

Evaluation of Open Items using Dispatch Control Functionality



Applies to:

SAP Contract Accounts Receivable and Payable (ECC 6.0)

Summary

SAP offers a broad portfolio of tools and applications designed to generate business reports by connecting information, and different areas across business networks.

This article is an attempt to show the usage of one of the standard SAP transaction '**FPO4**' (Evaluation of Open Items) for business reporting using the dispatch control functionality.

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Author Bio



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Introduction

With the dramatic expansion of Information Technology, and the desire for increased competitiveness in corporations, there has been an increase in the use of computing power to produce unified reports which join different views of the enterprise in one place. This type of reporting involves querying various data sources with different logical models to produce a human readable report and is termed as **'Enterprise reporting'**.

SAP, one of the leading and most popular ERP packages used over the world, has developed a reporting system called **'SAP Net weaver Business Warehouse'** used for business reporting, planning and analysis purpose.

Apart from SAP BW, there are numerous standard reports in SAP used for generating business reports by connecting information, and different areas across business networks. One of the widely used transactions for the purpose in SAP Contract Accounts Receivable and payable (Industry Solutions) is **"FPO4-Evaluation of Open Items"**

FPO4-Evaluation of Open Items

Transaction **'FPO4'** (Report name-RFKKOP04) can be executed in either of the following modes-

- (a) Evaluation of Open Items at key date
- (b) Evaluation of all items posted in an interval.

Key date functionality

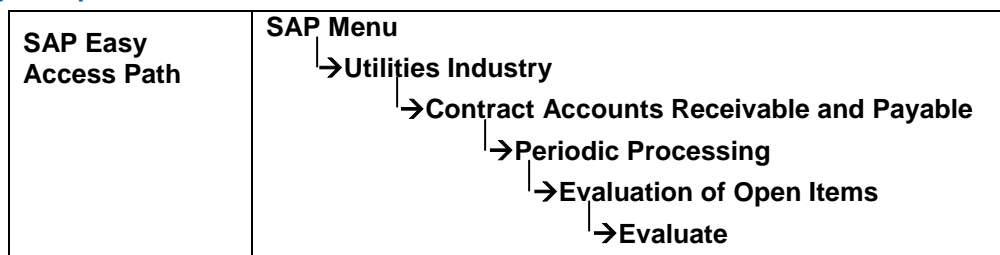
An item is an open item with regard to the key date if one of the following prerequisites applies:

- (a) If the item is open with regard to the system date, the posting date must be before or the same as the key date.
- (b) If the item is no longer open, the posting date must be before or the same as the key date, and the clearing date after the key date
- (c) If the item is no longer open, the clearing date is after the key date, and the posting date is after or the same as the key date, but the posting date of the clearing item is before the key date, the clearing item is an open item with regard to the key date.

If the key date is not mentioned, only the current open items are determined.

However, key date functionality is not used for evaluation of all items posted in an interval period. For this scenario, it is irrelevant whether the items were open or cleared in the interval.












Navigation path for FPO4



The transaction can be used for various types of business reporting. It is a very useful tool for extracting the information in relation to the Ageing analysis of the outstanding debts that falls in to different time buckets.

In other words, it is a **one-stop solution** for all types of reporting at the item level for reconciliation and other key business decisions.

Item List

| Maintain Predefined Selection | | Maintain Layout and Summarization Rules | |
|---|--|---|--|
| <p>Selections Output Control Technical Settings</p> | | | |
| <p>Time Limit</p> <p><input checked="" type="radio"/> Open Items Only <input type="radio"/> All Items</p> <p>Key Date <input type="text"/></p> | | | |
| <p>Master Data Selection</p> <p>Predefined Selection <input type="text"/>  Details</p> <p>Business Partner <input type="text"/> to <input type="text"/> </p> <p>Contract Account <input type="text"/> to <input type="text"/> </p> <p>Contract <input type="text"/> to <input type="text"/> </p> | | | |
| <p>Selection of Items</p> <p>Predefined Selection <input type="text"/>  Details</p> <p><input type="checkbox"/> Exclude Items from Selection</p> <p>Company Code <input type="text"/> to <input type="text"/> </p> <p>Business Area <input type="text"/> to <input type="text"/> </p> <p>Segment <input type="text"/> to <input type="text"/> </p> <p>G/L Account <input type="text"/> to <input type="text"/> </p> | | | |
| <p>Only Dunned Items</p> <p>Dunning level <input type="text"/> to <input type="text"/> </p> <p>Dunning Procedure <input type="text"/> to <input type="text"/> </p> | | | |
| <p>Item Categories</p> <p><input type="checkbox"/> Inst. plan has prio. <input type="checkbox"/> Consider Inst.Plan for KeyDate</p> <p><input type="checkbox"/> Collective inv. has prio. <input type="checkbox"/> No Down Pyts for Stat. Req.</p> <p><input type="checkbox"/> No Oth. Statistical Items <input type="checkbox"/> No Outg. Pymts for Stat. Reqs</p> | | | |
| <p>Selection According to Balance</p> <p>Balance related to <input type="text"/> No Specification</p> <p>Balance <input type="text"/> 0,00 to <input type="text"/> 0,00</p> <p>Currency <input type="text"/></p> | | | |
| <p><input checked="" type="checkbox"/> Ignore Clearing History</p> | | | |

