

## HR Report Category



### Applies to:

All releases of software component SAP\_HR (Human Resources).

### Summary

This article describes the usage of HR report categories in HR report programming. The steps for creating a custom HR Report Category are also illustrated.

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### Author Bio



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## Usage

HR Report categories are used to tailor the selection screen of the personnel master data for each report that used Logical Database (LDB) like PNP and PNPCE. The report category determines which function keys (Further selections, search helps, sort order and selection via the org. structure) are available, which selection parameters appear, and the properties of the selection parameters.

## Function

When an LDB report is called, a check occurs first to verify if the report is assigned to a report category. If assigned, the selection screen of the assigned a report category is displayed. If it isn't assigned, the selection screen is displayed according to the standard SAP assignment of report categories. To view the assigned report category, branch out from the program properties display to the HR report categories (See figure below). Reports are assigned to report category internally in tables T599W (sap assignments) and T599B (customer settings). Assigning a report category to a report is not mandatory. If no report category is specified, either the SAP default category SPACE is used, or, if a default category, 00000000 exists, it is used.


The screenshot shows the SAP ABAP Program Attributes RPLMIT00 Display window. The window title is "ABAP: Program Attributes RPLMIT00 Display". The main area displays the following information:

- Title: Employee List
- Original language: DE German
- Created: [ ] SAP
- Last changed by: 13.02.2007 SAP
- Status: Active

The "Attributes" section is expanded and shows the following details:

- Type: Executable program
- Status: SAP Standard Production Program
- Application: Human resources
- Authorization Group: [ ]
- Package: PBAS SAP HR Master Data Application Development
- Logical database: PNP HR Master Data
- Selection screen: [ ]
- Editor lock
- Fixed point arithmetic
- Unicode checks active
- Start using variant

At the bottom of the window, there is a toolbar with several icons. The text "HR report category" is highlighted with a red box.



Report category assignment

Program RPLMIT00

Report category assignment

Name of selected report category:  
Sort, Org., Period, PersSelPer, PArea, PersNo. EEG, ...

Report selects using:

Master Data (infotypes) X\_X2201 Master data rep.class

Payroll results (Cluster): Payroll report category

Report category

## Parameters of Report Category

Parameter	Purpose
Data selection period = Person selection period	Whether Data selection period should be same as Person selection period.
Match code allowed	Setting to enable the use of various search helps for selecting data.
Sort allowed	Setting to enable sort functionality
Organization structure allowed	Setting for enabling selection via Organizational structure.
Data selection period	Setting for entry of data selection period
Person selection period	Setting for entry of person selection period. This setting is enabled only if the above parameter; Data selection period = Person selection period, is not selected.
Payroll Area/Period/Year	Setting for entry of Payroll Area
Selection View for Dynamic selection	Details of selection view used for dynamic selection*.
Allowable selection criteria	The selection fields displayed in LDB are explicitly maintained in allowable selection criteria folder. The fields against which the <b>First Page</b> checkbox is checked are displayed at the first call of the report. Fields without this flag can be selected by clicking on the <b>Further Selection</b> button in the report.

\* Dynamic Selection – It is used to enhance reports with selection criteria that are not included in the standard selection screen of logical database. Performance is improved when queries are executed because dynamic selections often ensure that the database is accessed more effectively than when selection fields are added to standard selection fields when the query is defined. New Dynamic selections can be created through SE80 transaction.

## Naming convention used by SAP report categories

The standard report categories supplied by SAP follow a naming convention based on the parameters saved in them. The naming convention is given below. HR report categories have 8 characters.

Character Position	Parameter of Report category	Possible values
1	Sort allowed	Blank : Sort not allowed X : Sort allowed
2	Data selection period = Person selection period	Blank : The parameter is set X : The parameter is not set
3	Payroll Area/Period/Year	Blank : No entry for payroll area X : Entry of Payroll area allowed M: Entry of Payroll area is mandatory.
4	Data selection period	0 : No entry of Data selection period 1: Key date entry allowed for Data selection period. 2: Interval entry allowed for data selection period.
5	Person selection period	0: No entry of Person selection period. 1: Key date entry allowed for Person selection period. 2: Interval entry allowed for Person selection period.
6-8		Three digit sequential number beginning with 001

## Steps for creating Custom HR report category

Create a report by entering PNP (or PNPCE) as Logical database in its attribute window.

