PA Custom Infotype Development - Employee Infotype for PA Module of SAP HCM

Applies to:

This document applies to SAP ECC 6.0, SAP Netweaver 2004s.

For more information, visit the ABAP homepage.

Summary

This article drives you through the critical but simple process of developing custom infotype in SAP ECC 6.0 version for SAP HCM (Human Capital Management) Module.

Here we have a requirement of employee information regarding the relatives in the company and related details for any of the group companies.

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Created on: 01 June 2009

Author Bio

By education I am B.E. Information Technology, I am working as a Chief SAP ABAP Developer as well as SAP HCM Functional team member with Torrent Power Ltd. India's one of the best Power Industry. My current technical work includes development with following ABAP, ABAP HR, ABAP Objects, Smartforms, BDC, BAPI, SAP Enterprise Portal, and SAP Web dynepro for Java.

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Steps for Developing Custom Infotype - 9501

Developing custom Infotype includes following steps:

1. Create PS Structure using T-code PM01.
2. Generate other required components.
3. Maintaining Technical Attributes for the Infotype.
4. Maintaining Infotype Characteristics
5. Testing the Infotype in PA30.

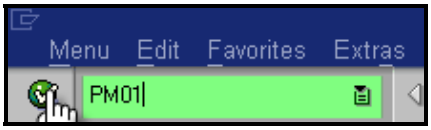
Detailed Process for Custom Infotype Development

We will be creating a custom infotype for the SAP HR PA module, which will be serving as the neccessary documents to be collected Checklist for the new joinees in the company at the time of joining.

Now we will go through the step by step procedure for Custom infotype creation.

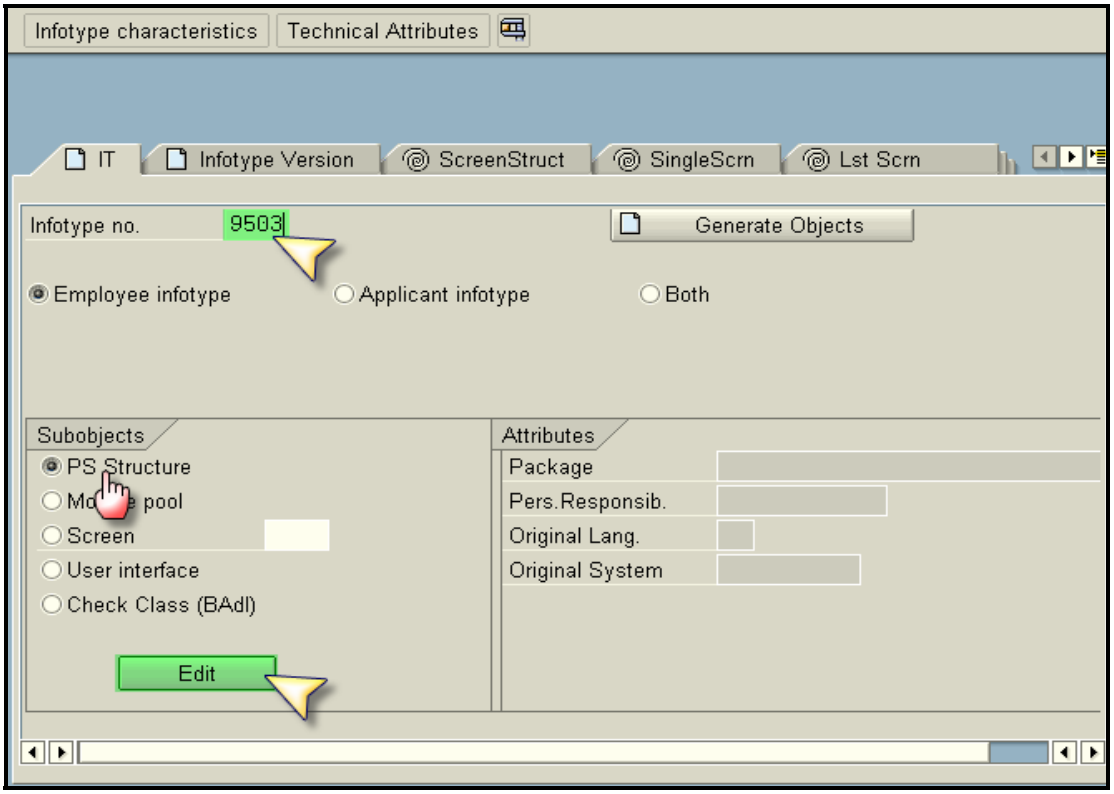
1. PM01

Enter the T-code PM01 in SAP command bar and click enter or



2. Type of Infotype

You will see the below screen, where Enter the Infotype no. 9503 and Select the Employee Infotype if Infotype is for PA or employee module and not for recruitment and also select PS Structure Radio Button, Then click on Edit Button



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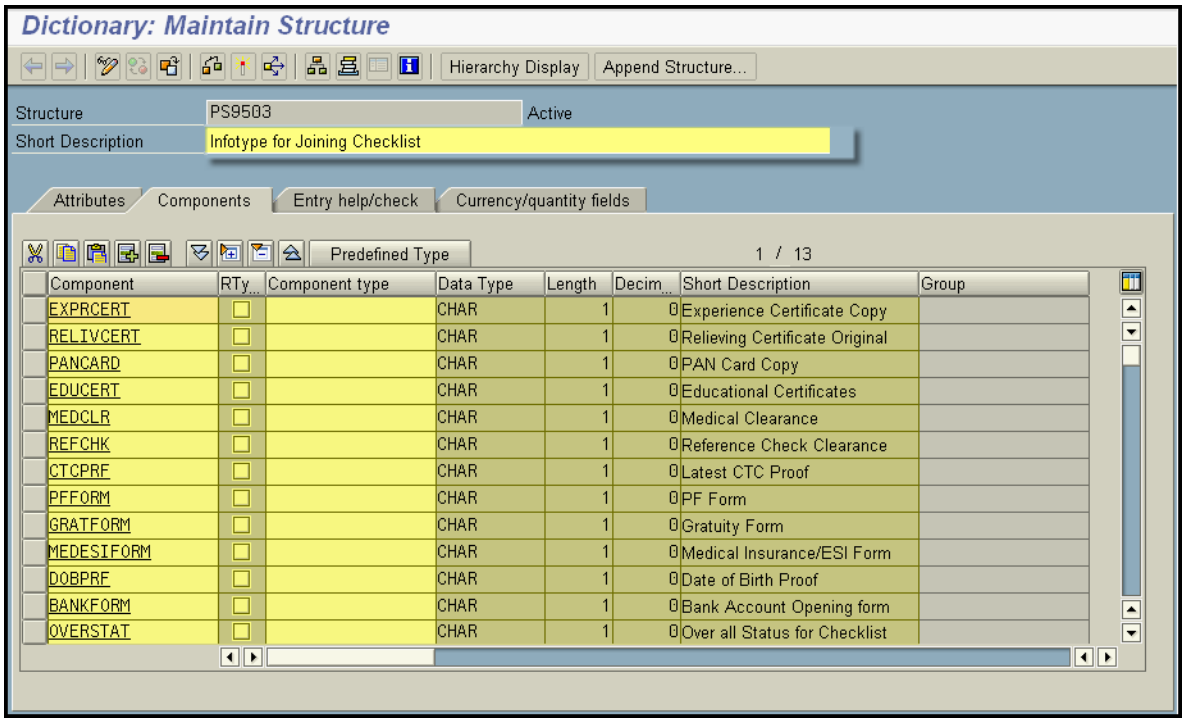
3. Define the Structure for Your Infotype

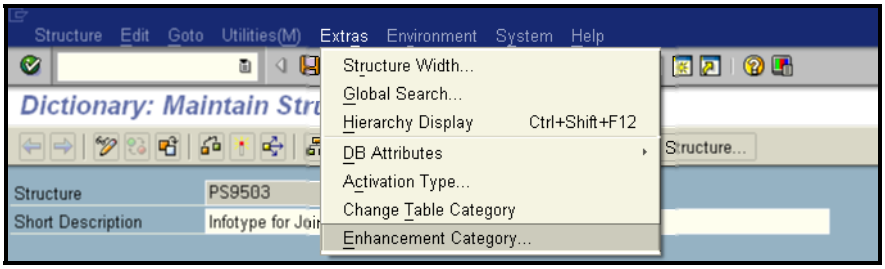
You will see the next screen as shown below, Enter the Description of structure for the Infotype which you are developing.

Also make entry of the rows for the fields you require in the infotype.



