

Applies to:

SAP ECC 6.0 version, SAP HCM module

Summary

Some countries or branches require additional fields that are not relevant for other countries or branches. These additional fields are stored in individual infotype tables (Additional IT) that are always maintained with the standard infotype fields (Primary IT). The user continues to work with the standard infotype (Primary IT), but a different dialogue module is processed. Here we are referring to 'Infotype views'. Additional infotypes (Additional IT) are always edited with the standard infotypes (Primary IT). These additional infotypes inherit the standard infotypes' attributes but they cannot develop their own histories. Maintaining data directly (using transaction PA30) in the additional IT is not permitted. This article will describe the steps required to create an infotype view.

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Introduction

Let us say you want to maintain some additional data (Employment type) in infotype 0007 for employees of a particular country or for certain Employee sub-group.

Following are the possible ways to achieve this:

1. Enhance infotype 0007 and add field 'Employment type'. And to ensure that the additional field is only available for certain employees, you need to put some custom logic in program MP000700.
2. Create an infotype view. The addition field 'Employment type' will be stored in another custom infotype but will be available in infotype 0007 by making use of infotype view. And to ensure that the additional field is only available for certain employees, customizing needs to be done.

So, with this approach there is no need to enhance infotype 0007.

The following section describes the steps to create an infotype view.

Create an Infotype View

To create an infotype view, follow the steps mentioned below:

1. Go to transaction PM01 and click on "IT View" tab.

Specify "Primary IT", "Additional IT" and the "Infotype Version" and then click on "Generate Objects" button. This will take you to another screen where you will define PS structure of the additional IT as described in point 2.

To decide what infotype version to choose to create infotype view, refer to field "Infotype View Ind" of infotype 0003.

The screenshot shows the 'Create infotype view' dialog in SAP. The title bar includes 'Infotype view', 'Edit', 'Goto', 'Utilities', 'System', and 'Help'. The main area contains the following fields:

Primary IT	Infotype no.	0007	
Addnl IT	Infotype no.	9501	
	View	V951	
Infotype Vers.		06	

Below the fields are two sections:

- Subobjects:**
 - PS Struc. of Secondary IT
 - Module pool
 - Screen
 - CheckClass/BAdI of Primary IT
- Characteristics:**
 - Pack: \$TMP

- Define additional fields in the "Additional IT" PS structure.

Dictionary: Display Structure

Structure: PS9501 Active
 Short Description: View: Type of Employment

Attributes Components Entry help/check Currency/quantity fields

Predefined Type 2 / 3

Component	RTy...	Component type	Data Type	Length	Decim...	Short Description
EMPTYP	<input type="checkbox"/>	DE_EMP_TYP	CHAR	2	0	Employment Type

- Define infotype attributes for this additional infotype

Display View "Infotype attributes (Customizing)": Details

Infotype: 9501 Additional infotype for view

General attributes

Time constraint
 Subtype obligatory
 Acctng/log data
 Time cnstr.tab.
 Subtype table
 Text allowed
 Maint.aft.leave
 Subty.text tab.
 Copy infotype
 Access auth.
 Subtype field
 Propose infotype

Display and selection

Select w/ start
 Create w/o strt
 Sort sequence
 Select w/ end
 Create w/o end
 Screen header
 Select w/o date
 List time per.
 Choose data

Retroactive accounting trigger

Before ERA date
 Entry of RA limit time
 Past entry all.
 Retr.acct.payr.
 Retr.acct.PDC
 No org.assign.

Technical data

Single screen
 Dialog module RP_9501
 List screen
 Structure P9501
 List entry
 Database table PA9501

Applicant infotypes

Applicant DBTab

4. Assign Infotype views

- Create following entries in customizing view V_T582W

Display View "Assigns Infotype View to Prim

View	No	Infotype	Infotype text
V951	1	0007	Planned Working Time
V951	2	9501	View: Type of Employmen

- Create following entries in customizing view V_T582V

Display View "Assignment of Infotypes to Views": Overview

Vind	IType	Infotype text	View	Program	Screen	Dialog
06	0007	Planned Working T	V951	MP950100	0100	

How to maintain data in the Infotype using infotype view

1. Let us first find a suitable employee for which additional data can be maintained. In our example it is personnel no. 38 which has 'IT view indicator' as '06' in infotype 0003.

Data Browser: Table PA0003 Select Entr

Table: PA0003
Displayed Fields: 4 of 4 Fixed Columns:

Personnel no.	End Date	Start Date	IT view ind.
00000038	31.12.9999	01.01.1800	06

This view indicator is determined in the feature IWVID and is assigned to the employee at the time of hiring.

2. Now maintain infotype 0007 data for this employee using transaction PA30. You will see the additional field 'Employment type' at the end of the screen.

Note: Please note that the additional fields (employment type) will not be available in infotype 0007 for employees who have got value other than '06' in field 'IT view indicator' in infotype 0003.

Name	Mr. XYZ
Personnel ar	FR01
Start	01.01.2009 - 31.12.9999
Work Schedule Rule	
Work schedule rule	JOUR
Time Mgmt status	0 0 - No time ev
Working week	<input type="checkbox"/>
<input type="checkbox"/> Part-time employee	
Working Time	
Modalité d'activité	<input type="checkbox"/>
Employment percent	100.00
Daily working hours	7.80
Weekly working hours	39.00
Monthly working hrs	169.00
Annual working hours	2028.00
Weekly workdays	5.00
Employment type	
Employment type	0

Related Content

[Infotypes](#)

[Define Custom HR Infotype](#)

[Developing an Infotype in PA](#)

For more information, visit the [Enterprise Resource Planning homepage](#).

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