After creation, open the program attributes window (Menu path Goto->Attributes).

ABAP: Program Attributes YHR\_LDB Change

Title: Program to test the use of Report category

Original language: EN English

Created: 04.07.2011

Last changed by: 04.07.2011

Status: Inactive

Attributes

Type: Executable program

Status:

Application:

Authorization Group:

Package: \$TMP Temporary Objects (never transported!)

Logical database: PNP HR Master Data

Selection screen:

Editor lock  Fixed point arithmetic

Unicode checks active  Start using variant

Save Undo Redo HR report category

Open the Report category assignment window by clicking “Report Category” button at the bottom of the attributes window.

Report category assignment

Program: YHR\_LDB

Name of selected report category:

SAP default category if report does not have a category

Report selects using:

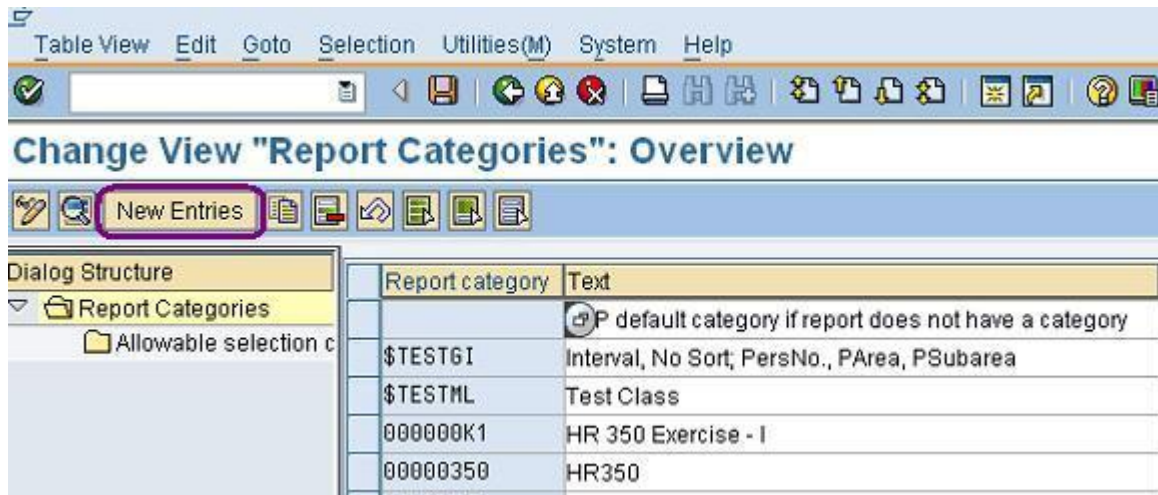
Master Data (infotypes) Master data rep.class

