

# 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

	<b>id</b>	<b>name</b>	<b>model_id:id</b>	<b>group_id:id</b>	<b>perm_read</b>	<b>perm_write</b>	<b>perm_create</b>	<b>perm_unlink</b>
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>
```