The report gives the flexibility to-

- Maintain Pre-defined Selection** either at master data level or at document level (Transaction Code-FPSELP)
- Maintain layout and Summarization rules** to incorporate the fields from the FKKOP structure to build a custom layout.(Transaction Code-FPSELP1)

The scope of this article is limited to the evaluation of open items based on the dispatch control functionality which is available in **Maintain pre-defined selection** only for the master data level.

Dispatch Control Functionality

The dispatch control feature comes in to picture when Open item evaluation has to be performed based on some attribute(s) at the master data level and that are not available at the item level, say for example evaluation of open items for those contract accounts which have a particular payment terms, dunning procedure, account class, contract account category etc.

This functionality is applicable for the following types of master data-

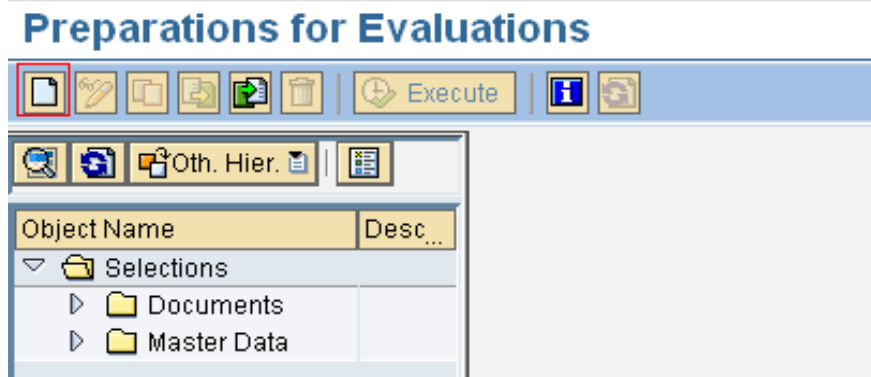
- (a) Business Partner
- (b) Contract Account
- (c) Creditworthiness
- (d) Dunning Notices
- (e) Combination of one or more types of master data

Scenario

Evaluation of Open Items based on Contract Account Category.

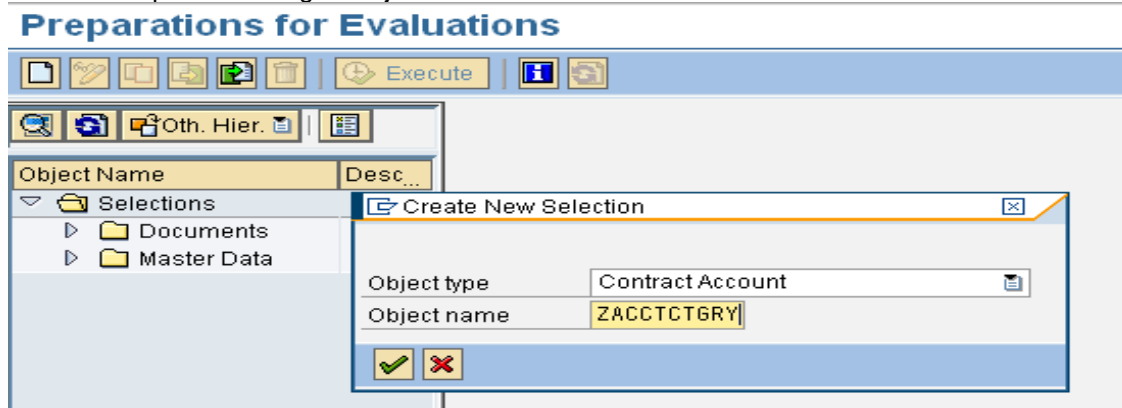
Step-1:

Go to Transaction code-'**FPSELP**' and click on create button 



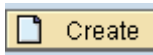
Step-2:

A pop up box is displayed asking for object type and object name. Select '**Contract Account**' as object type from the drop-down and give object name as '**ZACCTCTGRY**'.

