



**OPENOFFICE.ORG**  
**REPORT DESIGNER**

# Index

## **1. Introduction**

## **2. Installation**

1. Install using MAKE Command
2. Install using Extension Manager in OpenOffice.org Writer

## **3. Using the Interface**

1. Open Report Menu
2. Open Report Toolbar
3. Server Parameters
4. Open a new report
5. Add a loop
6. Add a field
7. Add an expression
8. Add lang tag
9. Modify
10. Conversion Fields -> Brackets
11. Conversion Brackets -> Fields
12. Export to RML
13. Send to the Server
14. Modify Existing Report
15. About

## 1. Introduction

The Openoffice.org Report Designer project aims is to create fast and powerful report editor for OpenERP, and other softwares. The basic goal behind that is any layman(non IT people) can easily create and modify reports for Open ERP. It will be integrate with Open ERP Server to simply add new fields, loops, expression ...

### Features

Reports are designed under Openoffice.org and can be used from Open ERP without having installed Openoffice.org on the clients.

The OOo plugins connect to Open ERP so that it allows you to add different objects from Open ERP:

- Fields,
- Loops on lists,
- Languages,
- Python Expression,
- Images, etc.

It supports importing .RML file so that it is compatible with the old report system of Open ERP. It is also able to export files as .RML.

The plugin works on most current versions of Open Office.

The default behavior is to produce .PDF in Open ERP according to selected documents.

But the system is also able to create template of OpenOffice documents and automatically open OOo when the user wants to edit documents with values within it. (like templates of Fax, Letters, ...)

The OOo plugin connects into the Open ERP server using XML-RPC so that you can design your own report from any computer.

The reports can be saved in the filesystem, like normal Open ERP report or in the database to be DB specific. Images are stored in the .RML so that you don't have to worry anymore about storing images.

## 2. Installation

Openoffice.org Report Designer plugin is very easy to install and use. The plugin is bundle of two files oepenreport.zip and Makefile. We have two types of installation procedure. It used in linux and window system also.

**Note:** Client side must install the base\_report\_desinger module. if not install then it gave the error meassge.

1. Install using MAKE command
2. Install using Extension Manager in Openoffice.org Writer

### Install using MAKE command

```
$ make install
sh /usr/lib/openoffice/program/unopkg add -v tinyreport.zip
Raising process: file:///usr/lib/openoffice/program/soffice
Arguments: -nologo -nodefault
-accept-pipe,name=3ea0ece6402dd477e2833c1dc5f19e5e7eb912d2b4693074bebc9def277d6557
;urp;
Ok. Connecting...Ok.
Copying: tinyreport.zip
Enabling: tinyreport.zip
  Enabling: TinyERPReport.py
  Enabling: Addons.xcu
unopkg done.
```

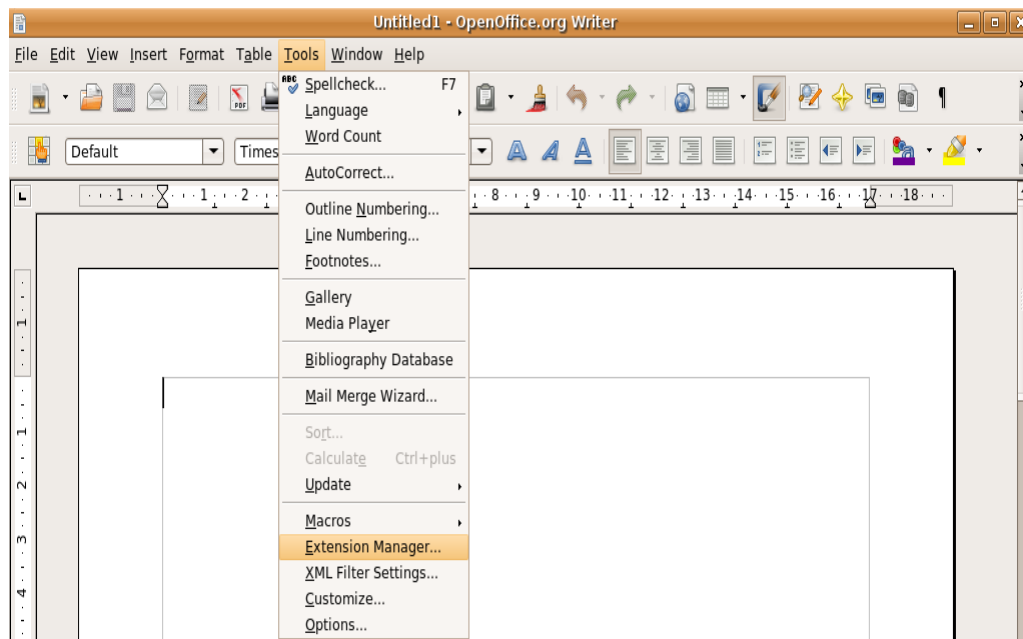
After installation you will get Open Report Menu and its Toolbar in Openoffice.org Writer.