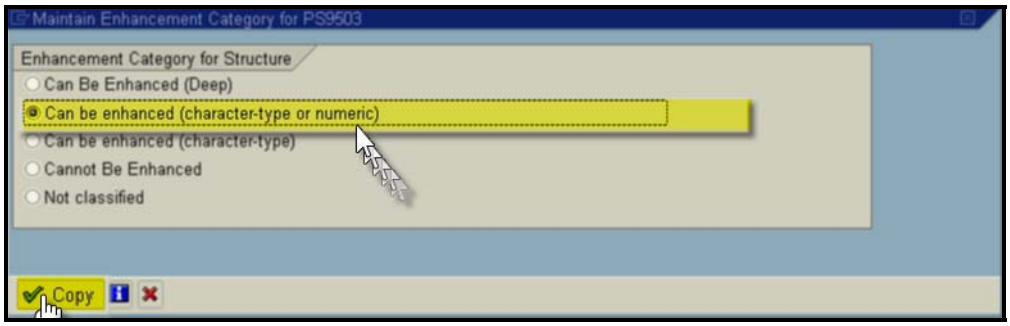
4. Enhacement Category

Maintain Enhancement Category against the same Structure.



5. Can Be Enhanced

Now Select the Can be enhanced (character-type or numeric) option click on Copy button Click Save , Check & Activate



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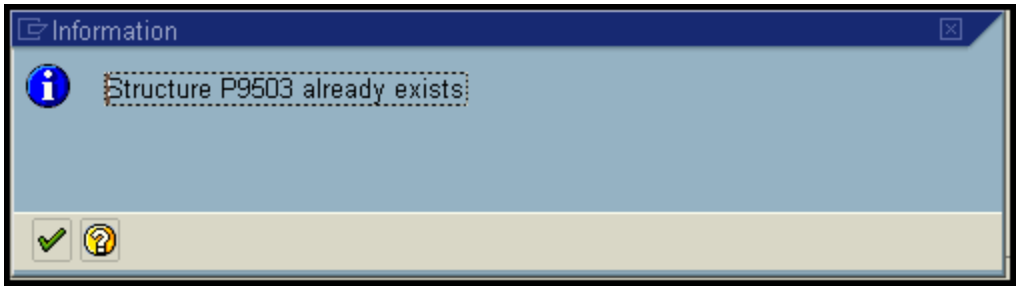
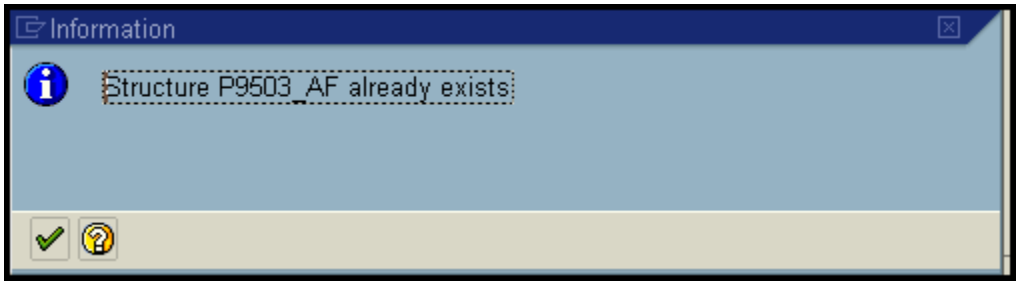
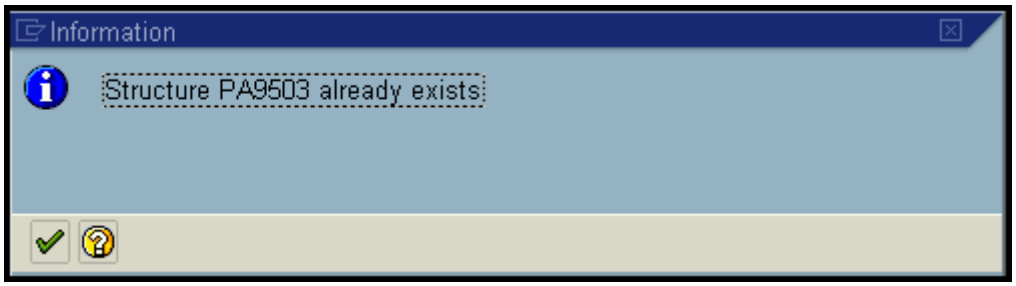
6. Generate Objects

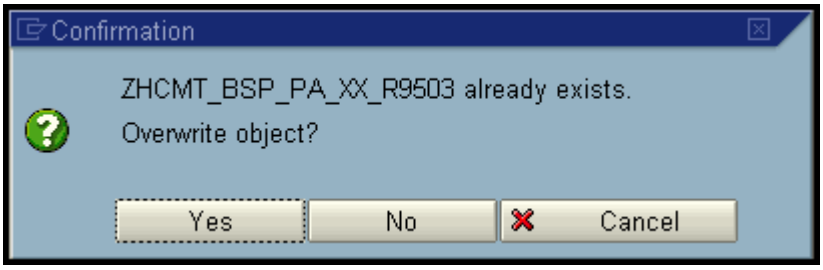
Now Go Back to PM01 Initial screen as shown in below screen will appear, click on

button, you will see the following message go for overwrite and continue.









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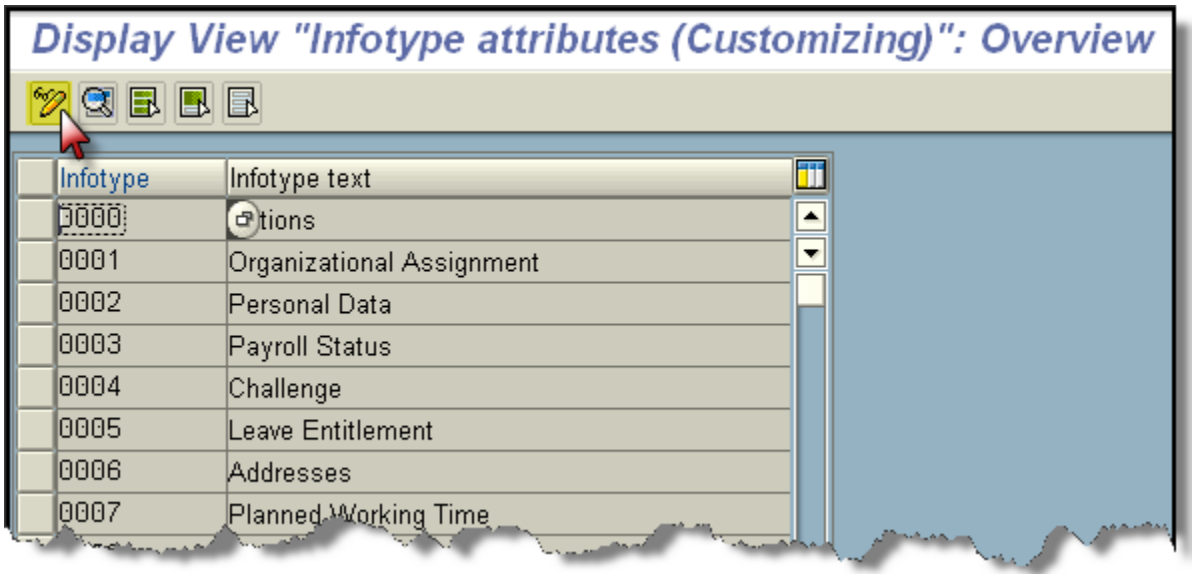
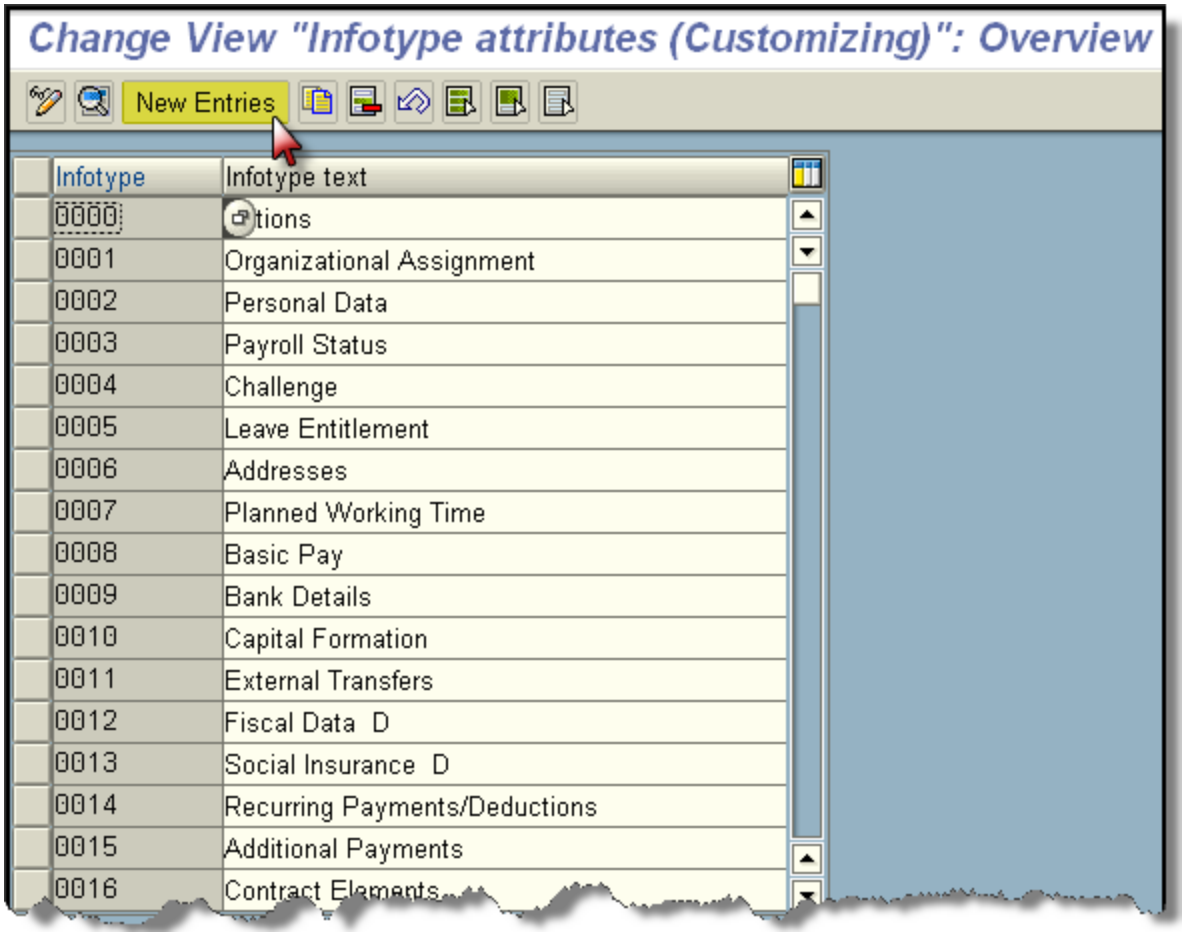
7. Maintain Inftype Attributes