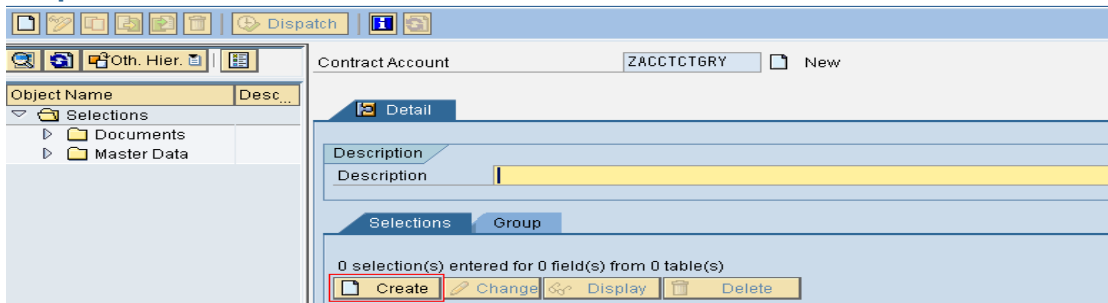


Step-3:

Press Enter and click on the create button



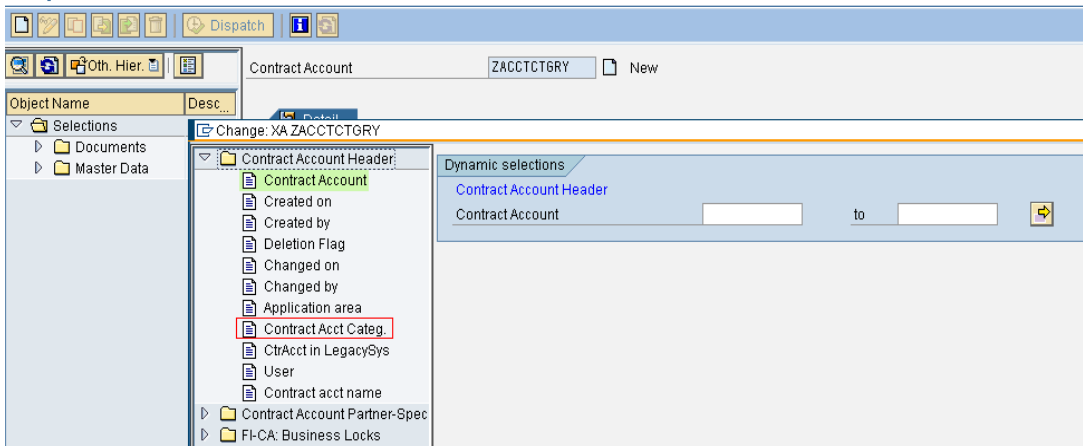
Preparations for Evaluations



Step-4:

The contract account master structures are populated. Double click on the contract account category in the left hand side under contract account header.

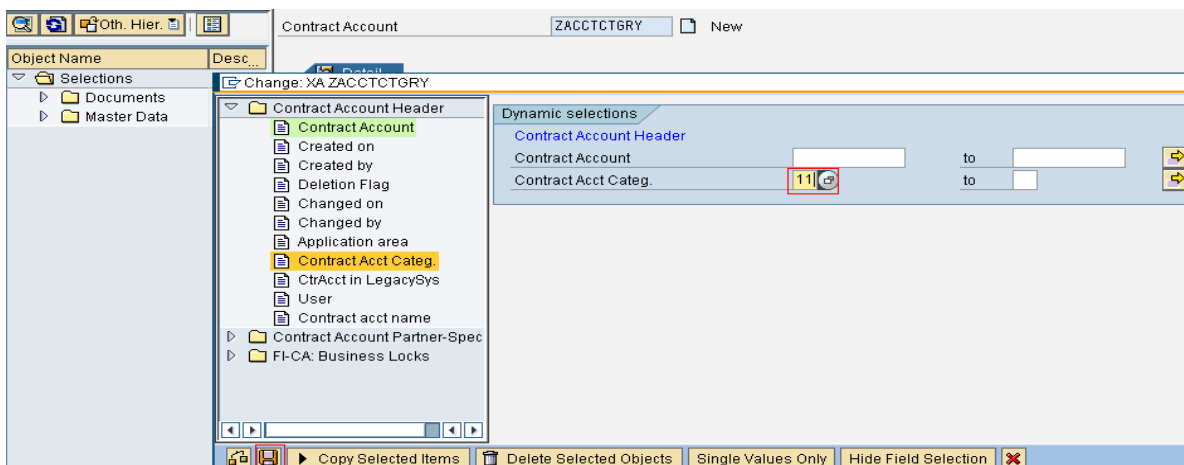
Preparations for Evaluations



Step-5:

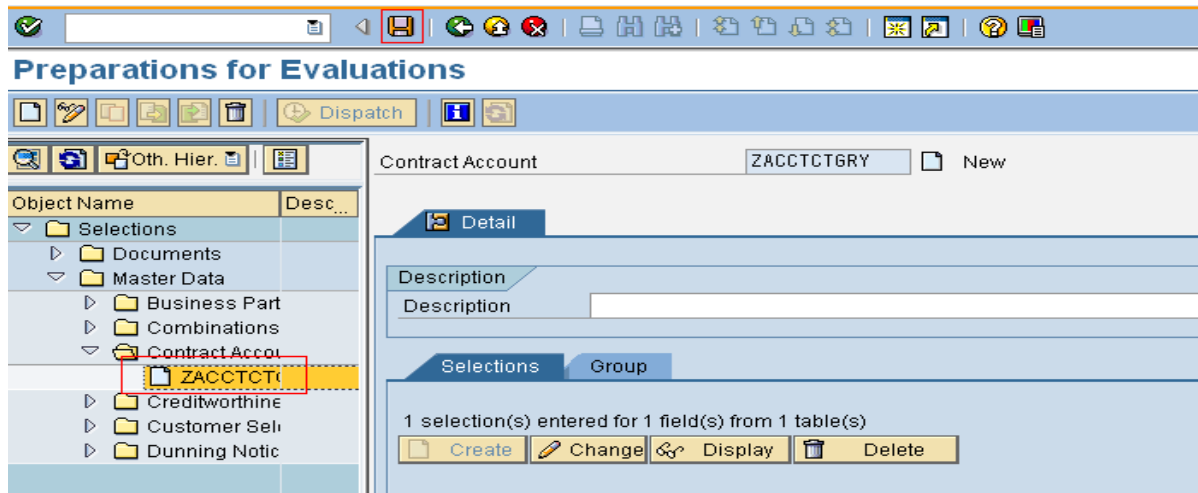
The contract account category comes under the 'Dynamic selections' tab. Now say, suppose the evaluation of open items has to be done for a specific contract account category. Give Contract account category as 11 and press save.

Note-Contract account category is a configurable field. It can have any values.



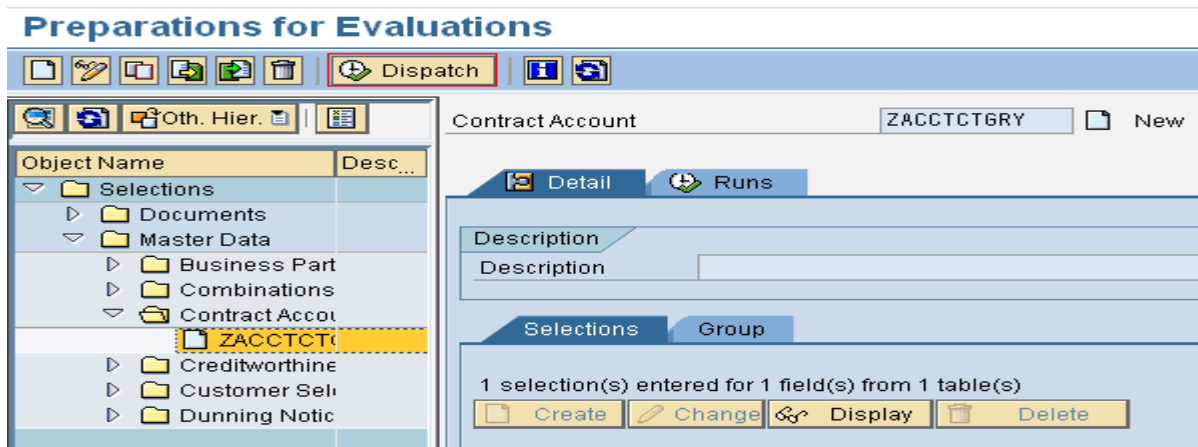
Step-6:

Press Save. The object 'ZACCTCTGRY' will appear under the contract account, and then double click on the object 'ZACCTCTGRY'



Step-7:

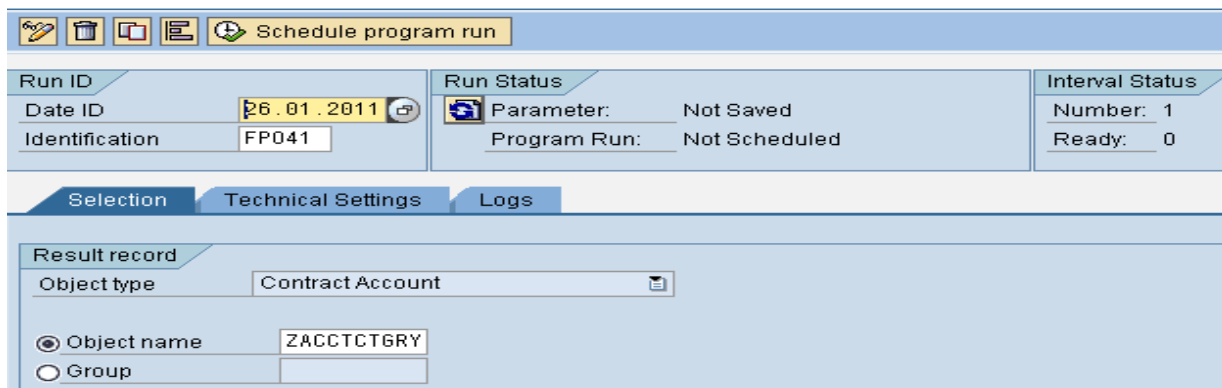
Click on the dispatch button




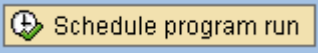
Step-8:

Give Identification as 'FP041' and press enter. All the other details will automatically get populated. **Note**-Identification can be given as per the user's desire.

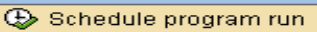
CA Selection



Step-9:

Press save  and click on Schedule program run button  and chose the option- **'Background-Start Immediate'**

CA Selection



| | | | | | | |
|----------------|---------|------------|--------------|---------------|-------|-----------------|
| Run ID | Date ID | 26.01.2011 | Run Status | Parameter: | Saved | Interval Status |
| Identification | FP041 | | Program Run: | Not Scheduled | | Number: 1 |
| | | | | | | Ready: 1 |

Schedule Job

Job Scheduling

Background - Start Immediate

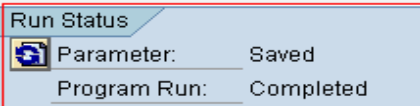
Background - Scheduled

Date: 26.01.2011 Time: 16:25:00

Step-10:

Check the Status of the job whether it is completed or not.

CA Selection



| | | | | | | |
|----------------|---------|------------|--------------|------------|-------|-----------------|
| Run ID | Date ID | 26.01.2011 | Run Status | Parameter: | Saved | Interval Status |
| Identification | FP041 | | Program Run: | Completed | | Number: 1 |
| | | | | | | Ready: 1 |


Selection | Technical Settings | Logs


Result record

Object type: Contract Account

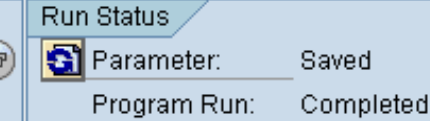
Object name: ZACCTCT6RY

Step-11:

