """,

    'author': "My Company",
    'website': "https://www.yourcompany.com",

    # Categories can be used to filter modules in modules listing
    # Check
https://github.com/odoo/odoo/blob/16.0/odoo/addons/base/data/ir\_module\_category\_data.xml
    # for the full list
    'category': 'Uncategorized',
    'version': '0.1',

    # any module necessary for this one to work correctly
    'depends': ['base'],

    # always loaded
    'data': [
        'security/ir.model.access.csv',
        'views/autores_views.xml',
        'views/libros_views.xml',
        'views/socios_views.xml',
    ],

    # only loaded in demonstration mode
    'demo': [
        'demo/demo.xml',
    ],
}
```

## `__init__.py`

```
# -*- coding: utf-8 -*-

from . import libros

from . import autores

from . import socios
```

## `autores.py`

```
from odoo import models, fields

class Autores(models.Model):
    _name = 'library_aie.autores'
    _description = 'Autor'

    nombre = fields.Char(string="Nombre", required=True)
    pais = fields.Many2one('res.country', string="País de Origen")
    libros = fields.One2many(
        comodel_name='library_aie.libros',
        inverse_name='autor',
        string="Libros Escritos"
    )
```

## `libros.py`

```
from odoo import models, fields

class Libros(models.Model):
    _name = 'library_aie.libros'
    _description = 'Libro'

    titulo = fields.Char(string='Título', required=True)

    autor = fields.Many2one(
        comodel_name='library_aie.autores',
        string='Autor'
    )

    socio = fields.Many2many(
        'library_aie.socios',
        string='Socios que lo han alquilado',
        relation='socios_libros_rel',
```

```

        column1='libro_id',
        column2='socio_id'
    )

    genero = fields.Selection(
        [
            ('novela','Novela'),
            ('drama','Drama'),
            ('ciencia_ficcion','Ciencia ficción'),
            ('misterio','Misterio'),
            ('terror','Terror'),
            ('historico','Histórico')
        ],
        string='Género',
        default='terror'
    )

```

#### socios.py

```

from odoo import models, fields

class Socios(models.Model):
    _name = 'library_aie.socios'
    _description = 'Socios'

    nombre = fields.Char(string='Nombre', required=True)
    dni = fields.Char(string='DNI', required=True)
    libros_ids = fields.Many2many(
        comodel_name='library_aie.libros',
        string='Libros Prestados'
    )

```

#### ir.model.access.csv

	id	name	model_id:id	group_id:id	perm_read	perm_write	perm_create	perm_unlink
1	access_autores_user	access_autores_user	model_library_aie_autores	base.group_user	1	1	1	1
2	access_libros_user	access_libros_user	model_library_aie_libros	base.group_user	1	1	1	1
3	access_socios_user	access_socios_user	model_library_aie_socios	base.group_user	1	1	1	1

## autores\_views.xml

```
<odoo>
  <!-- Vista árbol -->
  <record id="autores_tree" model="ir.ui.view">
    <field name="name">autores.tree</field>
    <field name="model">library_aie.autores</field>
    <field name="arch" type="xml">
      <tree>
        <field name="nombre"/>
        <field name="pais"/>
        <field name="libros"/>
      </tree>
    </field>
  </record>

  <!-- Vista formulario -->
  <record id="autores_form" model="ir.ui.view">
    <field name="name">autores.form</field>
    <field name="model">library_aie.autores</field>
    <field name="arch" type="xml">
      <form>
        <sheet>
          <group>
            <field name="nombre"/>
            <field name="pais"/>
            <field name="libros"/>
          </group>
        </sheet>
      </form>
    </field>
  </record>

  <!-- Acción -->
  <record id="action_autores" model="ir.actions.act_window">
    <field name="name">Autores</field>
    <field name="res_model">library_aie.autores</field>
    <field name="view_mode">tree,form</field>
  </record>

  <!-- Menú -->
  <menuitem id="menu_autores" name="Autores" action="action_autores"/>
</odoo>
```

## libros\_views.xml

```
<odoo>
  <!-- Vista árbol -->
  <record id="libros_tree" model="ir.ui.view">
    <field name="name">libros.tree</field>
    <field name="model">library_aie.libros</field>
    <field name="arch" type="xml">
      <tree>
        <field name="titulo"/>
        <field name="autor"/>
        <field name="socio"/>
        <field name="genero"/>
      </tree>
    </field>
  </record>

  <!-- Vista formulario -->
  <record id="libros_form" model="ir.ui.view">
    <field name="name">libros.form</field>
    <field name="model">library_aie.libros</field>
    <field name="arch" type="xml">
      <form>
        <sheet>
          <group>
            <field name="titulo"/>
            <field name="autor"/>
            <field name="socio"/>
            <field name="genero"/>
          </group>
        </sheet>
      </form>
    </field>
  </record>

  <!-- Acción -->
  <record id="action_libros" model="ir.actions.act_window">
    <field name="name">Libros</field>
    <field name="res_model">library_aie.libros</field>
    <field name="view_mode">tree,form</field>
  </record>

  <!-- Menú -->
  <menuitem id="menu_libros" name="Libros" action="action_libros"/>
</odoo>
```

## socios\_views.xml

```
<odoo>
  <!-- Vista árbol -->
  <record id="socios_tree" model="ir.ui.view">
    <field name="name">socios.tree</field>
    <field name="model">library_aie.socios</field>
    <field name="arch" type="xml">
      <tree>
        <field name="nombre"/>
        <field name="dni"/>
        <field name="libros_ids"/>
      </tree>
    </field>
  </record>

  <!-- Vista formulario -->
  <record id="socios_form" model="ir.ui.view">
    <field name="name">socios.form</field>
    <field name="model">library_aie.socios</field>
    <field name="arch" type="xml">
      <form>
        <sheet>
          <group>
            <field name="nombre"/>
            <field name="dni"/>
            <field name="libros_ids"/>
          </group>
        </sheet>
      </form>
    </field>
  </record>

  <!-- Acción -->
  <record id="action_socios" model="ir.actions.act_window">
    <field name="name">Socios</field>
    <field name="res_model">library_aie.socios</field>
    <field name="view_mode">tree,form</field>
  </record>

  <!-- Menú -->
  <menuitem id="menu_socios" name="Socios" action="action_socios"/>
</odoo>
```