On completion of the Generation of objects below screen appears, click on Edit button, then click on New Entries

button.





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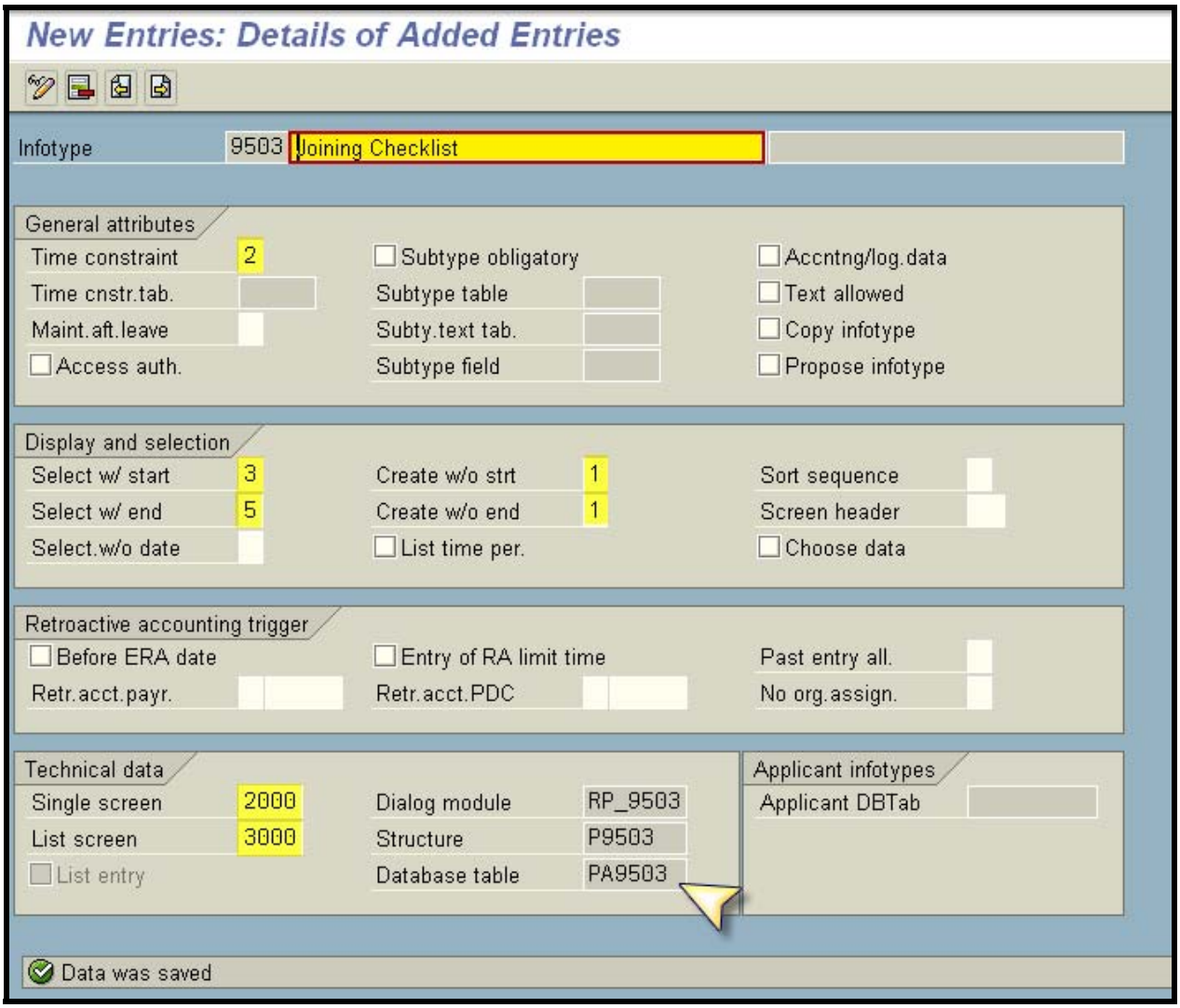
8. Intotype Attribute Details

The Screen shown below appears make the entries for the Infotype shown in below table and press Enter. The other values such as Dialog module, Structure & Database tables will be defaulted as shown in figure.

Name of Infotype	**Joining Checklist**
Time Constraint	**2** (Record may include Gaps, No Overlapings)
Select W/ start	**3** (Valid Record for entered data)
Select W/ end	**5** (Records with valid dates within the period entered
Create w/o strt	**1** (Hiring date, if no record exists, otherwise blank or 0)
Create w/o end	**1** (Default value is 31.12.9999)
Single screen	**2000**
List screen	**3000**

