

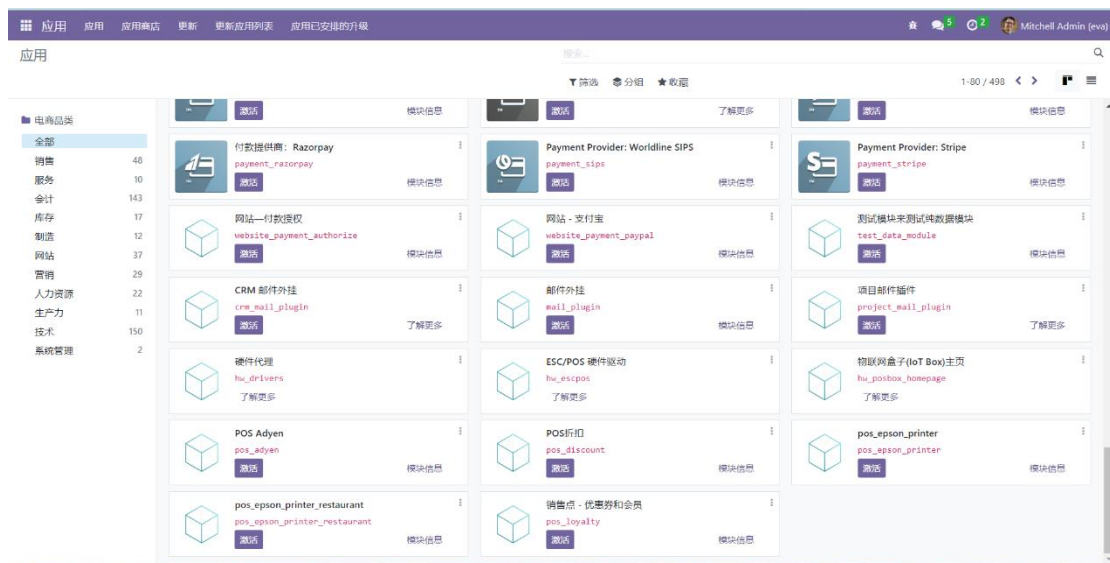
基于 ubuntu20.04.5 LTS 进行 odoo 14.0 的 carsale 模块开发

运行 wsl2 下 ubuntu20.04.5 LTS 分发 (linux)

(./odoo-bin --addons-path=addons -d \$user -i base)

```
Windows PowerShell
eva@evanthe: ~/linux_home/
eva@evanthe:~/linux_home/src/odoo$ ./odoo-bin --addons-path=addons -d eva
2022-11-13 05:40:23,623 501 INFO ? odoo: Odoo version 16.0
2022-11-13 05:40:23,623 501 INFO ? odoo: Using configuration file at /home/eva/.odoorc
2022-11-13 05:40:23,623 501 INFO ? odoo: addons paths: ['/home/eva/linux_home/src/odoo/odoo/addons', '/home/eva/.local/share/Odoo/addons/16.0', '/home/eva/linux_home/src/odoo/addons']
2022-11-13 05:40:23,623 501 INFO ? odoo: database: default@default:default
2022-11-13 05:40:23,741 501 INFO ? odoo.addons.base.models.ir_actions_report: A package may be missing to print Data Matrix barcodes: pylibdmx or libdmx.
2022-11-13 05:40:23,813 501 INFO ? odoo.addons.base.models.ir_actions_report: You need Wkhtmltopdf to print a pdf version of the reports.
2022-11-13 05:40:23,988 501 INFO ? odoo.service.server: HTTP service (werkzeug) running on evanthe.localdomain:8069
2022-11-13 05:40:24,029 501 INFO eva odoo.modules.loading: loading 1 modules...
2022-11-13 05:40:24,034 501 INFO eva odoo.modules.loading: 1 modules loaded in 0.00s, 0 queries (+0 extra)
2022-11-13 05:40:24,092 501 INFO eva odoo.modules.loading: loading 50 modules...
2022-11-13 05:40:24,522 501 INFO eva odoo.modules.loading: 50 modules loaded in 0.43s, 0 queries (+0 extra)
2022-11-13 05:40:24,599 501 INFO eva odoo.modules.loading: Modules loaded.
2022-11-13 05:40:24,607 501 INFO eva odoo.modules.registry: Registry loaded in 0.619s
2022-11-13 05:40:33,905 501 INFO eva odoo.addons.base.models.ir_http: Generating routing map for key None
2022-11-13 05:40:35,326 501 INFO eva werkzeug: 127.0.0.1 -- [13/Nov/2022 05:40:35] "GET /web HTTP/1.1" 200 - 89 0.091 1.332
2022-11-13 05:40:36,176 501 INFO eva werkzeug: 127.0.0.1 -- [13/Nov/2022 05:40:36] "GET /web/image?model=res.users&field=avatar_128&id=2 HTTP/1.1" 200 - 19 0.015 0.012
2022-11-13 05:40:36,226 501 INFO eva werkzeug: 127.0.0.1 -- [13/Nov/2022 05:40:36] "GET /bus/websocket_worker_bundle HTTP/1.1" 304 - 6 0.002 0.008
2022-11-13 05:40:36,272 501 INFO eva werkzeug: 127.0.0.1 -- [13/Nov/2022 05:40:36] "POST /web/action/load HTTP/1.1" 200 - 19 0.015 0.012
```