### uninstall attributes

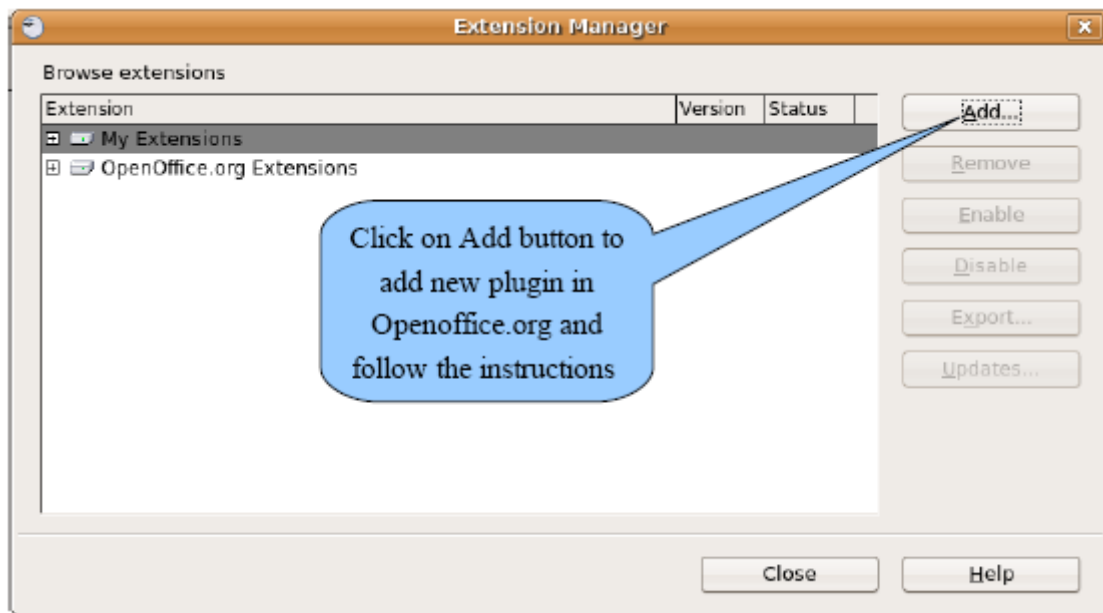
```
$ make uninstall
sh /usr/lib/openoffice/program/unopkg remove -v tinyreport.zip
Raising process: file:///usr/lib/openoffice/program/soffice
Arguments: -nologo -nodefault
-accept-pipe,name=7517cf84f0e01eb946e3e431dfd74e3d132516ba9c8a286c59a9ed5ebce46;urp;
Ok. Connecting...Ok.
Disabling: tinyreport.zip
  Disabling: Addons.xcu
  Disabling: TinyERPReport.py
unopkg done.
```

## Install using Extension Manager in Openoffice.org Writer

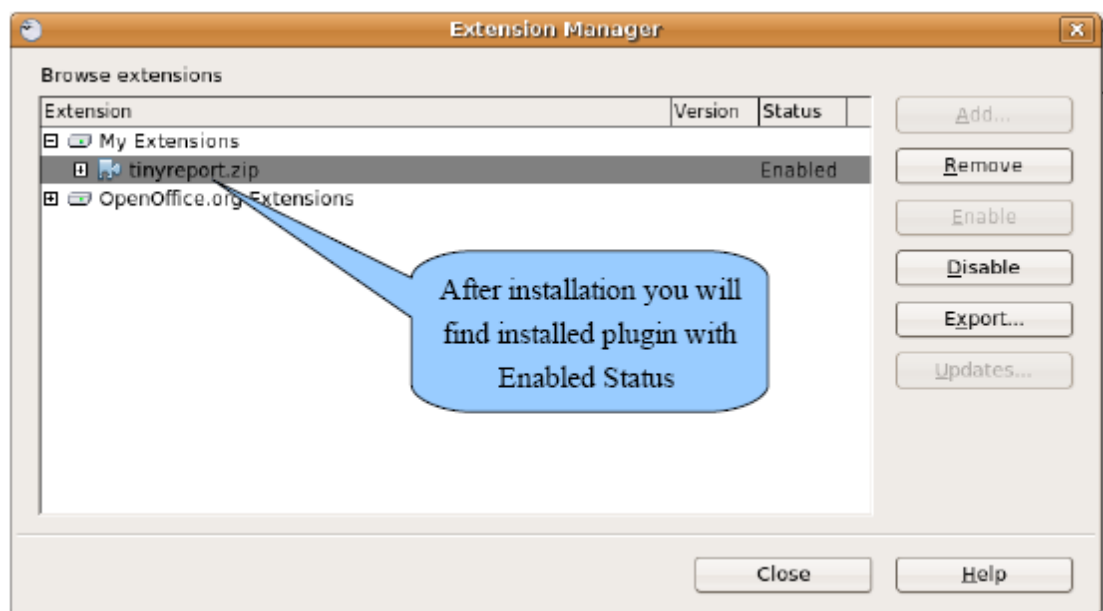
Installing by Extension Manager is interactive installation procedure, for installation you have to use Tools -> Extension Manager provided by Openoffice.org Writer.