Table 1: Values Table for Infotype Characteristics



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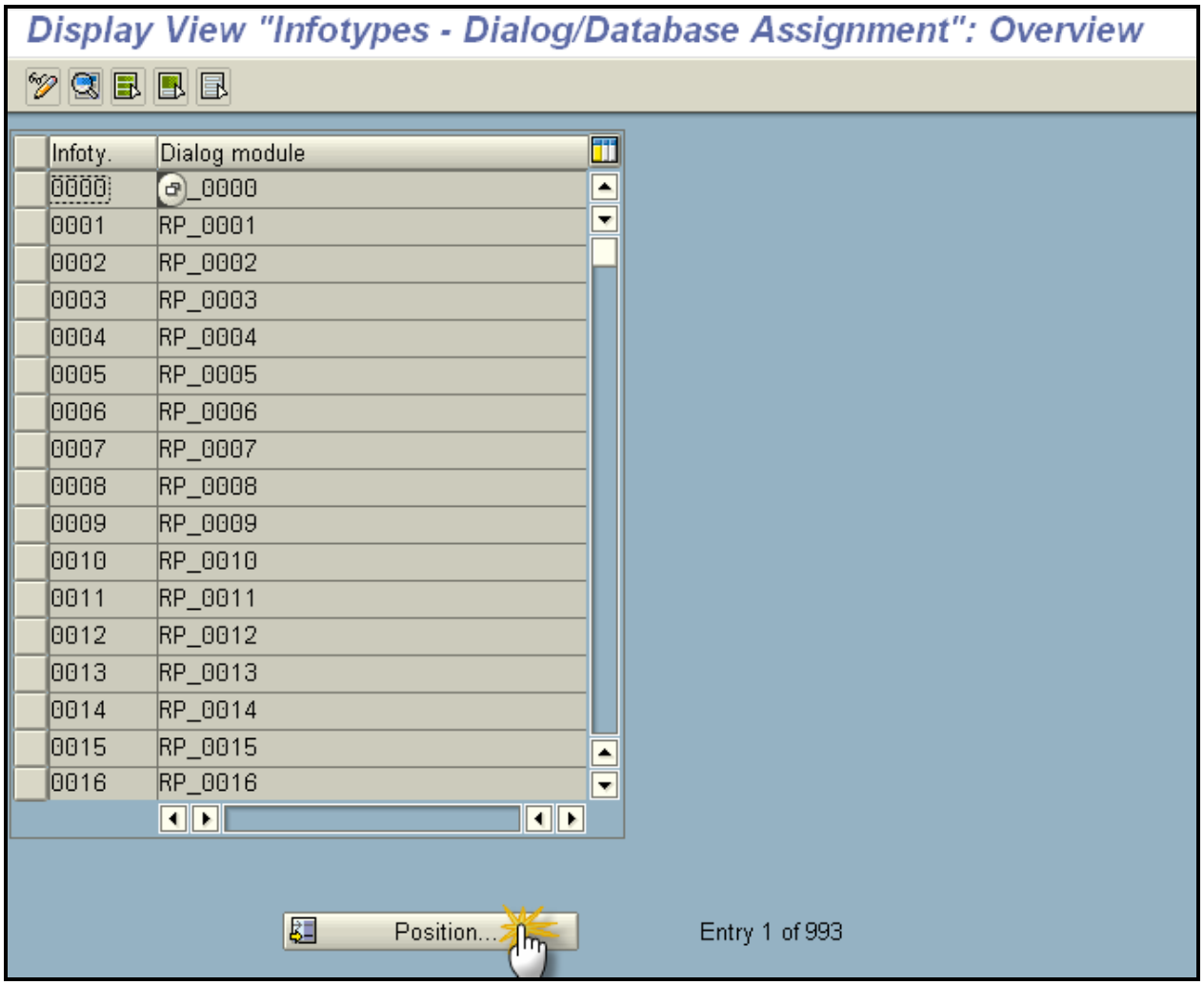
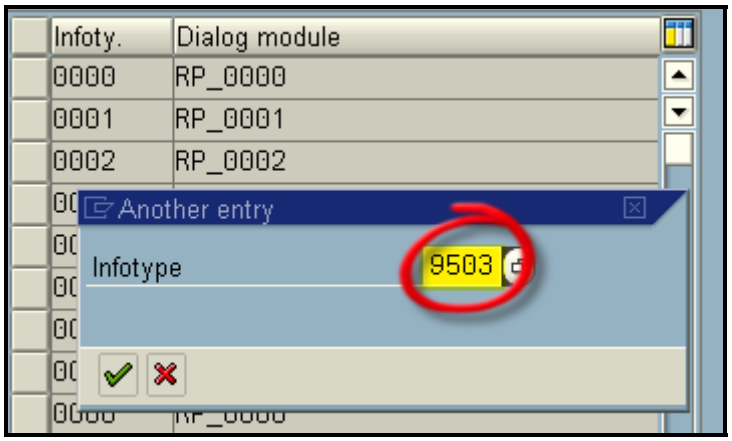
9. Technical Attributes

Now Click on Technical Attributes

button below application toolbar. Click on Edit button then click on Position button

on the resulting screen and enter the infotype number 9503 and click continue then click on Show details button next to edit button.





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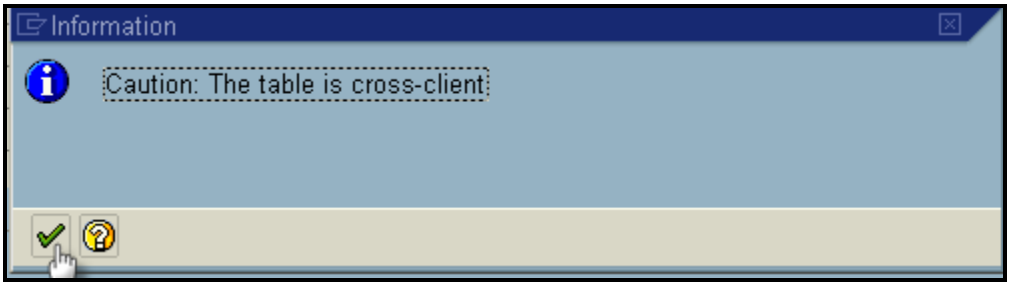
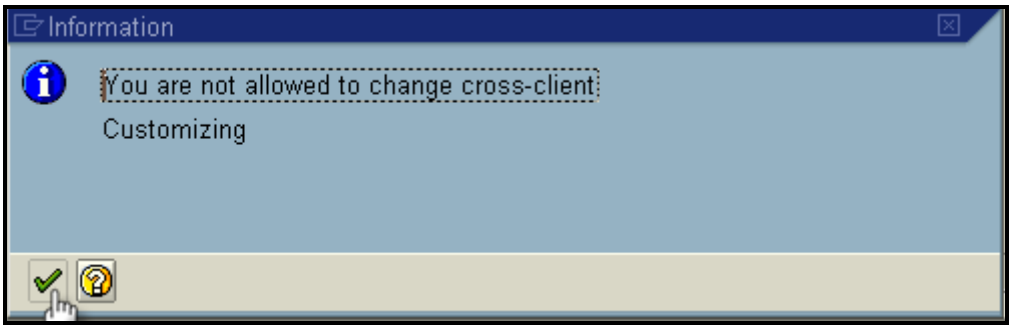
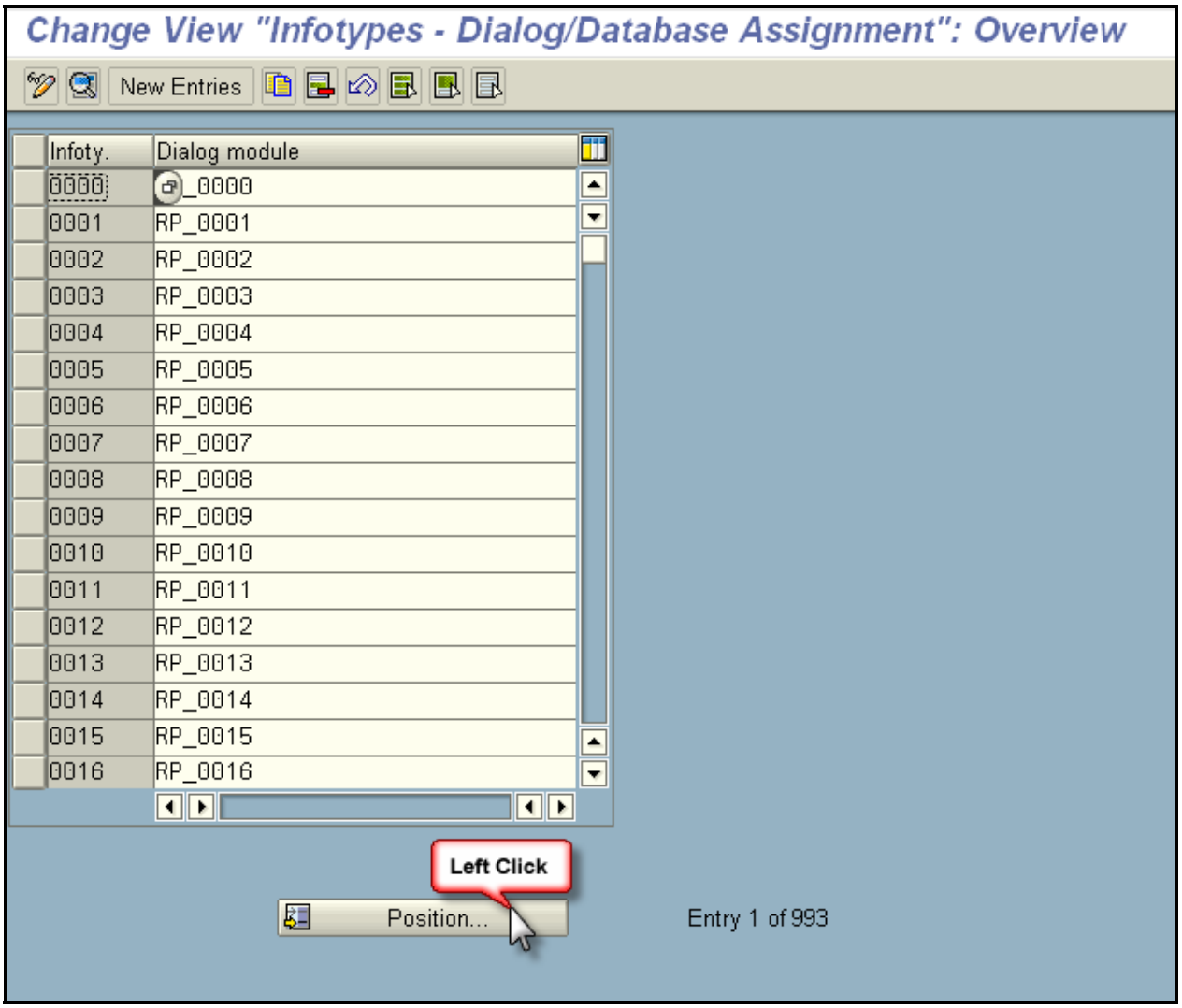