Payroll results (Cluster): Payroll report category

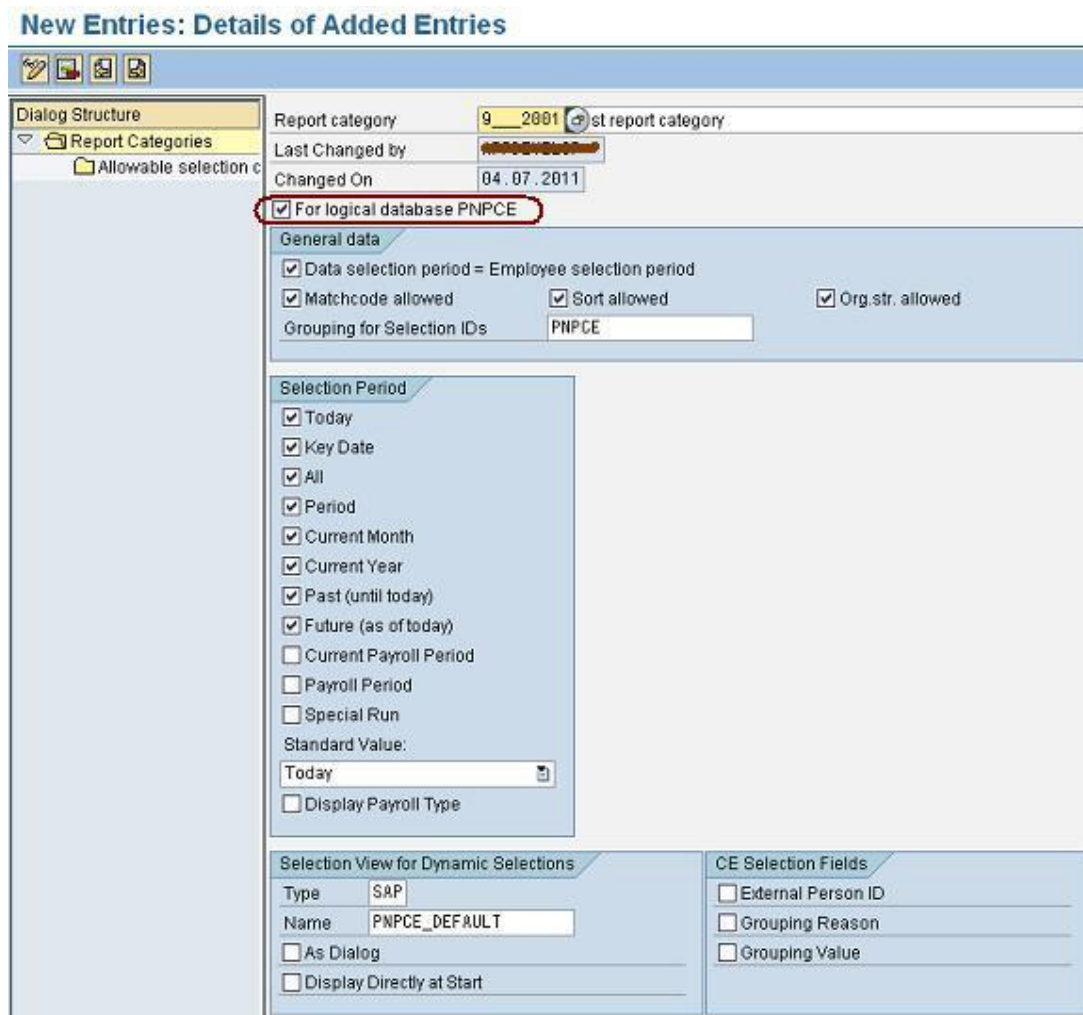
Save Report category Create report category Close

Click the create report category button in this window to proceed to Report Categories maintenance view.

Click "New Entries" button in application toolbar.



In the subsequent screen, enter the name of the new report category and its description. Customer report category namespace begins with digit. By default checkbox "For logical database PNPCE" is checked. Clear this checkbox if PNP database is the LDB used. Selection period parameters differs for both Logical databases.





Report category	9__2001	test report category
Last Changed by	[REDACTED]	
Changed On	04.07.2011	
<input type="checkbox"/> For logical database PNPCE		
<b>General data</b>		
<input checked="" type="checkbox"/> Data selection period = Employee selection period		
<input checked="" type="checkbox"/> Matchcode allowed	<input type="checkbox"/> Sort allowed	<input type="checkbox"/> Org.str. allowed
<b>Data select. period</b>	<b>Person selection period</b>	<b>Payroll Area/Period/Year</b>
<input checked="" type="radio"/> No entry	<input checked="" type="radio"/> No entry	<input checked="" type="radio"/> No entry
<input type="radio"/> Key date	<input type="radio"/> Key date	<input type="radio"/> Entry possible
<input type="radio"/> Interval	<input type="radio"/> Interval	<input type="radio"/> Payroll area required
<input type="checkbox"/> Display Payroll Type		
<b>Selection View for Dynamic Selections</b>		
Type	[REDACTED]	
Name	[REDACTED]	
<b>Selection Fields</b>		
Select Option	Text	First page
PNPABKRS	Payroll area	<input checked="" type="checkbox"/>
PNPANSVH	Work contract	<input type="checkbox"/>

On the left pane, select the "allowable selection criteria" folder and click "New Entries" in application toolbar. Add the selection fields to the Select Options table that appears.