Go back to the previous screen by clicking on  button




CA Selection

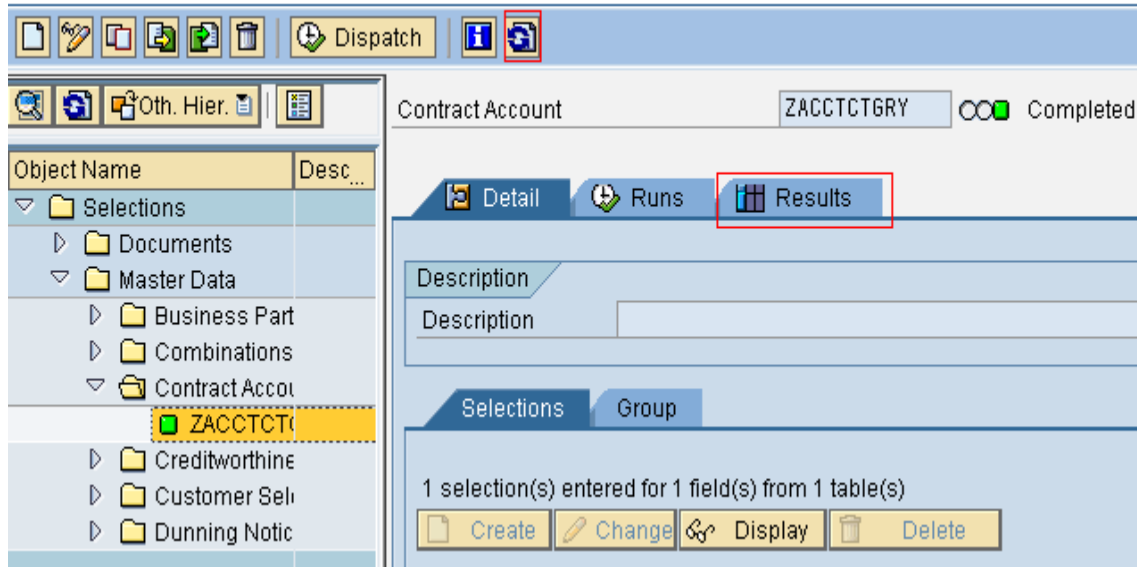


| | | | | | |
|----------------|---------|------------|--------------|------------|-------|
| Run ID | Date ID | 26.01.2011 | Run Status | Parameter: | Saved |
| Identification | FP041 | | Program Run: | Completed | |


Step-12:

The initial screen appears. Press on the refresh button . The results tab appears on the screen.

Preparations for Evaluations




Step-13:

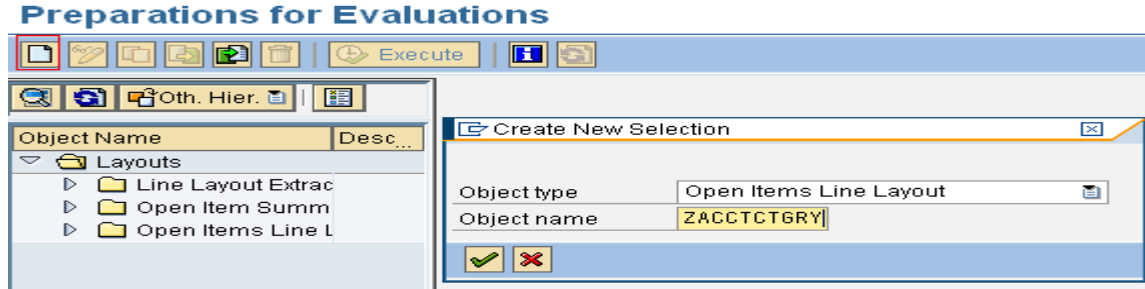
Click on the 'Results' tab . It lists all the contract accounts along with their relevant business partners which have a contract account category of 11. The list can be easily downloaded into spreadsheet.

Preparations for Evaluations


| Cont.Account | BPartner | CAC |
|--------------|-----------|-----|
| 2002701 | 5000260 | 11 |
| 2002702 | 5000260 | 11 |
| 2002703 | 5000260 | 11 |
| 2002704 | 100000010 | 11 |
| 2002705 | 100000420 | 11 |
| 2002709 | 5000577 | 11 |
| 2002710 | 5000578 | 11 |
| 2002712 | 5000580 | 11 |
| 2002713 | 5000580 | 11 |
| 2002714 | 5000581 | 11 |
| 2002715 | 5000582 | 11 |
| 2002716 | 5000581 | 11 |
| 2002717 | 100000125 | 11 |
| 2002719 | 5000583 | 11 |
| 2002720 | 5000584 | 11 |
| 2002721 | 5000585 | 11 |
| 2002722 | 100000125 | 11 |
| 2002723 | 5000474 | 11 |
| 2002724 | 5000586 | 11 |
| 2002725 | 5000587 | 11 |
| 2002726 | 5000587 | 11 |
| 2002727 | 5000587 | 11 |
| 2002728 | 5000587 | 11 |
| 2002729 | 5000587 | 11 |
| 2002730 | 5000587 | 11 |