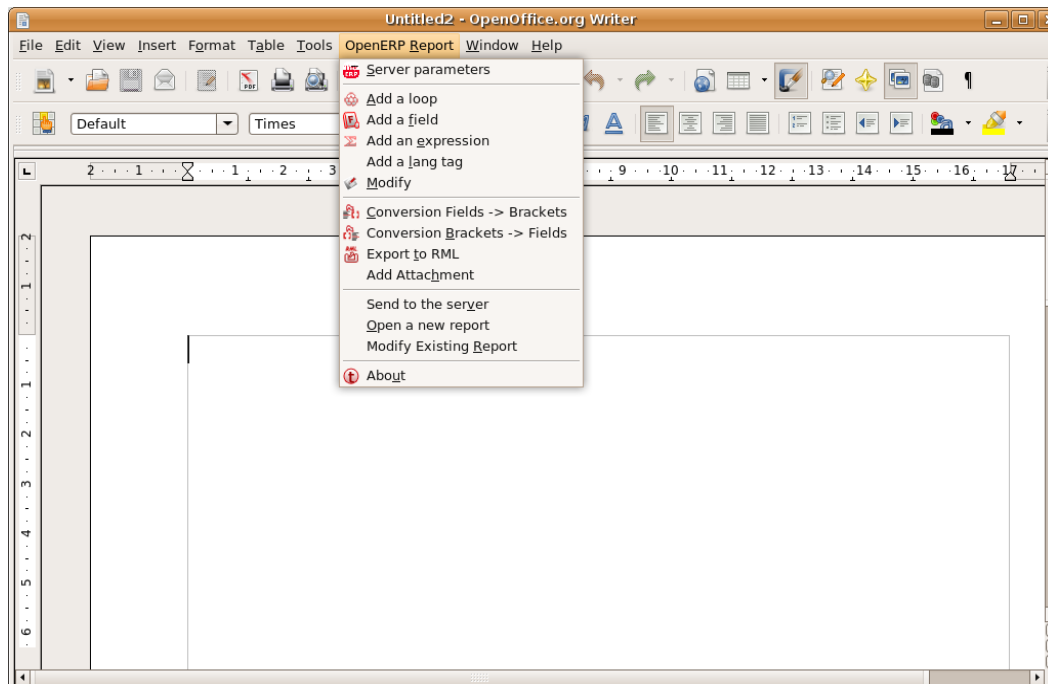
In Extension Manager you have Add button, by clicking add button you will get open dialog box from which you will have to select *openreport.zip* file.



After installation



After installation you will get Open Report Menu and its Toolbar in Openoffice.org Writer.




## *Open Report Toolbar*

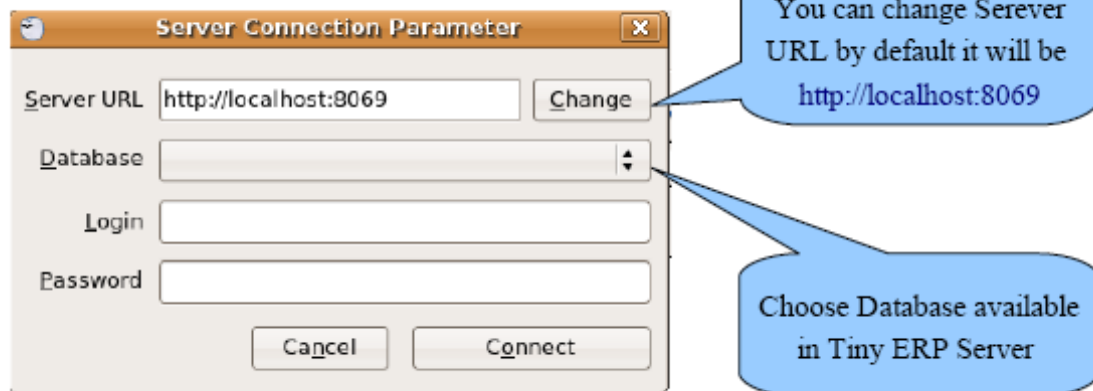


### *1. Server Parameters*

This Functionality is used to connect with OpenERP Server with different login mode.

You can access that functionality by clicking  on button on toolbar or just go to **Open Report -> Server Parameters**.

The screen will look like



After giving proper Server URL you can select Database available in selected server and then you can able to logged in as particular user.