通过 localhost: 8069 访问 odoo (superuser:admin)



向导部分:

py 文件代码: 【all_carsale_report.py】

from odoo import fields,models,api,

class PatientReportWizard(models.TransientModel):

_name="patient.report.wizard"

_description="这是一个瞬态模型 patient_report_wizard"

gender=fields.Selection([('male', ';; 男')],

```
(&apos;female&apos;;, &apos;女&apos;); (&apos;other&apos;;, &apos;其它
&apos;);],required=True, default=&apos;other&apos;)
```

```
age = fields.Integer(string="Age")
```

```
def action_print_report(self):
```

```
data=
```

```
{
```

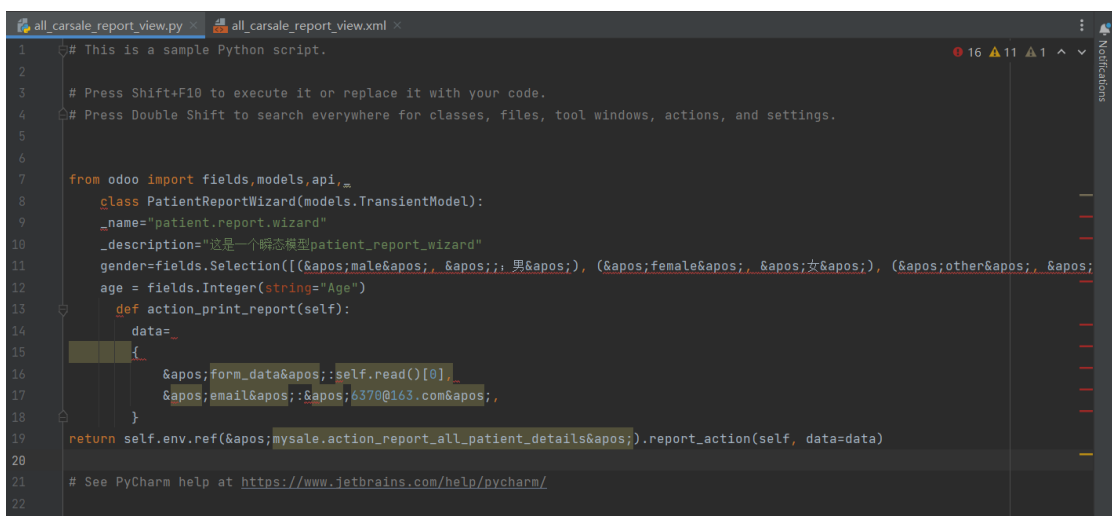
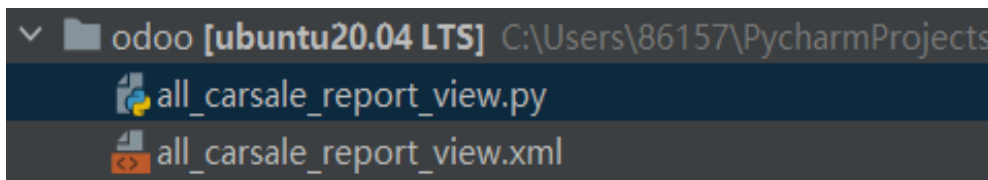
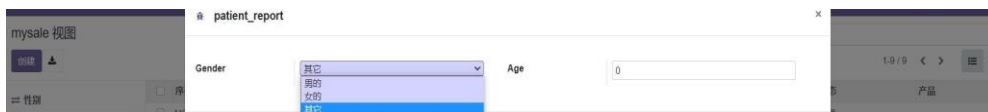
```
&apos;form_data&apos;;self.read()[0],
```

```
&apos;email&apos;;&apos;6370@163.com&apos;;,
```

```
}
```

```
return
```

```
self.env.ref(&apos;mysale.action_report_all_patient_details&apos;).report_action(self,
data=data)
```