Information
Caution: The table is cross-client


Information
You are not allowed to change cross-client
Customizing


Change View "Infotypes - Dialog/Database Assignment": Overview
New Entries
Infoty.
Dialog module
0000 _0000
0001 RP_0001
0002 RP_0002
0003 RP_0003
0004 RP_0004
0005 RP_0005
0006 RP_0006
0007 RP_0007
0008 RP_0008
0009 RP_0009
0010 RP_0010
0011 RP_0011
0012 RP_0012
0013 RP_0013
0014 RP_0014
0015 RP_0015
0016 RP_0016
Left Click
Position...
Entry 1 of 993

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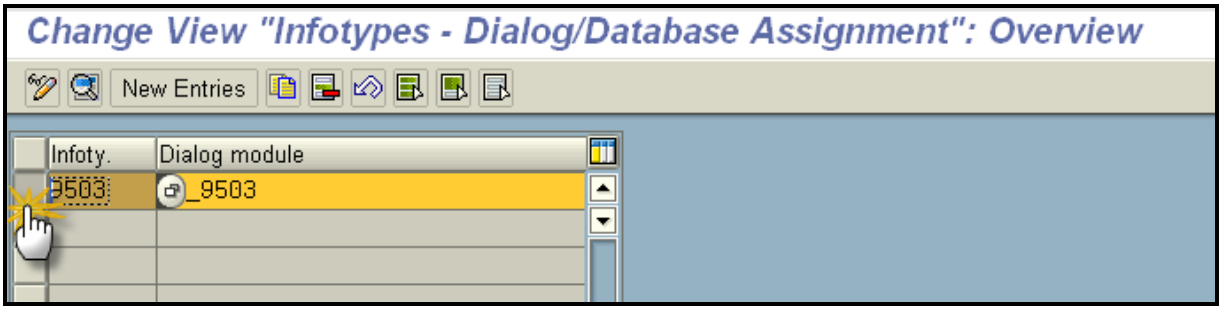