By Clicking on 'Change' button'



## ***2. Open a new report***

You can open this dialog box by clicking on Open Report -> Open a new report



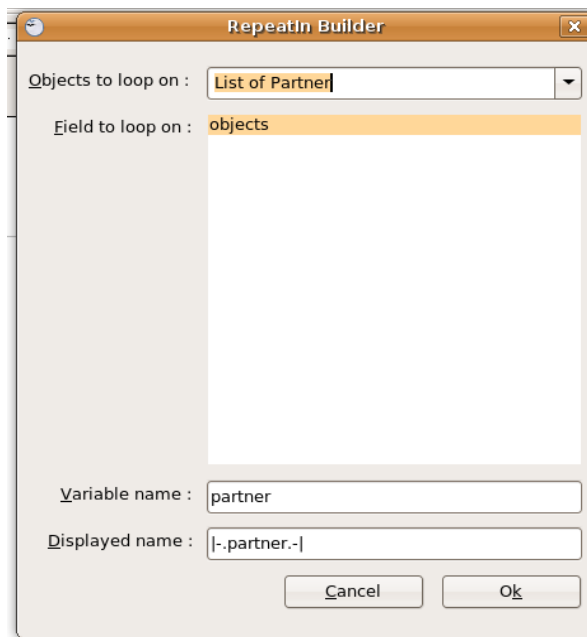
By using above window we are able to select module for that you want to create report. This is first process to create new report you have to select module. By clicking on 'Use Module in Report' selected module will be used to create report.



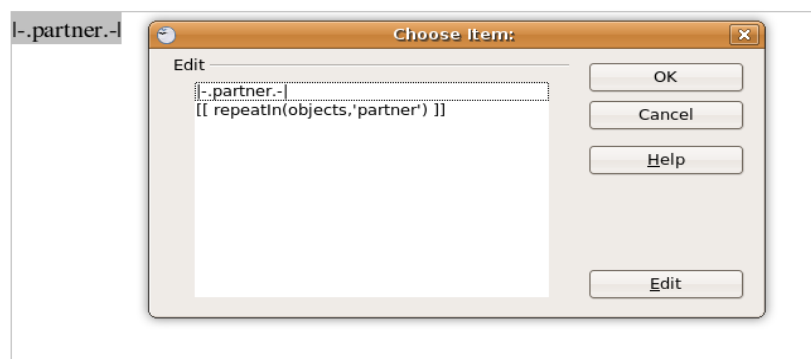
### 3.Add a loop

This functionality is used to create repeatIn statement in Open Report. You see this dialogbox

by clicking on **Open Report -> Add a loop** from menubar or just  clicking on this button from toolbar.




After click on 'ok' button you will get repeatIn object just like displayed below.

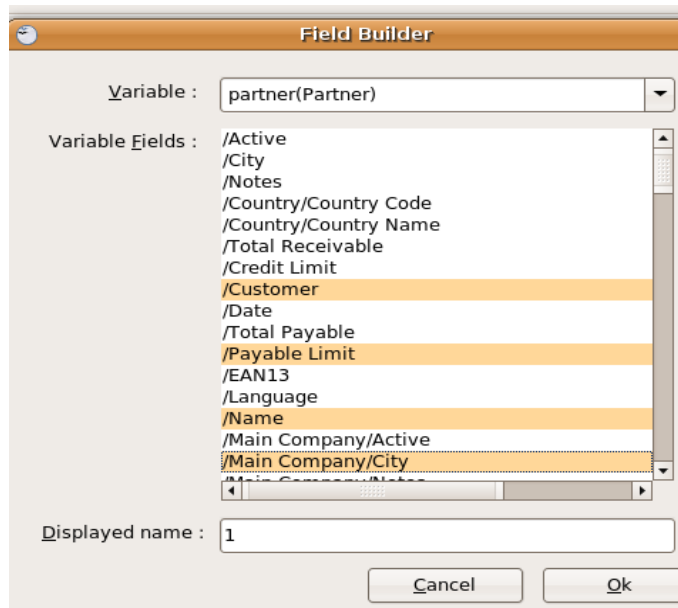


Above report statement is written in Input Field a special functionality available in Openoffice.org. In which main statement available in background and it will display some english type of name as here displayed |-.partner.-|.

#### 4. Add a field


This functionality is used to create field statement in OpenReport. You see this dialog box

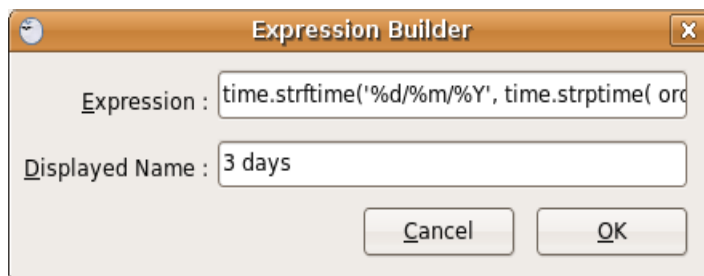
by clicking on **Open Report -> Add a field** from menubar or just  clicking on this button from toolbar. Also select the multiple field .



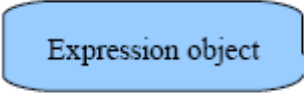
#### 5. Add an expression

This functionality is used to create expression which we can not add by using fields in Open Report. You see this dialog box by clicking on **OpenReport -> Add an expression** from

menubar or just  clicking on this button from toolbar.