xml 文件代码：【all_carsale_report_view.xml】

```
<?xml version="1.0" encoding="UTF-8" ?>
```

```
<odoo>
```

```
<record id="action_report_patient" model="ir.actions.act_window">
```

```
<field name="name">patient_report</field>
```

```
<field name="type">ir.actions.act_window</field>
```

```
<field name="res_model">patient.report.wizard</field>
```

```
<field name="view_mode">form</field>
```

```
<field name="view_id" ref="view_report_patient_form"/>
```

```
<field name="target">new</field>
```

```
</record>
```

```

<record id="view_report_patient_form" model="ir.ui.view">
    <field name="name">patient_report_form</field>
    <field name="model">patient.report.wizard</field>
    <field name="arch" type="xml">
        <form string="创建一个向导">
            <group>
                <group>
                    <field name="gender"/>
                </group>
                <group>
                    <field name="age"/>
                </group>
            </group>
            <footer>
                <button name="action_print_report" string="打印"
type="object" class="btn-primary"/>
                <button string="取消" class="btn-secondary"
special="cancel"/>
            </footer>
        </form>
    </field>
</record>
<menuitem id="menu_print_report"
    name="create_print_report"
    parent="menu_1_list"
    action="action_report_patient"
    sequence="100"/>
</odoo>

```

```

1  <?xml version="1.0" encoding="UTF-8" ?>
2  <odoo>
3      <record id="action_report_patient" model="ir.actions.act_window">
4          <field name="name">patient_report</field>
5          <field name="type">ir.actions.act_window</field>
6          <field name="res_model">patient.report.wizard</field>
7          <field name="view_mode">form</field>
8          <field name="view_id" ref="view_report_patient_form"/>
9          <field name="target">new</field>
10     </record>
11     <record id="view_report_patient_form" model="ir.ui.view">
12         <field name="name">patient_report_form</field>
13         <field name="model">patient.report.wizard</field>
14         <field name="arch" type="xml">
15             <form string="创建一个向导">
16                 <group>
17                     <group>
18                         <field name="gender"/>
19                     </group>
20                     <group>
21                         <field name="age"/>
22                     </group>
23                 </group>
24                 <footer>
25                     <button name="action_print_report" string="打印" type="object" class="btn-primary"/>
26                     <button string="取消" class="btn-secondary" special="cancel"/>
27                 </footer>
28             </form>
29         </field>
30     </record>

```

报告与模板部分:

py 文件代码: 【all_carsale_report.py】

```
from odoo import api, fields, models
```

```
class AllPatientReport(models.AbstractModel):
```

```
    _name='report.mysale.report_all_patient_list'
```

```
    _description = 'patient Report'
```

```
    @api.model
```

```
    def _get_report_values(self, docids, data=None):
```

```
        print("----", docids, data)
```

```
        domain=[]
```

```
        gender=data.get('form_data').get('gender')
```

```
        age=data.get('form_data').get('age')
```

```
        if buyer:
```

```
            domain+= [('gender','=',gender)]
```

```
        if havemoney>=salprice:
```

```
            domain+= [('money','=',money)]
```

```
        docs=self.env['mysale.mysale'].search(domain)
```

```
        return
```

```
        {
```

```
            'docs':docs,
```

```
            'email':'admin'
```

```
        }
```

