odoo

How to use the financial reports system to create a legal statement

PIERRE VYNCKE, R&D DEVELOPER

SUMMARY

1. Financial Reports vs Custom Reports
2. Demo
3. Steps to create your own report
4. Q&A

odoo

odoo

FINANCIAL VS CUSTOM REPORTS

FEATURES COMPARISON

FEATURES COMPARISON I

Financial

- Very easy to create (XML)
- Ready to use
- Only works with amls
- Only with sums over a period

Custom

- More advanced (Python)
- Possibilities are much more open

FEATURES COMPARISON II

Most account reports are financial reports :

- Profit and Loss
- Balance Sheet
- Cash Summary
- Executive Summary
- Aged Partner Balances

Most localizations reports are also financial reports :

- Belgian Profit & Loss
- Belgian Balance Sheet
- Belgian VAT Statement

Custom reports are few :

- Bank Reconciliation (works with bank statement lines not move lines)
- General Ledger (more columns, initial balance line)
- Generic Tax Report (columns not sum of domain)
- Belgian Partner VAT Listing (columns not sum of domain)
- Followups (more options, more columns, actions, ...)

odoo

odoo

DEMO

odoo

STEPS TO CREATE YOUR REPORT

Financial Report object

```
<!-- PROFIT AND LOSS -->

<record id="account_financial_report_profitandloss0" model="account.financial.report">
    <field name="name">Profit and Loss</field>
    <field name="debit_credit" eval="False"/>
    <field name="report_type">date_range</field>
</record>
```

One account.financial.report object per report :

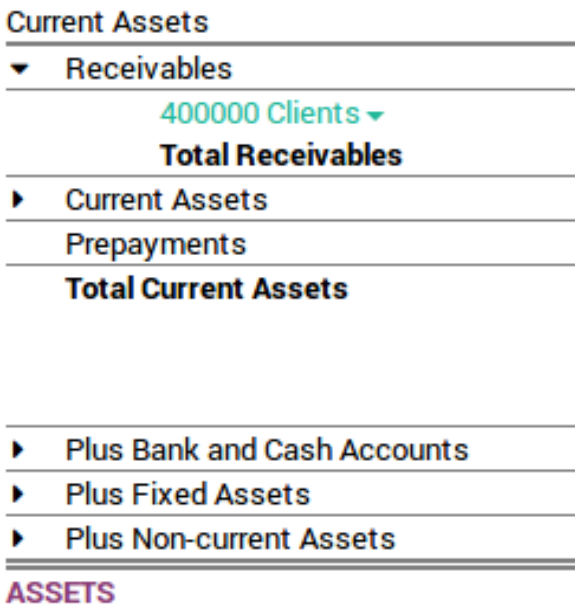
- name : Name (title) of the report
- debit_credit : Toggles debit and credit columns (default = False)
- report_type :
  - date_range (Profit & Loss)
  - no_date_range (Balance Sheet)
  - date_range_extended (Aged Partner Balances)
  - date_range_cash (Cash Method by default)

Financial Report Line object I

```xml
<record id="account_financial_report_revenue0" model="account.financial.report.line">
    <field name="name">Revenue</field>
    <field name="code">REV</field>
    <field name="formulas">balance = -sum.balance</field>
    <field name="parent_id" ref='account_financial_report_income0'/>
    <field name="domain" eval="[('account_id.user_type', '=', ref('account.data_account_type_revenue'))]" />
    <field name="groupby">account_id</field>
    <field name="sequence" eval="1"/>
    <field name="level" eval="3" />
</record>
```

All report lines :

- name and code
- parent_id : another account.financial.report.line
- sequence : sets their display order
- level : determines the layout



odoo

Financial Report Line object II

```
<record id="account_financial_report_gross_profit0" model="account.financial.report.line">
    <field name="name">GROSS PROFIT</field>
    <field name="code">GRP</field>
    <field name="formulas">balance = INC.balance - COS.balance</field>
    <field name="parent_id" ref='account_financial_report_net_profit0'/>
    <field name="sequence" eval="1"/>
    <field name="level" eval="1" />
</record>
```

Formula field

Assigns a value to the balance column (and debit and credit column if applicable – seperated by ;).

Available objects :

- Ndays : number of days in the selected period (for reports with a date range).
- Another report : referenced by the code of the other report. Use .balance to get its balance value (also available is .credit, .debit and .amount_residual)

Financial Report Line object III

```
<record id="account_financial_report_revenue0" model="account.financial.report.line">
    <field name="name">Revenue</field>
    <field name="code">REV</field>
    <field name="formulas">balance = -sum.balance</field>
    <field name="parent_id" ref='account_financial_report_income0'/>
    <field name="domain" eval="[('account_id.user_type', '=', ref('account.data_account_type_revenue'))]" />
    <field name="groupby">account_id</field>
    <field name="sequence" eval="1"/>
    <field name="level" eval="3" />
</record>
```

Reports lines based on the sum on a domain :

Domain field : An Odoo domain on the account move line object.

Formula field : Extra object available, namely sum. The sum of the account move lines in the domain.

Groupby field : Group the account move lines by one of their columns

Financial Report Line object IV

Other useful fields :

- financial_report_id : For the root financial report line. Must link to the related accout.financial.report object (the field parent_id should then be left empty).
- figure_type : Type of the result of the formula. Can be float (default), percents or no_unit.
- green_on_positive : Used when computing the comparison column. True (default) if growth is good (displayed in green) or not.
- special_date_changer : If a specific line in a report should not use the same dates as the rest of the report. Can be normal (default), from_beginning (start date is the epoch, eg. unnaffected earnings line in a balance sheet) or to_beginning_of_period (start date is the epoch and end date is the start date of the selected period)
- show_domain : How the domain of a line is displayed. Can be foldable (default, hidden at the start but can be unfolded), always (always displayed) or never (never shown).
- hide_if_zero : False by default. If true and the line result is null, hides the line.
- action_id : Many2one linking to an action that will be executed when clicking on the line name in the report.

odoo

Thank You

For any question : pvy@odoo.com

Odoo
sales@odoo.com
+32 (0) 2 290 34 90
www.odoo.com

R&D and services office
Chaussée de Namur 40
B-1367 Grand Rosière

Sales office
Avenue Van Nieuwenhuyse 5
B-1160 Brussels