After click on 'ok' button you will get expression object just like displayed below

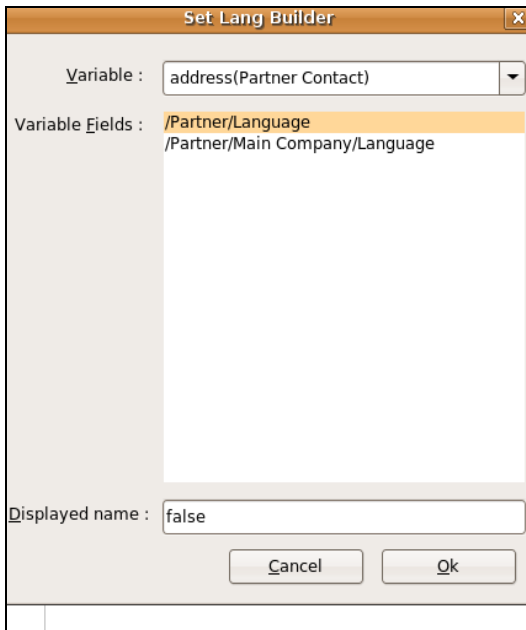


Date	Qty
3 days	2.00 Unit

## 6. Add lang tag

As Open ERP can be used in several languages, reports must be translatable. But in a report, everything mustn't be translated: only the actual text and not the formatting codes. A field will be processed by the translation system if the XML tag which surrounds it (whatever it is) has a `t="I"` attribute. The server will translate all the fields with such attributes in the report generation process.

It create the set Lang tag



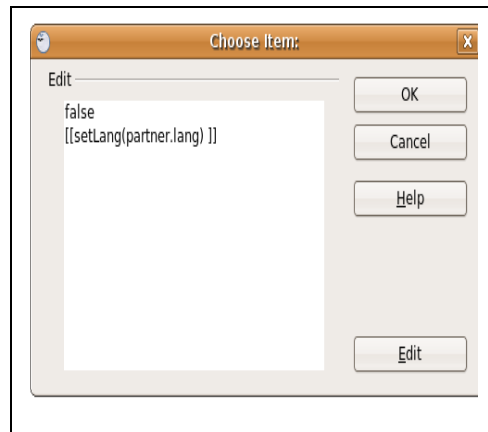
**Set Lang Builder**

Variable : address(Partner Contact)

Variable Fields :  
/Partner/Language  
/Partner/Main Company/Language

Displayed name : false

Cancel Ok



**Choose Item:**

Edit

false  
[[setLang(partner.lang) ]]

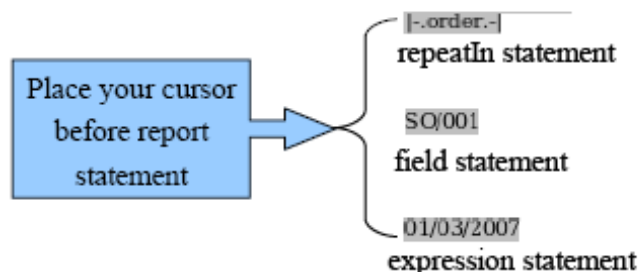
OK  
Cancel  
Help  
Edit

## 7. Modify

This functionality is used to modify existing repeatIn, Fields, or Expression in Open Report. This functionality will work with cursor you have to place your current cursor before the report statement and it will open dialog box after detecting that that statement is weather Expression, RepeatIn or Fields. You see this dialog by clicking on **Open Report -> Modify**

from menubar or just  clicking on this button from toolbar.