Table View Edit Goto Selection Utilities(M) System Help											
[Toolbar icons]											
<b>Change View "Allowable selection criteria": Overview</b>											
[Toolbar icons]											
Dialog Structure	Report category 9__2001 test report category										
<ul style="list-style-type: none"> <li>Report Categories <ul style="list-style-type: none"> <li><b>Allowable selection c</b></li> </ul> </li> </ul>	<table border="1"> <thead> <tr> <th>Select Option</th> <th>Text</th> <th>1st page</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		Select Option	Text	1st page						
Select Option	Text	1st page									



## New Entries: Overview of Added Entries

Select Option	Text	1st page
PNPSTAT2		<input checked="" type="checkbox"/>
PNPPERNR		<input checked="" type="checkbox"/>
PNPPERSG		<input checked="" type="checkbox"/>
PNPPERSK		<input checked="" type="checkbox"/>
PNPWERKS		<input checked="" type="checkbox"/>
PNPBRTL		<input checked="" type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>

Save the report category.

## Display View "Allowable selection criteria": Overview

Select Option	Text	1st page
PNPBRTL	Personnel subarea	<input checked="" type="checkbox"/>
PNPPERNR	Personnel number	<input checked="" type="checkbox"/>
PNPPERSG	Employee group	<input checked="" type="checkbox"/>
PNPPERSK	Employee subgroup	<input checked="" type="checkbox"/>
PNPSTAT2	Employment status	<input checked="" type="checkbox"/>
PNPWERKS	Personnel area	<input checked="" type="checkbox"/>

The saved report category has to be assigned to the report now. For this, once again open the "Report category assignment" window from program attributes. Enter the name of the new report category in this window as shown below.

Report category assignment

Program: YHR\_LDB

Report category assignment

Name of selected report category: 9\_\_2001 test report category

SAP default category if report does not have a category:

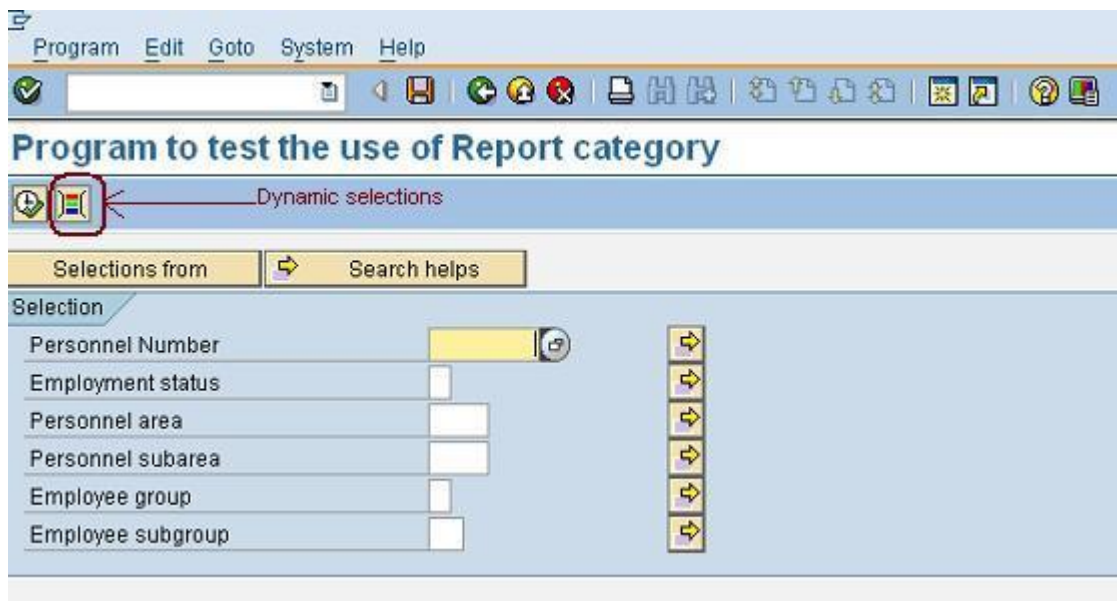
Report selects using:

Master Data (infotypes): 9\_\_2001 Master data rep.class

Payroll results (Cluster): Payroll report category

Report category

Run the report to see the selection screen defined using the custom report category.



Click the Dynamic selection button in application toolbar to see the Dynamic selection view.



## Related Content

[Logical Databases](#)

[Linking a Logical Database to an Executable Program](#)

[Editing the Database Program of a logical database](#)

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