

EMPLOYEE DETAILS REPORT

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DATA DICTIONARY

- GOTO SE11
- CREATE STRUCTURE ZHR_EMP_STRUC

Dictionary: Change Structure

Structure: ZHR_EMP_STRUC Active
Short Description: Employee fields

Attributes Components Entry help/check Currency/quantity fields

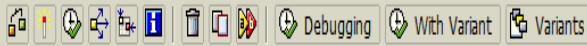
Predefined Type 1 / 7

Component	Typing Method	Component Type	Data Type	Length	Decim..	Short Description
PERNR	1 Types	PERSNO	NUMC	8	0	Personnel number
ENAME	1 Types	ZENAME	CHAR	20	0	Employee name - zapper
DOJ	1 Types	ZDOJ	DATS	8	0	Date of birth
DOB	1 Types	GBDAI	DATS	8	0	Date of Birth
DESIG	1 Types	ZDESIG	CHAR	20	0	Desig
DEPT	1 Types	ZDEPT	CHAR	20	0	Department
AGE	1 Types	ZAGE1	NUMC	3	0	Age

ABAP EDITOR

- CREATE A EXECUTABLE PROGRAM
- WITH LOGICAL DATABASE: PNP
- AND MASTER DATA: IE_P35L
- (IN HR REPORT CATEGORY TO OVER RIDE THE PREDEFINED SELECTION SCREEN)

ABAP Editor: Initial Screen



Program ZAP_EMP_DETAILS_REPORT Create

Subobjects

- Source Code
- Variants
- Attributes
- Documentation
- Text elements

Display Change

A20(1)/100 ABAP: Program Attributes ZAP_EMP_DETAILS_REPORT Change

Title	Employee Details Report by Pavan Golesar(Zapper)	
Original language	EN English	
Created	CEPAB-015	17.02.2015
Last changed by	CEPAB-015	17.02.2015
Status		

A20(1)/100 Report category assignment

Program ZAP_EMP_DETAILS_REPORT

Report category assignment

Name of selected report category:

No selection screen parameters

Report selects using:

- Master Data (infotypes) **IE_P35L** Master data rep.class
- Payroll results (Cluster): Payroll report category

Report category Report category

Attributes

Type	1 Executable program	
Status		
Application		
Authorization Group		
Package	\$TMP	Temporary Objects (never transported!)
Logical database	ENP	HR Master Data
Selection screen		

Editor lock Fixed point arithmetic

Unicode Checks Active Start using variant

Save HR report category

Selection screen:

Employee Details Report by Pavan Golesar(Zapper)

Selection screen for the Employee Details Report. It includes a header with a logo and a search area with the following fields:

Personnel Number	<input type="text"/>	to	<input type="text"/>	<input type="button" value="→"/>
Employee group	<input type="text"/>	to	<input type="text"/>	<input type="button" value="→"/>
Employee subgroup	<input type="text"/>	to	<input type="text"/>	<input type="button" value="→"/>
Payroll area	<input type="text"/>	to	<input type="text"/>	<input type="button" value="→"/>

Run

Employee Details Report by Pavan Golesar(Zapper)

Report header and navigation icons:

Navigation icons: Print, Filter, Refresh, Back, Forward, Home, Stop, Grid, and navigation arrows.