### Modify RepeatIn



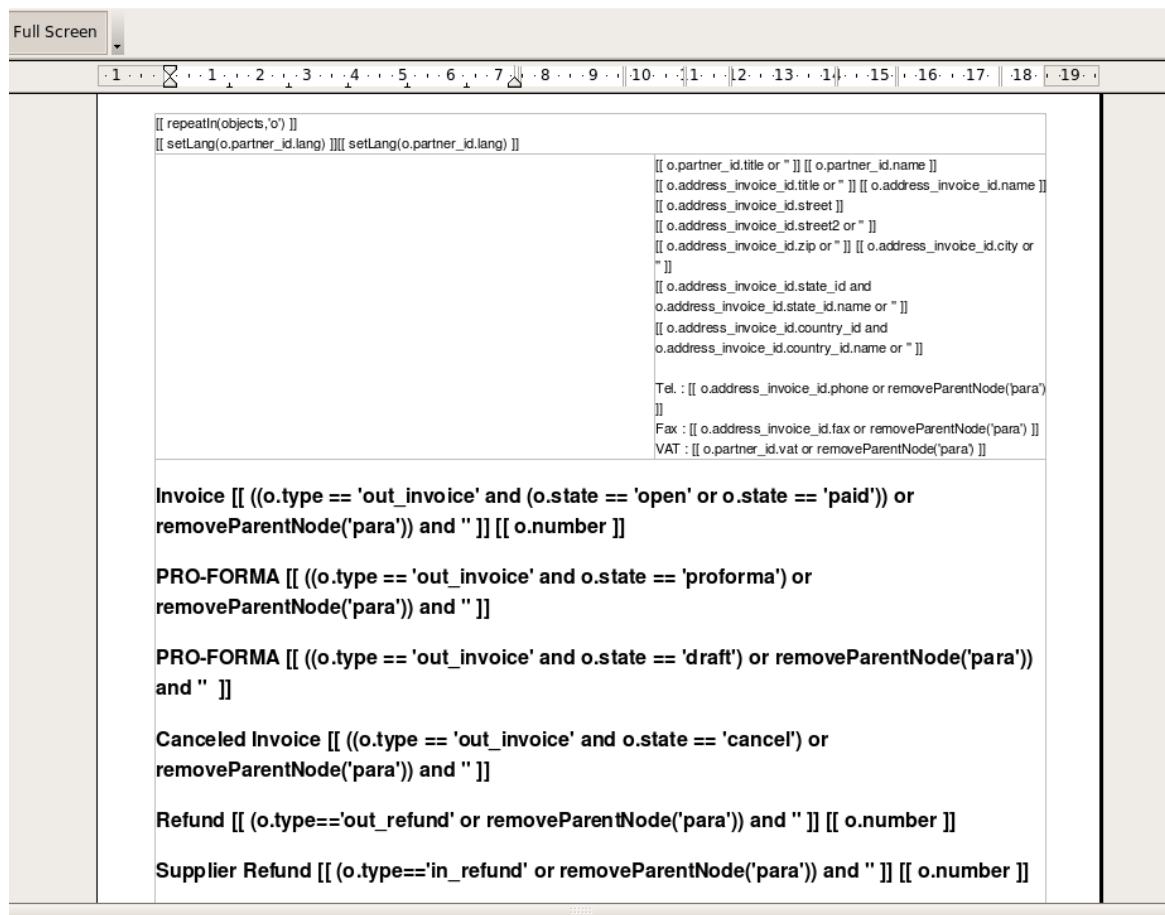
After placing your cursor at the beginning of the report statement press modify button from toolbar or click on Open Report -> Modify . it will detect the type of that statement weather its is Field, Expression or RepeatIn and generate window accordingly as displayed below give following window.

The image shows two side-by-side dialog boxes. The left dialog is titled "RepeatIn Builder" and contains fields for "Objects to loop on" (set to "List of purchase.order"), "Field to loop on" (set to "objects"), "Variable name" (set to "order"), and "Displayed name" (set to "[-.order.-]"). The right dialog is titled "Field Builder" and contains a "Variable" dropdown (set to "partner(Partner)"), a list of "Variable Fields" (including "/Active", "/City", "/Notes", etc., with "/Name" selected), and a "Displayed name" field (set to "Agrolait"). Both dialogs have "Cancel" and "Ok" buttons at the bottom.

## 8. Conversion Fields -> Brackets

The purpose of this functionality is mapping old (use bracket for writing report statement) and new (use input filed for writing report statement). So whenever you want to convert your new report statement to old fashion then you can use this method. if you want to access this fuctionality you can click on **OpenReport -> Conversion Fields -> Bracket**

from menubar or just  click on this button.



If we have no value available in database for Fields or repeatIns it will write TTT instead, same it will write /// at the place of expression.

## 9. Conversion Brackets -> Fields

This is reverse functionality in which you can change you old formatted report into new format. If you want to access this fuctionality you can click on Open Report -> Conversion

Bracket -> Fields from menubar or just click



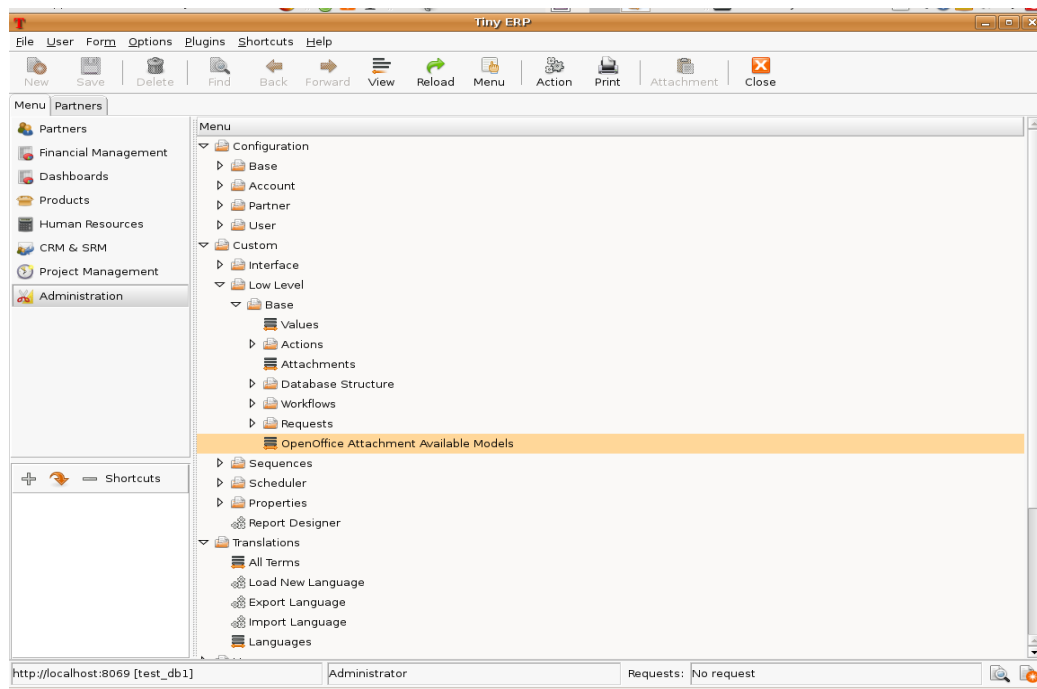
on this button.