【data 内容】:

```
---- None {'context': {'lang': 'zh_CN', 'tz': 'Asia/Shanghai', 'uid': 2,
```

```
'allowed_company_ids': [1], 'active_model': 'patient.report.wizard',
```

```
'active_id': 18, 'active_ids': [18]},
```

```
'form_data': {'id': 18, 'gender': 'other', 'age': 0, '__last_update': '2022-11-13
```

```
16:18:12', 'display_name': 'patient.report.wizard,18', 'create_uid': [2, 'Administrator'],
```

```
'create_date': '2022-11-13 16:18:12',
```

```
    'write_uid': [2, 'Administrator'], 'write_date': '2022-11-13 16:18:12'}, 'email': 'admin',
```

```
'report_type': 'pdf'}
```

```
all_carsale_report_view.py all_carsale_report_view.xml
1  # This is a sample Python script.
2
3  # Press Shift+F10 to execute it or replace it with your code.
4  # Press Double Shift to search everywhere for classes, files, tool windows, actions, and settings.
5
6
7  from odoo import api, fields, models
8  class AllPatientReport(models.AbstractModel):
9      _name = 'report.mysale.report_all_patient_list'
10     _description = 'patient Report'
11     @api.model
12     def _get_report_values(self, docids, data=None):
13         print("---", docids, data)
14         domain = []
15         gender = data.get('form_data').get('gender')
16         age = data.get('form_data').get('age')
17         if buyer:
18             domain += [('gender', '=', gender)]
19         if havemoney >= salprice:
20             domain += [('money', '=', money)]
21         docs = self.env['mysale.mysale'].search(domain)
22         return
23     {
24         'docs': docs,
25         'email': 'admin'
26     }
27     None, {'context': {'lang': 'zh_CN', 'tz': 'Asia/Shanghai', 'uid': 2, 'allowed_company_ids': [1], 'active_model': 'patient.report',
28     'active_id': 18, 'active_ids': [18]},
29     'form_data': {'id': 18, 'gender': 'other', 'age': 0, '__last_update': '2022-11-13 16:18:12', 'display_name': 'patient.report.wizard',
30     'write_uid': [2, 'Administrator'], 'write_date': '2022-11-13 16:18:12', 'email': 'admin', 'report_type': 'pdf'}}
AllPatientReport -> _get_report_values() -> 'email'
```

xml 文件代码：【all_carsale_report_view.xml】：

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<odoo>
```

```
    <template id="report_all_patient_list">
```

```
        <t t-call="web.html_container">
```

```
            <t t-call="web.external_layout">
```

```
                <div class="page">
```

```
                    <div class="oe_structure"/>
```

```
                    <div class="text-center">
```

```
                        <h2>Patients</h2>
```

```
                    </div>
```

```
                    <br/>
```

```
                    <table class="table table-bordered mt32">
```

```
                        <thead>
```

```
                            <tr>
```

```
                                <th name="th_name" class="text-left">
```

```
                                    <span>Name</span>
```

```
                                </th>
```

```
                                <th name="th_name" class="text-left">
```

```
                                    <span>Gender</span>
```

```
                                </th>
```

```
                                <th name="th_name" class="text-left">
```

```
                                    <span>Age</span>
```

```
                                </th>
```

```
                            </tr>
```

```
                        </thead>
```

```
                        <span>Email
```

```

        <t t-esc="email"/>
    </span>
    <t t-foreach="docs" t-as="line">
        <tr>
            <td>
                <span t-field="line.name"/>
            </td>

            <td>
                <span t-field="line.gender"/>
            </td>

            <td>
                <span t-field="line.age"/>
            </td>
        </tr>
    </t>
</table>
</div>
</t>
</template>
</odoo>

```

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <odoo>
3      <template id="report_all_patient_list">
4          <t t-call="web.html_container">
5              <t t-call="web.external_layout">
6                  <div class="page">
7                      <div class="oe_structure"/>
8                      <div class="text-center">
9                          <h2>Patients</h2>
10                     </div>
11                     <br/>
12                     <table class="table table-bordered mt32">
13                         <thead>
14                             <tr>
15                                 <th name="th_name" class="text-left">
16                                     <span>Name</span>
17                                 </th>
18                                 <th name="th_name" class="text-left">
19                                     <span>Gender</span>
20                                 </th>
21                                 <th name="th_name" class="text-left">
22                                     <span>Age</span>
23                                 </th>
24                             </tr>
25                         </thead>
26                         <span>Email
27                             <t t-esc="email"/>
28                         </span>
29                         <t t-foreach="docs" t-as="line">
30                             <tr>

```

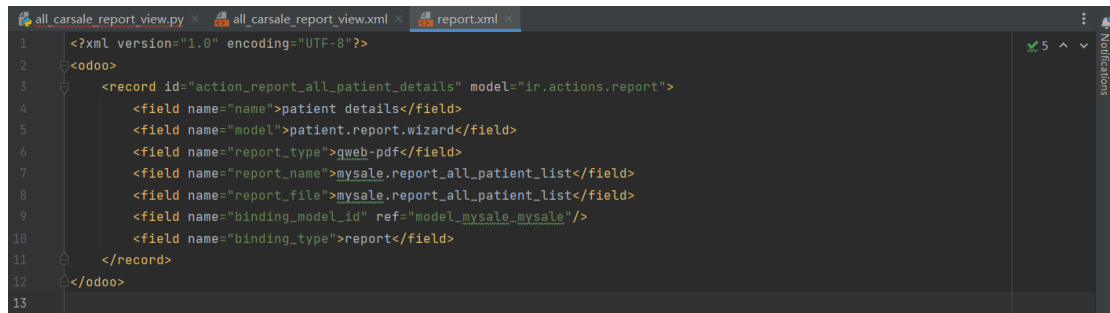
xml 文件代码【report.xml】:

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<odoo>
```

```
    <record id="action_report_all_patient_details" model="ir.actions.report">
```

```
<field name="name">patient details</field>
<field name="model">patient.report.wizard</field>
<field name="report_type">qweb-pdf</field>
<field name="report_name">mysale.report_all_patient_list</field>
<field name="report_file">mysale.report_all_patient_list</field>
<field name="binding_model_id" ref="model_mysale_mysale"/>
<field name="binding_type">report</field>
</record>
</odoo>
```



The screenshot shows a code editor with three tabs: 'all_carsale_report_view.py', 'all_carsale_report_view.xml', and 'report.xml'. The 'report.xml' tab is active, displaying the following XML code:

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <odoo>
3   <record id="action_report_all_patient_details" model="ir.actions.report">
4     <field name="name">patient details</field>
5     <field name="model">patient.report.wizard</field>
6     <field name="report_type">qweb-pdf</field>
7     <field name="report_name">mysale.report_all_patient_list</field>
8     <field name="report_file">mysale.report_all_patient_list</field>
9     <field name="binding_model_id" ref="model_mysale_mysale"/>
10    <field name="binding_type">report</field>
11  </record>
12 </odoo>
13
```

carsale 模块输出示例（表格）：

User ID	Gender	Age	AnnualSalary	Purchased
1	Female	20	22500	0
2	Female	38	34500	0
3	Male	50	25500	0
4	Male	41	73500	0
5	Female	50	37500	0
6	Female	48	114500	1
7	Male	35	22000	0
8	Male	60	34000	0
9	Male	48	34500	0
10	Female	60	35500	0
11	Male	36	21500	0
12	Male	60	76500	1
13	Male	42	54000	0
14	Male	38	71500	1
15	Female	35	65000	0
16	Female	40	74500	1
17	Female	28	37000	0
18	Male	46	23500	0
19	Female	19	87500	1
20	Female	52	21000	0
21	Female	36	98500	1
22	Female	44	82500	1
23	Female	47	83500	1
24	Male	35	75000	1
25	Female	61	103500	1
26	Female	51	98500	1
27	Male	60	42000	0
28	Female	61	97500	1
29	Male	29	43000	0
30	Male	40	61000	0
31	Female	41	57500	0
32	Female	58	27500	0
33	Male	47	89500	1
34	Male	35	116500	1
35	Female	42	75500	1
36	Male	39	60500	0
37	Female	55	105500	1
38	Male	22	73500	1
39	Male	43	65500	0
40	Female	48	31500	0
41	Male	27	90000	1
42	Male	57	74000	1
43	Male	38	63500	0

44	Female	42	61500	0
45	Male	39	72500	1
46	Male	41	61500	0
47	Male	63	85500	1
48	Male	20	86000	1
49	Male	49	119500	1
50	Female	51	37500	0
51	Male	26	30000	0
52	Male	47	34000	0
53	Male	28	91500	1
54	Male	37	53000	0
55	Female	33	151500	1
56	Female	42	73500	1
57	Male	47	105000	1
58	Male	56	40500	0
59	Female	62	78500	1
60	Female	43	80500	1
61	Male	36	89500	1
62	Female	56	36500	0
63	Male	27	87500	1
64	Female	48	133500	1
65	Female	42	73500	1
66	Male	41	53500	0
67	Female	26	15000	0
68	Female	36	61500	0
69	Female	59	102500	1
70	Male	57	134500	1
71	Male	27	89000	1
72	Male	42	73500	1
73	Female	47	51000	0
74	Male	42	53500	0
75	Female	35	147000	1
76	Female	54	148500	1
77	Male	35	44500	0
78	Female	33	136500	1
79	Female	41	52500	0
80	Female	27	57000	0
81	Male	48	41000	0
82	Male	48	33000	0
83	Male	32	18000	0
84	Female	47	30000	0
85	Female	28	55500	0
86	Female	61	49500	0
87	Female	49	39000	0

88	Male	42	73000	1
89	Female	42	31500	0
90	Male	36	39500	0
91	Female	43	91500	1
92	Male	49	28000	0
93	Male	48	24500	0
94	Male	42	136500	1
95	Female	42	108000	1
96	Female	39	56500	0
97	Female	59	76000	1
98	Male	59	143000	1
99	Female	55	92500	1
100	Female	55	27500	0