PersNo.	Emp name	DOJ	Birth date	Desig	dept	Age
1000	MULLER ANJA	01.07.1995	05.11.1968	Dir HR -D	Personal (D)	46
1001	MAIER MICHAELA	01.01.1995	05.06.1960	Developer	Gastos de desplazami	54
1002	ZAUCKER ULRIKE	01.01.1994	05.09.1960	Mgr AP -D	Acreedores (D)	54
1003	PFANDILI STEFAN	01.01.1995	09.06.1960	FI AP - D	Acreedores (D)	54
1004	PAULSEN OLAF	01.01.1995	12.10.1965	FI Agent I-D	Acreedores (D)	49
1005	GUTJAHR HANNO	01.01.1995	31.05.1970	FI Agent 2-D	Acreedores (D)	44
1006	AWAD JASMIN	01.01.1995	29.04.1960	Fct spec.3-D	Acreedores (D)	54
1007	ULRICH HANNA	01.01.1994	07.12.1955	Credit Mgr-D	Deudores (D)	59
1008	MULLER HILDE	01.01.1994	12.03.1955	Dir. Fin.-D	Finanzas y Gestión (59
1009	BRAUNSTEIN HERBERT	01.01.1994	16.11.1938	CEO-D	Junta directiva Alem	76
1010	SCHMIDTROHR FRANK	11.07.1997	12.03.1944	PM	Centro Dresde (D)	70
1011	FORSTER CLAUDIA	01.01.1996	01.01.1970	Credit Sp -D	Deudores (D)	45
1012	GRUNDIG SABINE	01.04.1998	01.01.1970	99999999	Deudores (D)	45
1013	HUMBOLDT WOLFGANG	01.04.1998	01.01.1970	99999999	Deudores (D)	45
1014	HINTZE GUDRUN	01.01.1995	01.01.1960	Credit Ast-D	Deudores (D)	55
1015	RICKE ALEXANDER	13.02.1998	13.11.1952	MGR HR -D	Gestión de personal	62
1016	KAUFMAN MIKE	13.02.1998	26.10.1954	Func.Spec -D	Gestión de personal	60
1017	STURM ANNETTE	01.01.1994	16.10.1960	Exec. Ass.-D	Junta directiva Alem	54
1018	FISCHER BILL	01.01.1994	13.06.1940	CFO-D	Junta directiva Alem	74
1019	THOMSON KEITH	01.01.1994	19.09.1950	COO-D	Junta directiva Alem	64
1020	MULLER HINZE BEATE	01.01.1994	26.01.1942	Exec. Ass.-D	Junta directiva Alem	73
1021	STADLER WERNER	01.01.1994	27.10.1937	VP Op/Sa -D	Junta directiva Alem	77
1022	HOCHLEHNERT BRUNO	01.04.1996	01.01.1959	99999999	Junta directiva Alem	56
1023	HORTER NICOLE	13.02.1998	07.12.1968	Adm.Staff -D	Desarrollo de person	46
1024	BAUER FRANK	01.01.1998	07.07.1965	Pers. Adm.	Gestión de personal	49
1025	ROTTENBAUM CHRISTINE	13.02.1998	09.09.1965	Adm.Staff -D	Social y Derecho (D)	49
1026	BROWNING JOHANNA	01.01.1994	26.02.1953	DIR. CSVS -D	Servicios de empresa	61
1027	JOST MARTIN	01.01.2000	14.05.1948	Mgr Mktg -D	Marketing (D)	66
1028	KLOCKE MATTHIAS	01.01.1994	04.12.1937	MGR IT -D	Centro de cálculo PE	77
1029	KUBAT JAN	08.10.2009	18.11.1955	MGR IS -D	Servicio interno (D)	59
1030	SACHSEN ARNIM	01.01.2001	19.10.1961	Mgr Trav -D	Gastos de desplazami	53

Following is the source code that will work .

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*& Author: Pavan Golesar (Zapper)

*& Dated: 17th Feb 2015

*& Module: SAP HR

*& Subject: Employee Details Report using infotype (HR ABAP report)

&-----

*& CREATE A STRUCTURE OF FOLLOWING SPEC WITH THE NAME AS 'ZHR_EMP_STRUC'.

*PERNR 1 Types PERSNO NUMC 8 0 Personnel number

*ENAME 1 Types ZENAME CHAR 20 0 Employee name - zapper

*DOJ 1 Types ZDOJ DATS 8 0 Date of birth

*DOB 1 Types GBDAT DATS 8 0 Date of Birth

*DESIG 1 Types ZDESIG CHAR 20 0 Desig

*DEPT 1 Types ZDEPT CHAR 20 0 Department

*AGE 1 Types ZAGE1 NUMC 3 0 Age

REPORT ZAP_EMP_DETAILS_REPORT.

*-- TABLES WORKAREA.

TABLES: PERNR.

*-- INFOTYPES DECLARATION.

INFOTYPES: 0001, 0002 .