1367 Grand-Rosière Alabama Andorra, Principality of Tel. : +32.81.81.37.00 Fax : +32.81.73.35.01 VAT : BE 0477.472.701					
Invoice out_invoice 2008/001					
PRO-FORMA out_invoice					
PRO-FORMA out_invoice					
Canceled Invoice out_invoice					
Refund out_invoice 2008/001					
Supplier Refund out_invoice 2008/001					
Supplier Invoice out_invoice 2008/001					
Document 2008/003	Invoice Date 2008-10-28				
Partner Ref. 10001					
Description	Taxes	Quantity	Unit Price	Disc. (%)	Price
- Invoice Lines -					
Basic computer with Dvorak keyboard and left-handed mouse	21%	1.0	PCE	250.0	250.0 EUR

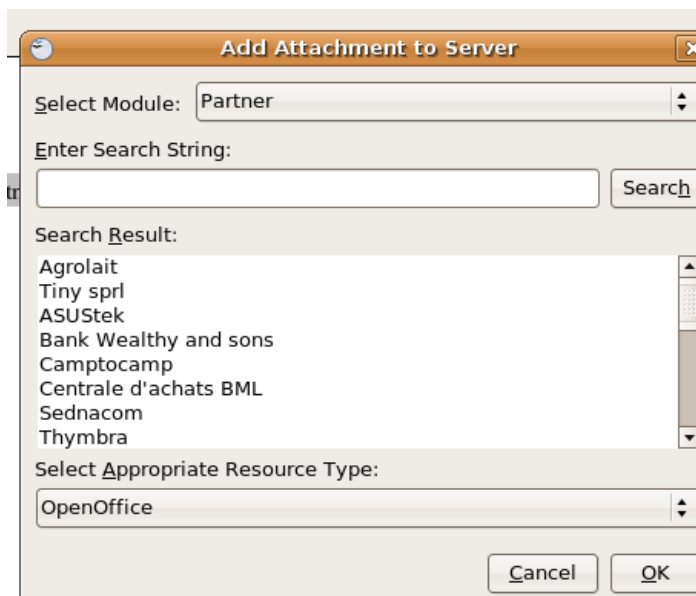
## 10 .Add Attachment

You can attach the report with record using attachment and the model which add in base\_model are displayed in list.

**Note:**Server side Add the base\_model module and add the model name which display in Add Attachment.




Note: Server side must install the base model module .



## ***11. Export to RML***

This functionality is used to generate rml from sxw. You Can access this tool from Open

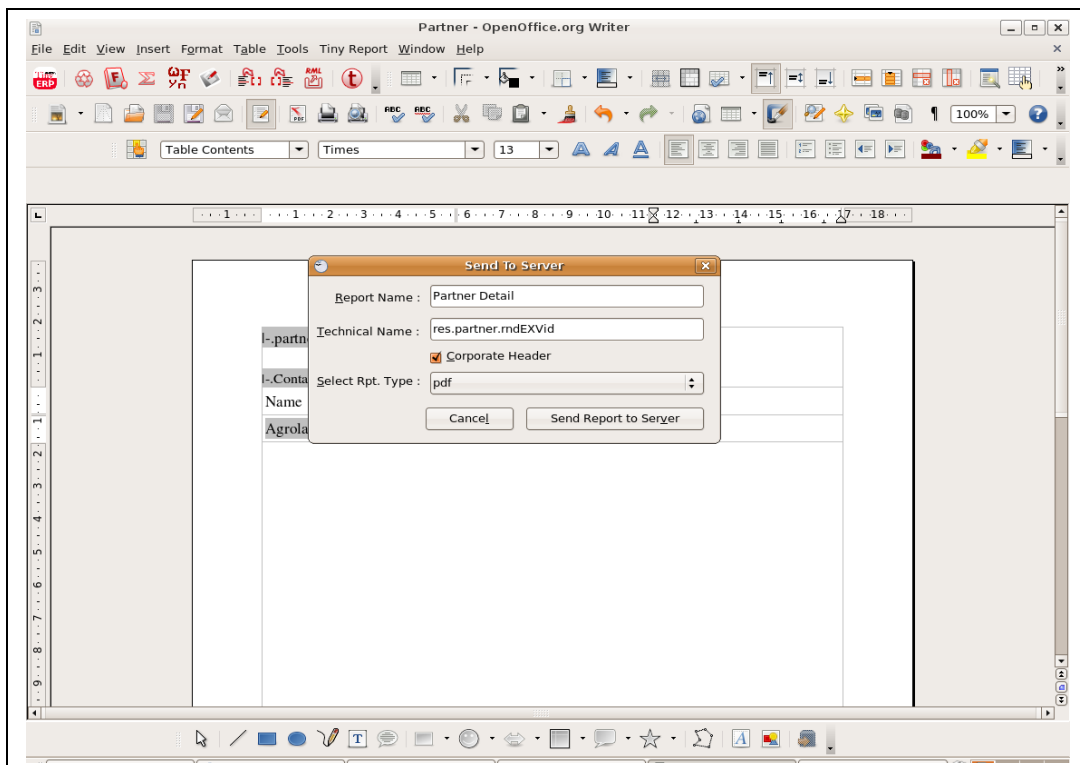
Report -> Export to RML in menubar or by just  clicking on this button from toolbar. The basic feature of this functionality is now you can create your rml file in just few mouse clicks. The main requirements of this utility is you must have to save your report in Open Server using Send to the Server functionality.

