Infotype View

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.

2. 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	☐	DE_EMP_TYP	CHAR	2	0	Employment Type

3. Define infotype attributes for this additional infotype

Display View "Infotype attributes (Customizing)": Details

Infotype	9501	Additional infotype for vi

General attributes

Time constraint	☐ Subtype obligatory	☐ Accntng/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": Overviev

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

Check Table...

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 IVWID 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 aviailable 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 eva
Working week	
☐ Part-time employee	

Working Time

Modalité d'activité	
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

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