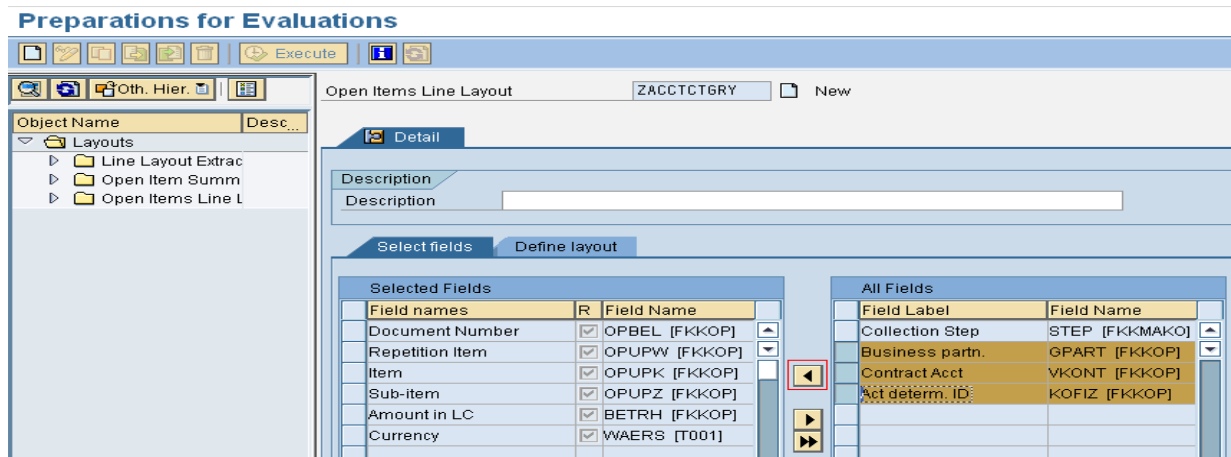
Step-14:

Go to transaction code 'FPSELP1' and click on create button . A pop up box is displayed asking for object type and object name. Select 'Open Items Line Layout' as object type from the drop-down and give object name as 'ZACCTCTGRY'.




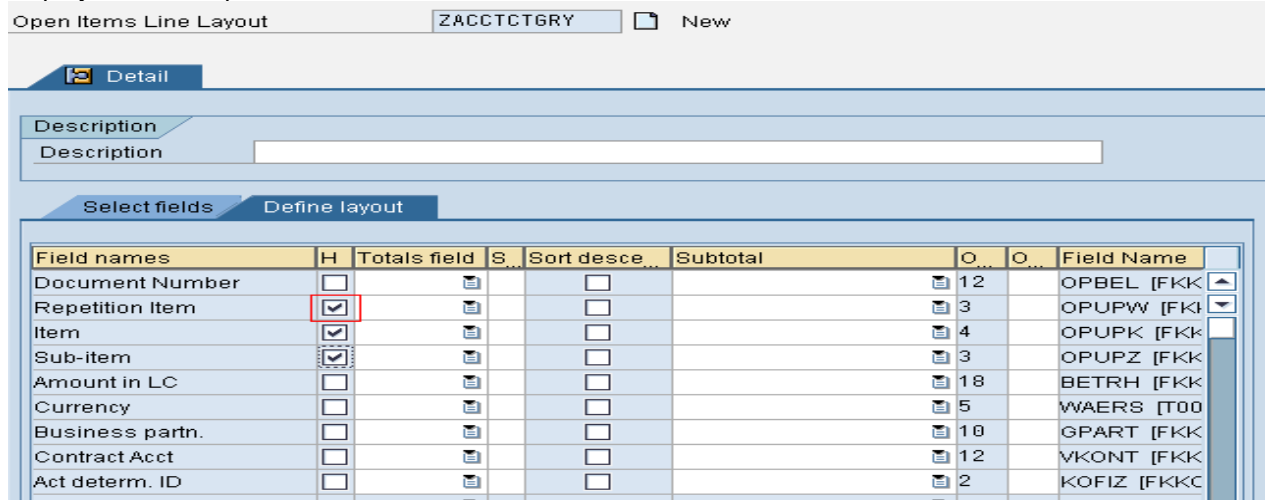
Step-15:

Select the fields from the 'All Fields' section and click on the  button to display the desired fields in the Open Item evaluation report



Step-16:

Click on the 'Define Layout' tab . The mandatory fields which are not required to be displayed in the report. Press Save.



Step-17:

Go to transaction code 'FPO4' and select the following details-

Time Limit

Open Items Only

Key Date-Date on which the open items need to be evaluated

Master Data Selection

Predefined Selection- 'ZACCTCTGRY'

The screenshot shows the 'Item List' configuration screen with the 'Time Limit' tab selected. At the top, there are two buttons: 'Maintain Predefined Selection' and 'Maintain Layout and Summarization Rules'. Below these are three tabs: 'Selections', 'Output Control', and 'Technical Settings'. The 'Time Limit' section contains two radio buttons: 'Open Items Only' (selected) and 'All Items'. The 'Key Date' is set to '26.01.2011'. The 'Master Data Selection' section shows a table with the following data:

| Field | Value | to | Value | Action |
|----------------------|------------|----|-------|---------|
| Predefined Selection | ZACCTCTGRY | | | Details |
| Business Partner | | | | ↕ |
| Contract Account | | | | ↕ |
| Contract | | | | ↕ |

Step-18:

Click on the 'Output Control' tab **Output Control**. Give Line layout as 'ZACCTCTGRY'.