*-- DEFINE SCREEN

SELECTION-SCREEN:BEGIN OF BLOCK B1 WITH FRAME TITLE TEXT-001.

SELECT-OPTIONS: S_PERNR FOR PERNR-PERNR ,

S_PERSG FOR PERNR-PERSG ,

S_PERSK FOR PERNR-PERSK ,

S_ABKRS FOR PERNR-ABKRS .

SELECTION-SCREEN:END OF BLOCK B1 .

*-- DATA OBJECTS

DATA: WA_FINAL TYPE ZHR_EMP_STRUC ,

IT_FINAL TYPE STANDARD TABLE OF ZHR_EMP_STRUC ,

DESIG(20) ,

DEPT(20) ,

AGE TYPE I .

*-- EXTRACTION LOGIC

START-OF-SELECTION.

GET PERNR . " LDB WILL FETCH DATA FROM RESPECTIVE INFOTYPES BASED ON SELECTION PROVIDED

CHECK PERNR-PERNR IN S_PERNR AND

PERNR-PERSG IN S_PERSG AND

PERNR-PERSK IN S_PERSK AND

PERNR-ABKRS IN S_ABKRS .

*-- SUBROUTINES.

IF SY-SUBRC EQ 0 .

PERFORM GET_DATA.

ENDIF.

END-OF-SELECTION. "LAST RECORD PROCESS

PERFORM PROCESS_DATA .

PERFORM DISPLAY_DATA .

&-----

*& Form GET_DATA

&-----

* EXTRACT THE DATA

FORM GET_DATA .

SELECT SINGLE PLSTX

FROM T528T

INTO DESIG

WHERE (PLANS = PERNR-PLANS AND OTYPE = 'S' AND SPRSL = 'EN').

SELECT SINGLE ORGTX

FROM T527X

INTO DEPT

WHERE ORGEH = PERNR-ORGEH .

WA_FINAL-PERNR = PERNR-PERNR .

WA_FINAL-ENAME = P0001-SNAME .

WA_FINAL-DOJ = P0001-BEGDA .

WA_FINAL-DOB = P0002-GBDAT .

WA_FINAL-DESIG = DESIG .

WA_FINAL-DEPT = DEPT .

*-- NOW GET THE AGE IN YEARS(NOT IN MONTHS)

CALL FUNCTION 'HR_RU_AGE_YEARS'

EXPORTING

PERNR = PERNR-PERNR

BSDTE = SY-DATUM

IMPORTING

VALUE = AGE

EXCEPTIONS

RECORD_NOT_FOUND = 1

STRANGE_BIRTH_DATE = 2

OTHERS = 3.

*-- ERROR HANDLING VIA EXCEPTIONS

IF SY-SUBRC EQ 2.

MESSAGE 'Unable to process your query' TYPE 'E'.

ELSEIF SY-SUBRC EQ 1.

MESSAGE 'Sorry, Record not found!' TYPE 'E'.

ELSEIF SY-SUBRC EQ 0.

WA_FINAL-AGE = AGE .

APPEND WA_FINAL TO IT_FINAL.

ENDIF.

ENDFORM. " GET_DATA

&-----

*& Form PROCESS_DATA

&-----

```
*      processing the employee details
*-----*
```

```
FORM PROCESS_DATA .
```

```
CALL FUNCTION 'SAPGUI_PROGRESS_INDICATOR'
```

```
EXPORTING
```

```
PERCENTAGE = 100
```

```
TEXT      = 'EMPLOYEE DETAILS'.
```

```
ENDFORM.          " PROCESS_DATA
```

```
*&-----*
```

```
*&  Form DISPLAY_DATA
```

```
*&-----*
```

```
*      Displaying the report
```

```
*-----*
```

```
FORM DISPLAY_DATA .
```

```
CALL FUNCTION 'REUSE_ALV_LIST_DISPLAY'
```

```
EXPORTING
```

```
I_STRUCTURE_NAME = 'ZHR_EMP_STRUC'
```

```
TABLES
```

```
T_OUTTAB      = IT_FINAL.
```

```
ENDFORM.          " DISPLAY_DATA
```

```
*-- Cheers , Enjoy Coding 😊
```