When you click on Export to RML It will open save file dialog box in which you can specify file name and destination of rml file to save

## ***12. Send to the Server***

This is the most important functionality available in Open Report Design tools. The basic feature of this functionality is to add new report or update existing report to Open Server in RML as well as SXW format.

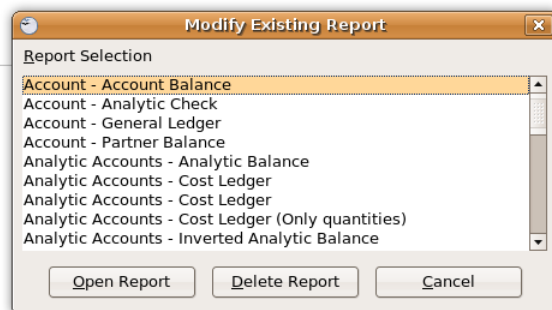
You can access this feature by using clicking on Open Report -> Send to the Server in menubar.





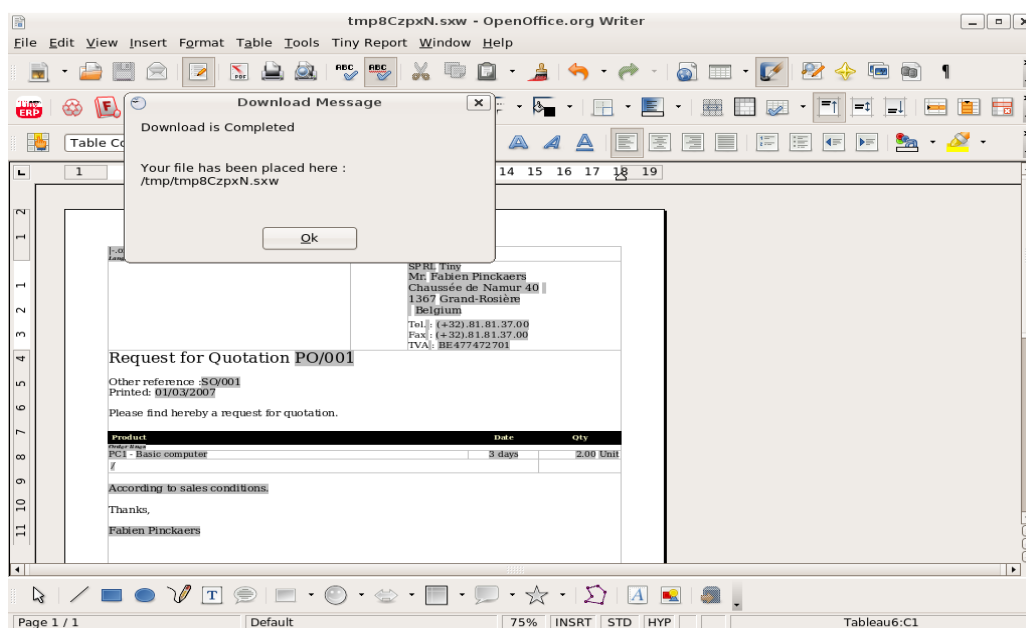
### 13. Modify Existing Report

Openoffice.org Report Design tool provide functionality of modify existing report which is already available in Open server and also delete the report from database. You can access this feature by using clicking on **OpenReport -> Modify Existing Report** in menubar. By click ing on Modify Existing Report I will display dialog box displayed below.



It will open existing report and you can delete the existing report.

By clicking on Save to Temp Directory button you will get opened report in new writer window as displayed below



## ***14 .About***

The about window shows version and copyright information. You can access it from **Open**

**Report -> About** in menu bar or by just  clicking on this button on toolbar

