

New reporting view

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SUMMARY

1 Introduction - Account Contract Dashboard

2 Definition - QWeb Template and JS

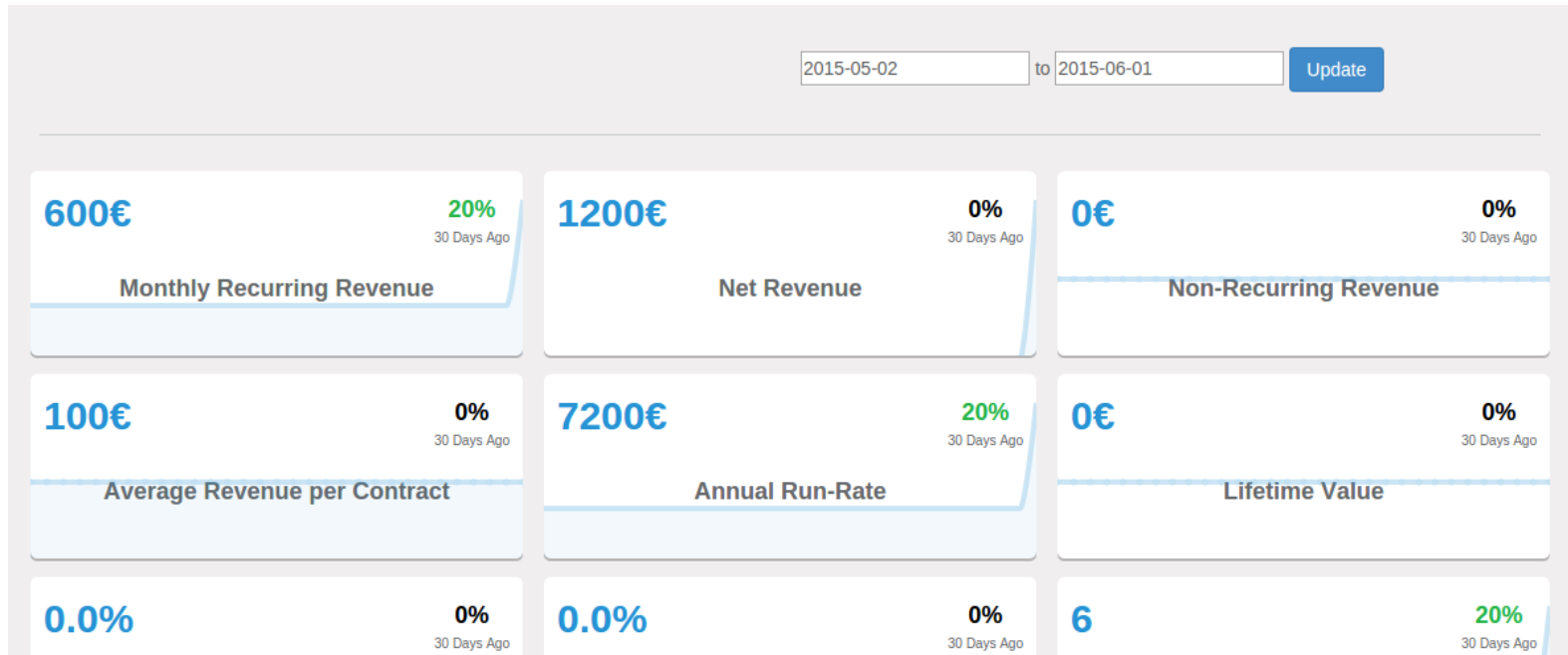
3 Link - Python Controller and routes

4 Backend - Client action with IFrame Widget

5 Conclusion

Introduction - Account Contract Dashboard

- A completely customizable reporting view, integrated in the backend



Definition - QWeb template and JS

- Create your page with QWeb template

```
<odoo>
<template id="dashboard" name="Recurring Revenue Dashboard" page="True">
  <div id="wrap">
    <div class="container">
      <!-- Inputs -->
      <div class="row">
        <div class="col-sm-12"><
          <form action="/submit">
            <input name="start_date"/> to <input name="end_date"/> <button class="btn btn-primary" type="submit">Update</button>
          </form>
        </div>
      </div>
      <hr/>
      <!-- Graphs -->
      <div class="row">
        <t t-foreach="stats" t-as="stat">
          <div class="col-sm-4">
            <a href="account_contract_dashboard/detailed">
              <div class="box"/>
            </a>
          </div>
        </t>
      </div>
    </div>
  </div>
</template>
</odoo>
```

- Customize the compartment with JS

Link - Python Controller and routes

To contact the backend, define a new route

- route: URL → action performed by server
- defined in Python, in a controller
- choose the template to render

```
class AccountContractDashboard(http.Controller):  
    # define my customer Controller  
  
    @http.route('/account_contract_dashboard', auth='user', website=True)  
    def account_contract_dashboard(self, **kw):  
        # calculate variables needed in the template  
  
        return http.request.render('account_contract_dashboard.dashboard', {  
            'my_variable': my_variable,  
        })
```

Backend - Client action

To add a link in the backend

- define a new JS module
- extend the IFrame Widget by defining your URL
- add your widget in the client action

```
odoo.define('account_contract_dashboard.Backend', function (require) {
    'use strict';

    var core = require('web.core');
    var IFrameWidget = require('web.IFrameWidget');

    var account_contract_dashboard_main = IFrameWidget.extend(
        init: function(parent) {
            _super(parent, '/account_contract_dashboard');
        },
    );
    core.action_registry.add("account_contract_dashboard_main", account_contract_dashboard_main);
});
```

Backend - Client action (2)

You can now add the client action in the backend

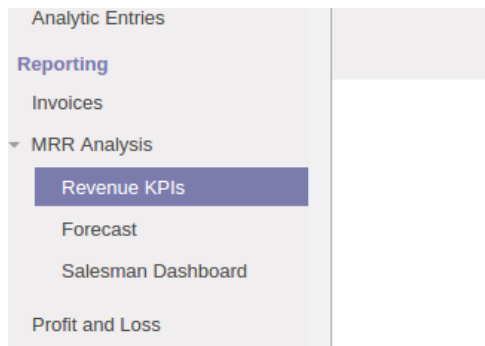
- add your new JS module in the backend assets

```
<template id="account_contract_dashboard_backend" inherit_id="web.assets_backend" active="True">
  <xpath expr="." position="inside">
    <script type="text/javascript" src="/account_contract_dashboard/static/src/js/account_contract_dashboard_backend.js"></script>
  </xpath>
</template>
```

- link the client action and the backend

```
<record id="action_contract_dashboard_report_main" model="ir.actions.client">
  <field name="name">Revenue KPIs</field>
  <field name="tag">account_contract_dashboard_main</field>
</record>

<menuitem id="action_contract_dashboard_report" name="MRR Analysis" parent="account.menu_finance_reports"/>
<menuitem action="action_contract_dashboard_report_main" id="menu_action_contract_dashboard_report_main" parent="action_contract_dashboard_report" name="Revenue KPIs"/>
```



Thank You

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