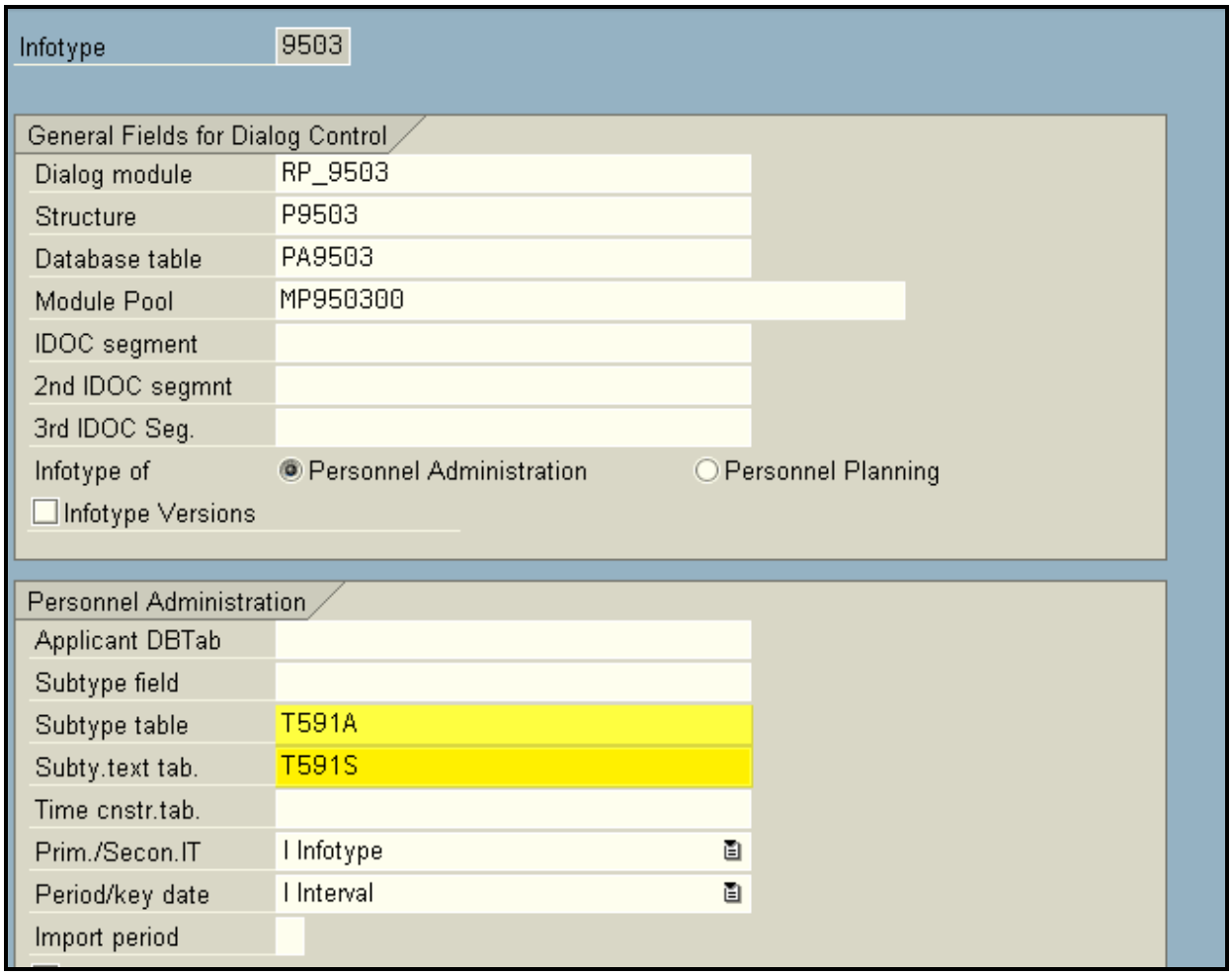

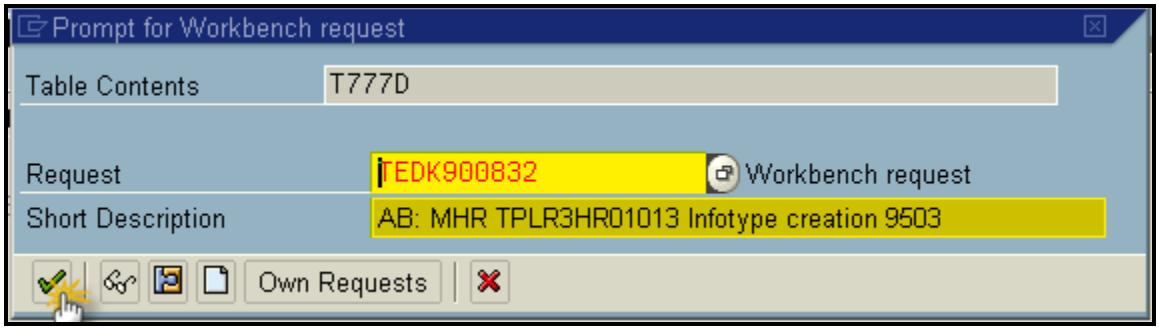

Click **Save** , **Check** & **Activate**

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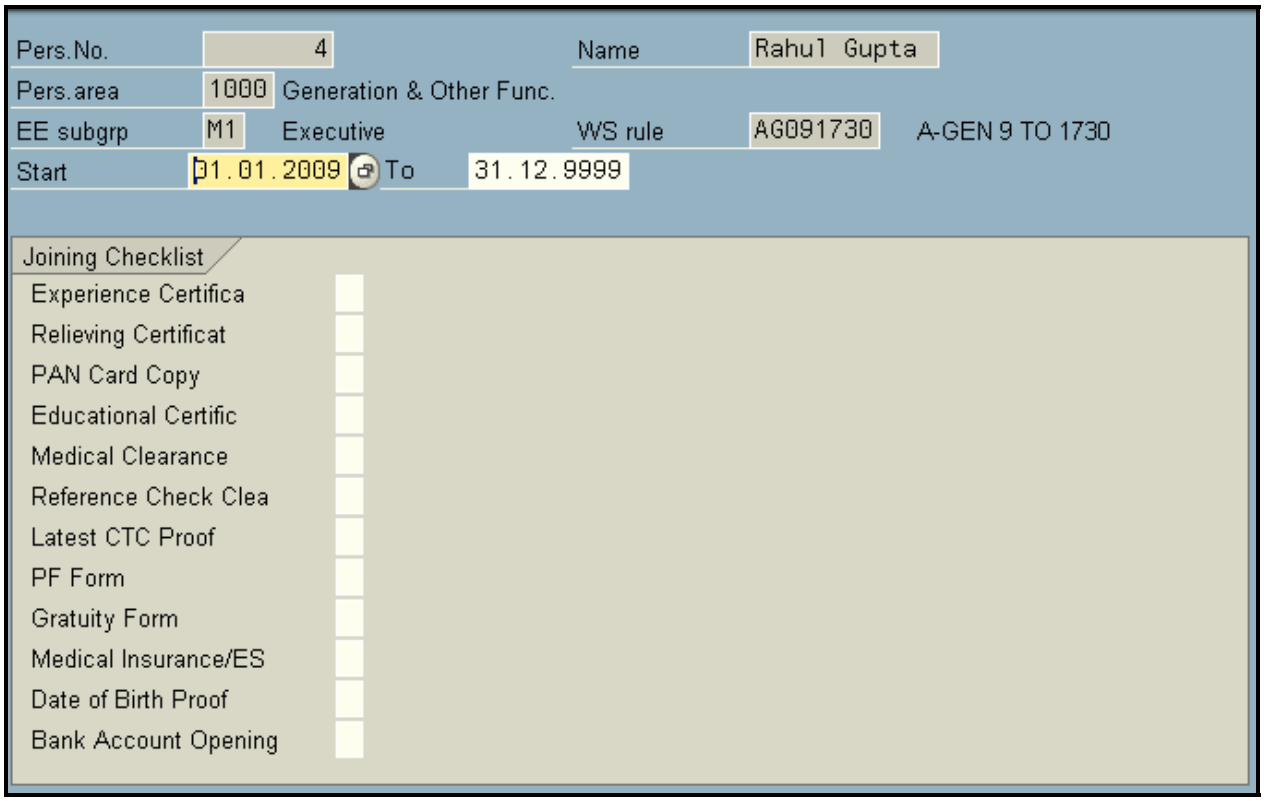
10. Test Your Infotype

Now Run the Infotype by PA30 for one employee you will find the below screen as output, But now the requirement for ouput changes to be having Check boxes for each line items of structure.



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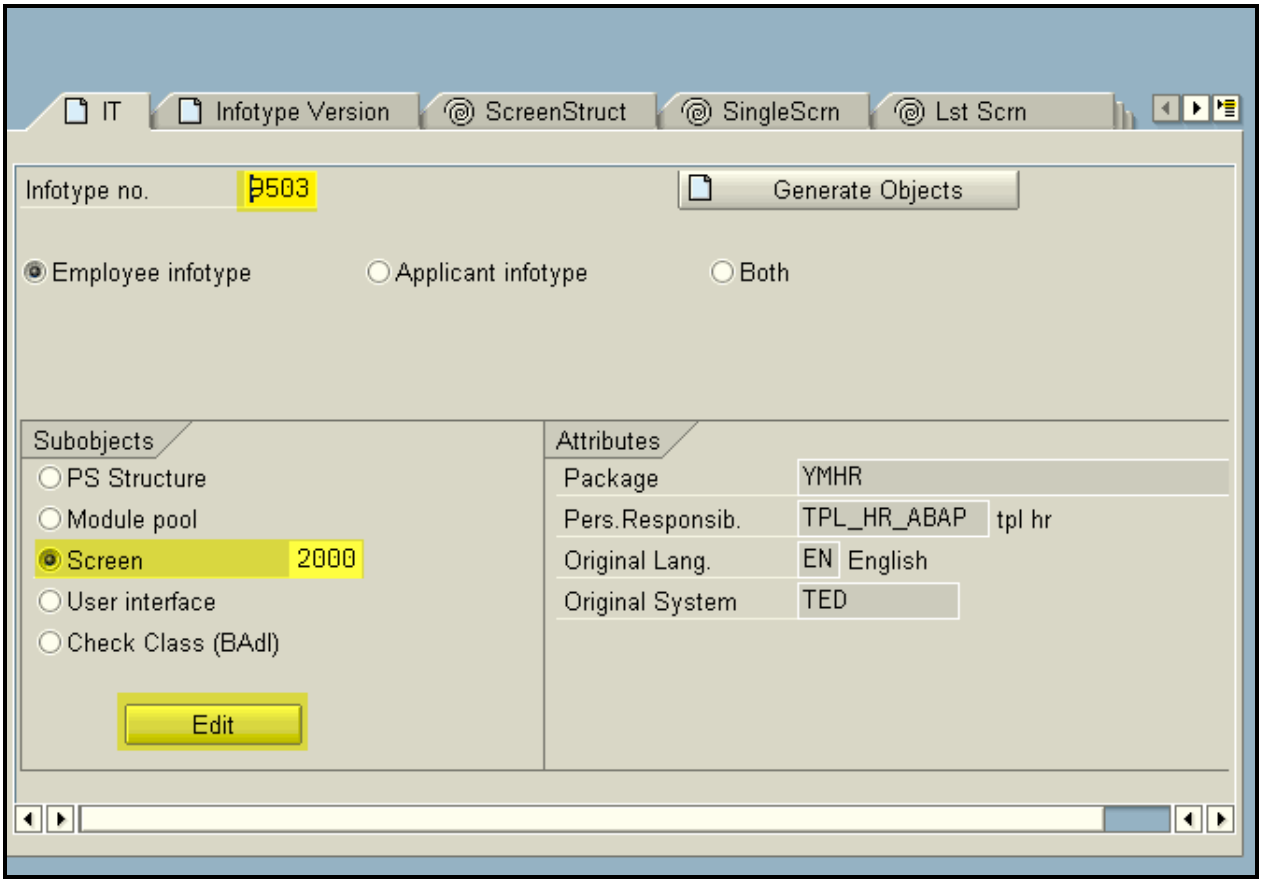
11. Radio Button/ Check Box Fields

For the satisfying requirement we will change the layout of the screen i.e. 2000 so go to PM01 again and enter the infotype no. 9503, Select radio button option of Screen give 2000 click on Edit.

This will bring the screen of **Screen Painter**, click on Change then click on Layout button, select the label and corresponding **input field ➔ right click ➔ check box ➔ left checkbox option**, repeat for all the fields.