The screenshot shows the 'Item List' configuration screen with the 'Output Control' tab selected. At the top, there are two buttons: 'Maintain Predefined Selection' and 'Maintain Layout and Summarization Rules'. Below these are three tabs: 'Selections', 'Output Control', and 'Technical Settings'. The 'Output Control' section contains the following settings:

- Line layout: ZACCTCTGRY (with a lock icon) [Details]
- Item Summarization: [Empty field] [Details]
- Statement Due Date Grid:
 - Grid Interval in Days: 30 | 60 | 90 | 180 | 365
 - Simulation of Credit Assgt:
- Only Output Totals Items:
- Credit/Debit Totals:
- No Overall Total:
- List in ALV Format:

Step-19:

Execution of the report can be performed in foreground as background mode. Execute the program in foreground.

Note-Due to the large volume of data, the background mode is always a preferred option. On executing the program in background the report generates a spool requests which contains the open item evaluation report

FI-CA: Key Date-Based Open Item List

| Doc. No. | Local currency amnt | BPartner | Cont.Account | AD |
|--------------|---------------------|-----------|--------------|----|
| 901000001644 | 2.342,79 | 100000239 | 10000263 | 56 |
| 901000001645 | 2.116,20 | 100000239 | 10000263 | 56 |
| 901000001658 | 14.859,57 | 100000239 | 10000263 | 56 |
| 999000004283 | 2.342,79 | 100000239 | 10000263 | 56 |
| 999000004302 | 7.147,70 | 100000239 | 10000263 | 56 |
| 999000004411 | 15.354,72 | 100000239 | 10000263 | 56 |
| 999000003726 | 38,85 | 100000622 | 10000354 | 46 |
| 901000001433 | 45,21 | 130000241 | 10000800 | 46 |
| 901000001434 | 122,95 | 130000241 | 10000800 | 46 |
| 901000001435 | 93,42 | 130000241 | 10000800 | 46 |
| 901000001436 | 90,41 | 130000241 | 10000800 | 46 |
| 901000001437 | 90,41 | 130000241 | 10000800 | 46 |
| 901000001438 | 90,41 | 130000241 | 10000800 | 46 |
| 999000003953 | 122,95 | 130000241 | 10000800 | 46 |
| 999000003954 | 84,38 | 130000241 | 10000800 | 46 |
| 999000003955 | 93,42 | 130000241 | 10000800 | 46 |
| 999000003956 | 93,42 | 130000241 | 10000800 | 46 |
| 999000003957 | 93,42 | 130000241 | 10000800 | 46 |
| 999000003958 | 93,42 | 130000241 | 10000800 | 46 |
| 999000003959 | 72,33 | 130000241 | 10000800 | 46 |
| 901000001483 | 3.141,90 | 130000264 | 10000891 | 46 |
| 901000001440 | 1.394.231,52 | 5000260 | 2002701 | 36 |
| 999000003210 | 1.000,00 | 5000260 | 2002702 | 30 |
| 320000000021 | 1,01 | 100000010 | 2002704 | 36 |
| 901000001195 | 100,72 | 100000010 | 2002704 | 36 |
| 901000001195 | 111,25 | 100000010 | 2002704 | 36 |
| 901000001195 | 137,19 | 100000010 | 2002704 | 36 |
| 901000001195 | 137,19 | 100000010 | 2002704 | 36 |
| 901000001195 | 137,19 | 100000010 | 2002704 | 36 |
| 901000001195 | 150,39 | 100000010 | 2002704 | 36 |
| 901000001196 | 150,39 | 100000010 | 2002704 | 36 |
| 901000001196 | 150,39 | 100000010 | 2002704 | 36 |
| 999000003447 | 7,38 | 100000010 | 2002704 | 36 |

Note-The dispatch control object needs to be executed each time prior to the execution of open item evaluation report, as it would pick up the latest master data and retrieve the open items against the same.

The dispatch control functionality can be performed on any master data attribute, say it is postcode stored at the business partner level, or dunning procedure assigned at the contract account master.

Related Contents

http://help.sap.com/erp2005_ehp_04/helpdata/EN/43/f522b2dfdb4c60e1000000a155369/frameset.htm

<https://forums.sme.sap.com/message.jspa?messageID=9434069>

<http://forums.sdn.sap.com/thread.jspa?threadID=746612>

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