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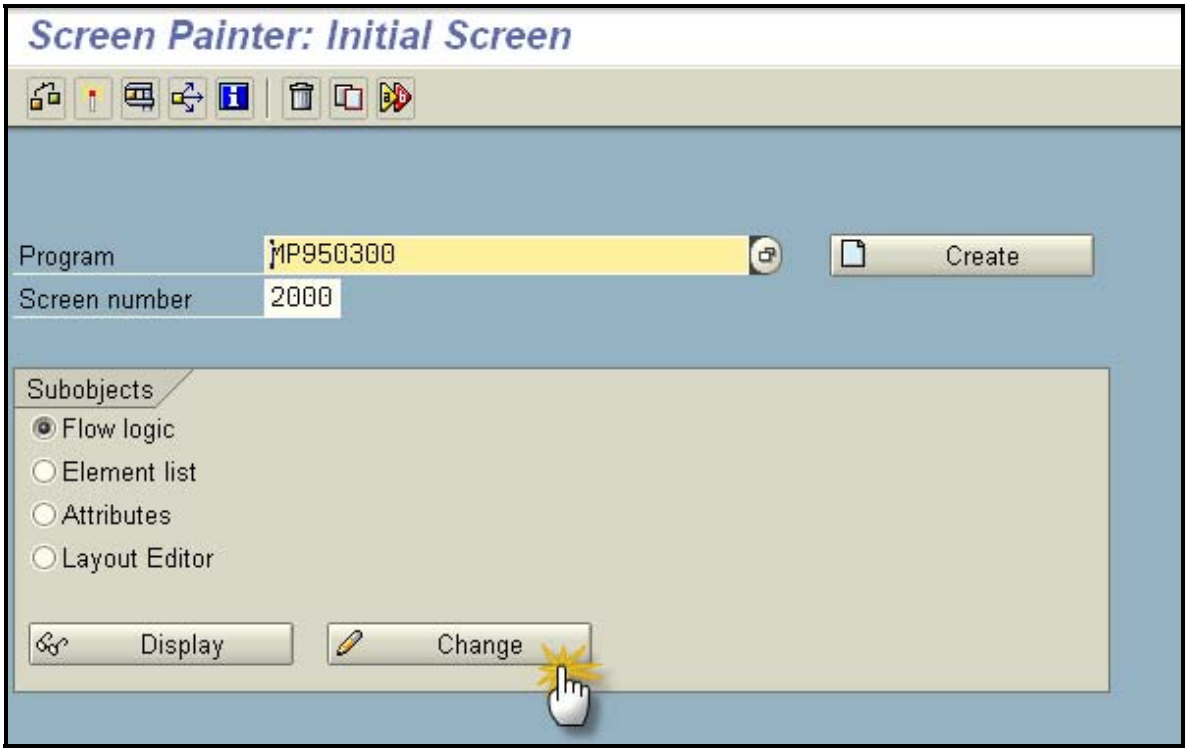
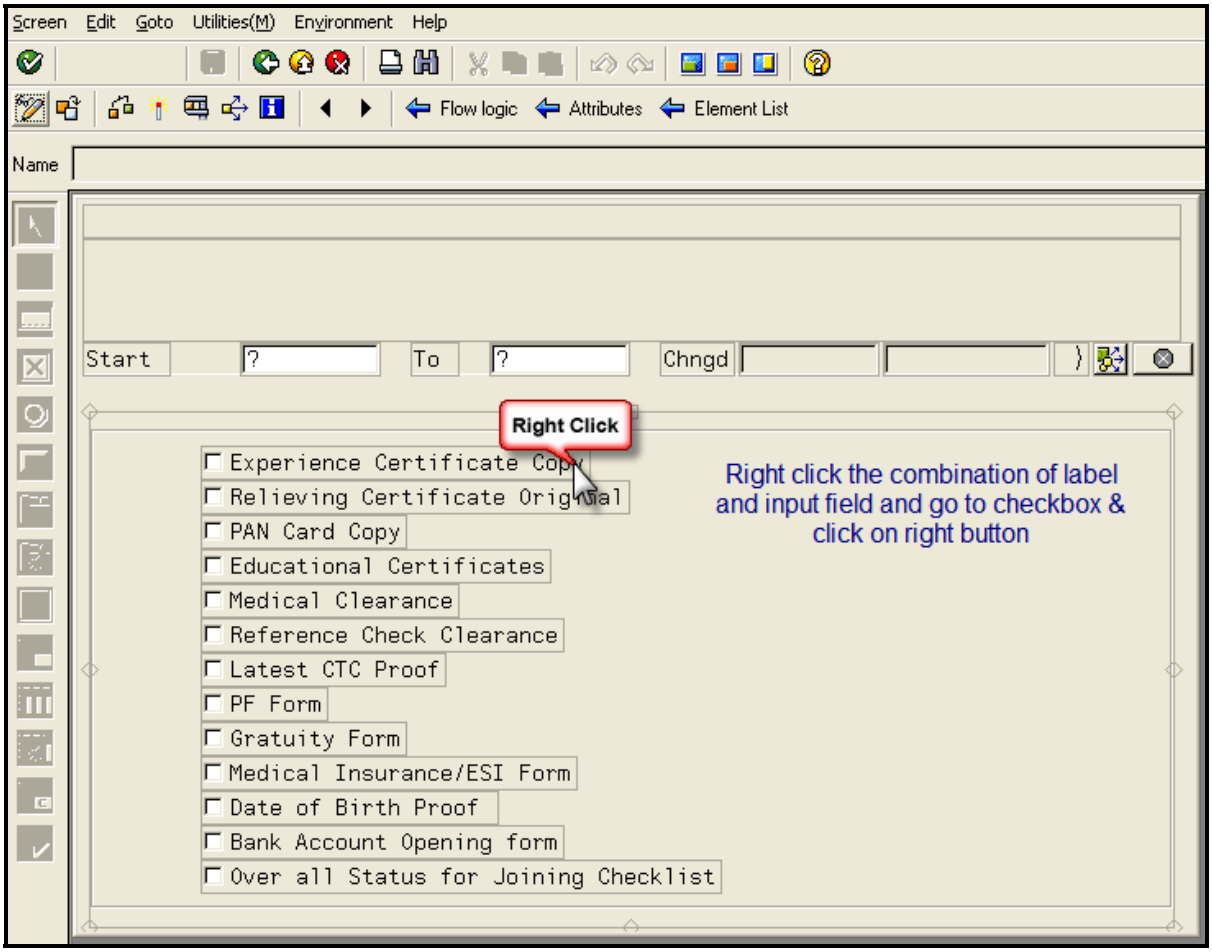

Screen Painter: Initial Screen
Program
MP950300
Create
Screen number
2000
Subobjects
Flow logic
Element list
Attributes
Layout Editor
Display
Change

Layout


Screen Edit Goto Utilities(M) Environment Help
Flow logic
Attributes
Element List
Name
Start
To
Chngd
Right Click
Experience Certificate Copy
Relieving Certificate Original
PAN Card Copy
Educational Certificates
Medical Clearance
Reference Check Clearance
Latest CTC Proof
PF Form
Gratuity Form
Medical Insurance/ESI Form
Date of Birth Proof
Bank Account Opening form
Over all Status for Joining Checklist
Right click the combination of label and input field and go to checkbox & click on right button

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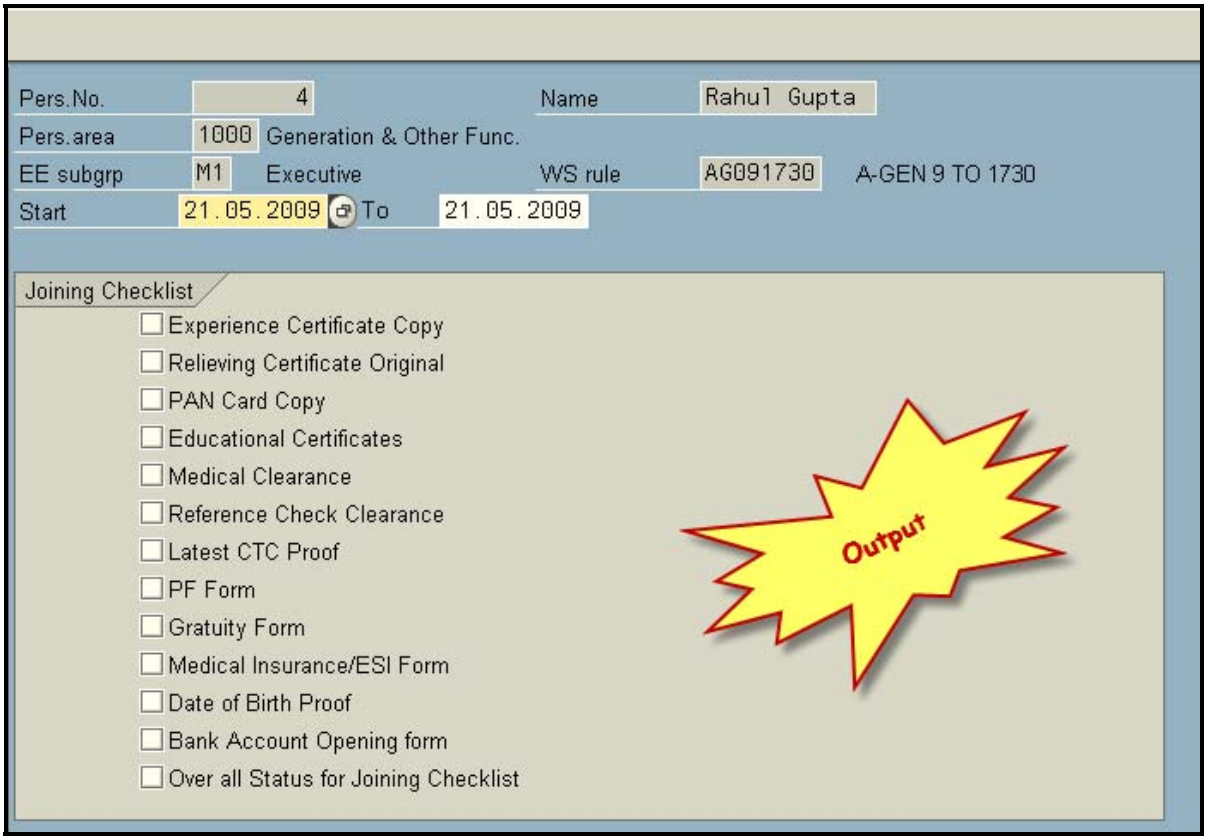
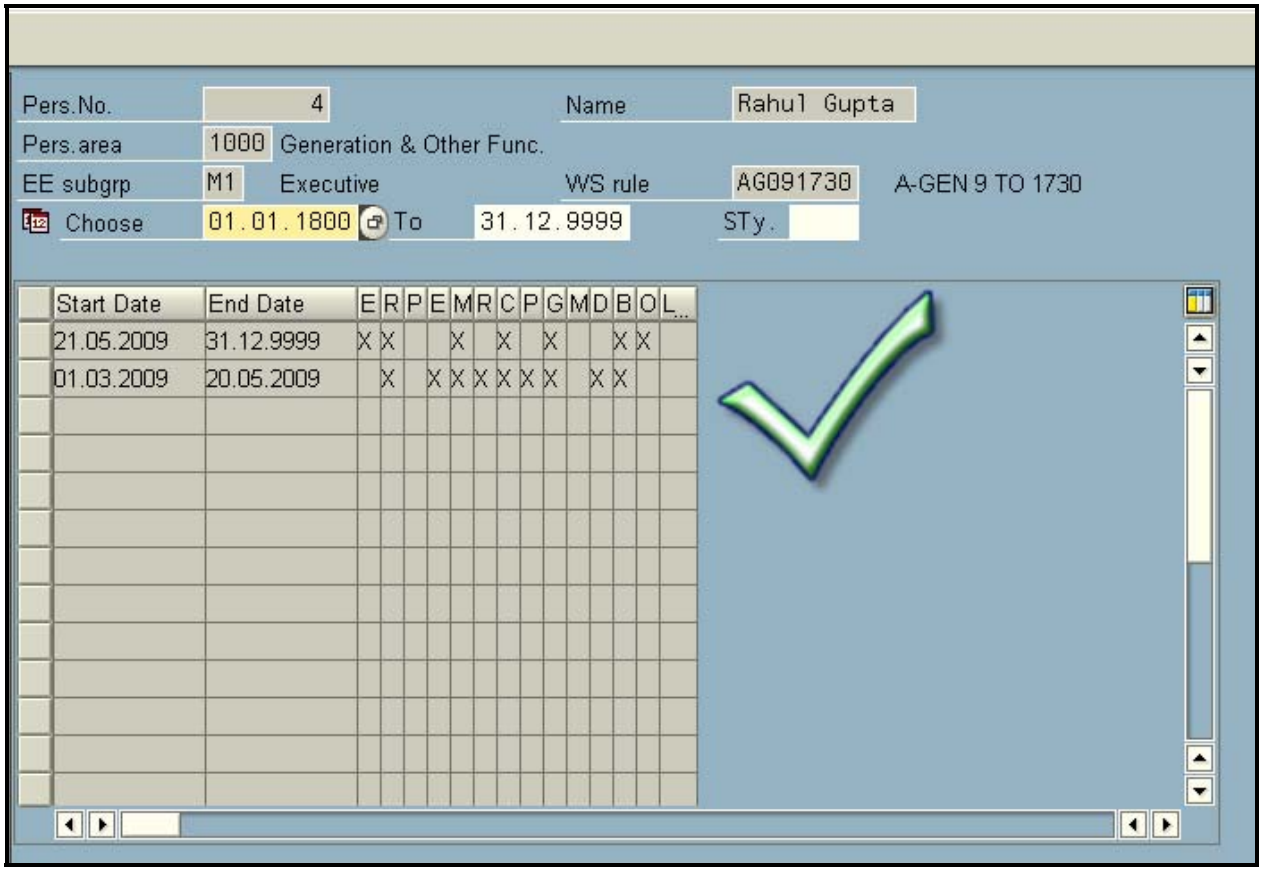

Pers.No. 4
Name Rahul Gupta
Pers.area 1000 Generation & Other Func.
EE subgrp M1 Executive
WS rule AG091730 A-GEN 9 TO 1730
Start 21.05.2009 To 21.05.2009
Joining Checklist
Experience Certificate Copy
Relieving Certificate Original
PAN Card Copy
Educational Certificates
Medical Clearance
Reference Check Clearance
Latest CTC Proof
PF Form
Gratuity Form
Medical Insurance/ESI Form
Date of Birth Proof
Bank Account Opening form
Over all Status for Joining Checklist
Output


Pers.No. 4
Name Rahul Gupta
Pers.area 1000 Generation & Other Func.
EE subgrp M1 Executive
WS rule AG091730 A-GEN 9 TO 1730
Choose 01.01.1800 To 31.12.9999 STy.
Start Date End Date E R P E M R C P G M D B O L...
21.05.2009 31.12.9999 X X X X X X X
01.03.2009 20.05.2009 X X X X X X X X X X

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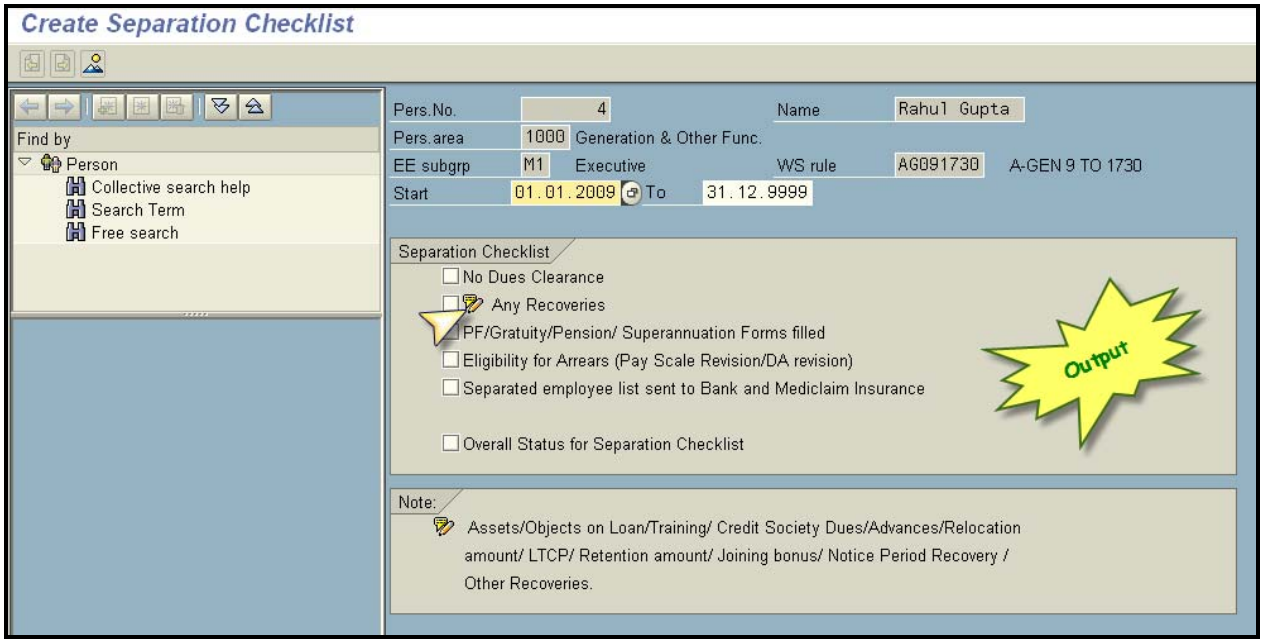
Create Separation Checklist
Find by
Person
Collective search help
Search Term
Free search
Pers.No. 4
Name Rahul Gupta
Pers.area 1000 Generation & Other Func.
EE subgrp M1 Executive
WS rule AG091730 A-GEN 9 TO 1730
Start 01.01.2009 To 31.12.9999
Separation Checklist
No Dues Clearance
Any Recoveries
PF/Gratuity/Pension/ Superannuation Forms filled
Eligibility for Arrears (Pay Scale Revision/DA revision)
Separated employee list sent to Bank and Mediclaim Insurance
Overall Status for Separation Checklist
Output
Note:
Assets/Objects on Loan/Training/ Credit Society Dues/Advances/Relocation amount/ LTCP/ Retention amount/ Joining bonus/ Notice Period Recovery / Other Recoveries.

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