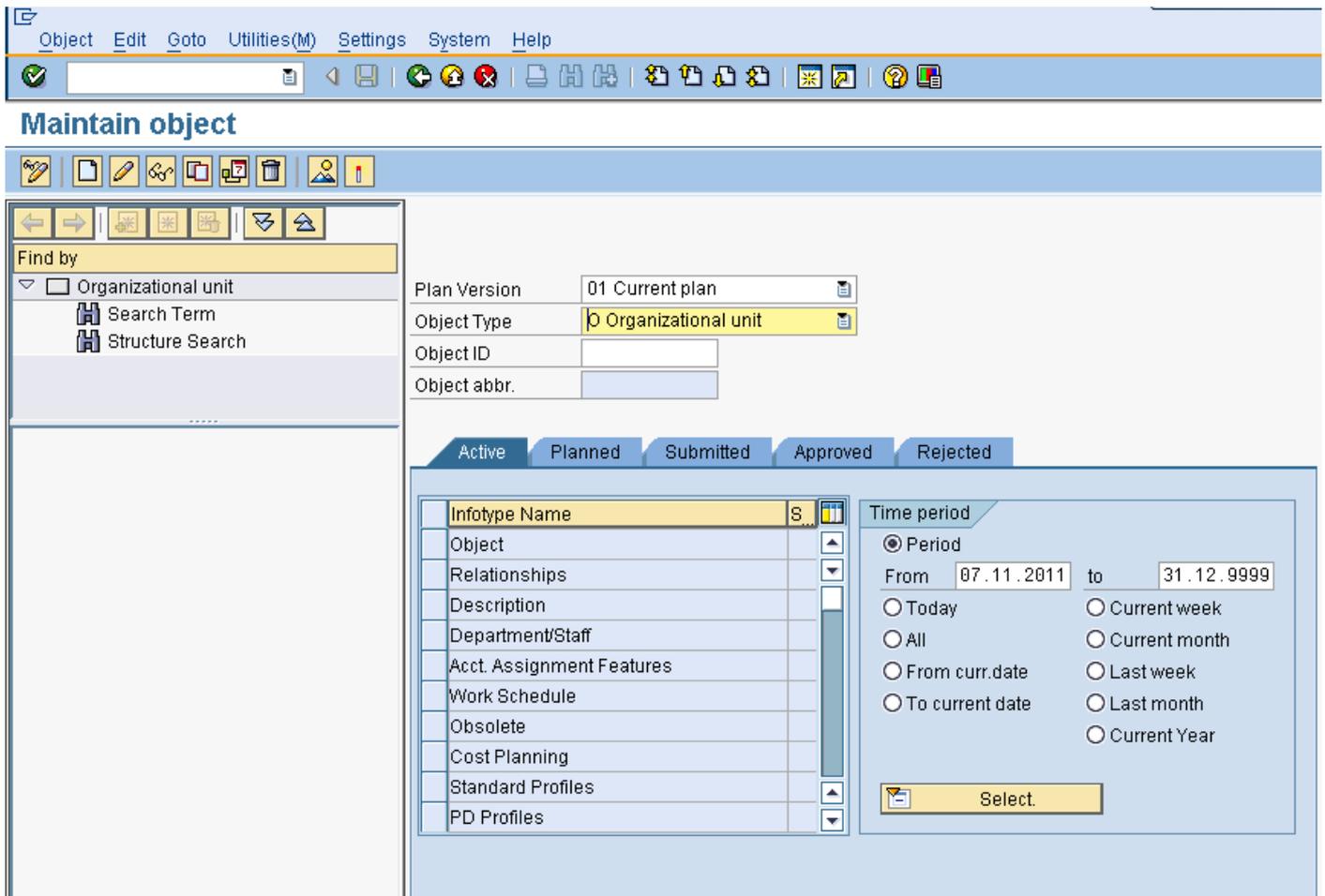


The main content of Organizational Management Module(SAP HR-OM)

Organizational Management is the basic module of SAP HR. It is used to manage the information of department, position, job, work center and other objects. The important point is the intergration of OM and PA modules. The hard point is how to config the framework of transaction:PPOME. The operation of this module is much easier than others.

The SAP HR system provide two tcodes for operation. one is PP01 to maintain the information about all of the object except person(P). User can display,change,create and delete all the infotypes for almost all the objects through PP01. User also can use PO10 to maintain the infotypes of object:Organizaiaon (O) and P013 to maintain the infotypes of object:Position(S). The layout of PO10,PO13 and PP01 are similar,just different for different objects.



the other one is PPOME. This transaction code is to maintain the information of certain object in tree and several important infotype for different objects. The two related tcode are provided by SAP HR system: PPOSE and PPOCE. PPOSE for display. PPOCE is to create the root of a tree!

Organization and Staffing Change

07.11.2011 + 3 Months

Access Assignments	Code	ID	Relationship text	Chief	Valid from	Valid to	Assigned as...	Assigned until	Workflow
HR Manager	HRM	S 50001968	Is HR Authorised by		01.01.1900	Unlimited	01.01.1900	Unlimited	
Nurudeen, Monsi Nurudeen	P	01000205	Holder		01.03.2011	Unlimited	01.03.2011	Unlimited	
Information Develop Info Dev	S	50000251	Handled by supervisor		01.01.2010	Unlimited	04.07.2011	Unlimited	
Test Br, Test Br	Test Br	P 00000031	Holder		01.01.2010	Unlimited	01.01.2010	Unlimited	

Details for Organizational unit A.P. Moller - Maersk

Subtype: Main address

Address suppl. [] Valid from: 01.01.1900

House no/street [] To: 31.12.9999

City []

Postal code []

Country [] Region []

Telephone no. []

Fax number []

E-Mail Address []

As a SAP HR consultant, we should know how to config OM module. The follow content should be very clear to know how to do:

1: how to create a new object ?

2: how to create a new relationship and evaluation path ?

3: how to create a new information type ?

4: how to assign the new Infotype to objects and make it displayed through PP01/PO10/PO13?

5: how to config the content of PPOME, such as add or delete an object in the PPOME, change the logic for search tools, config the tab page for objects ? it is complex.

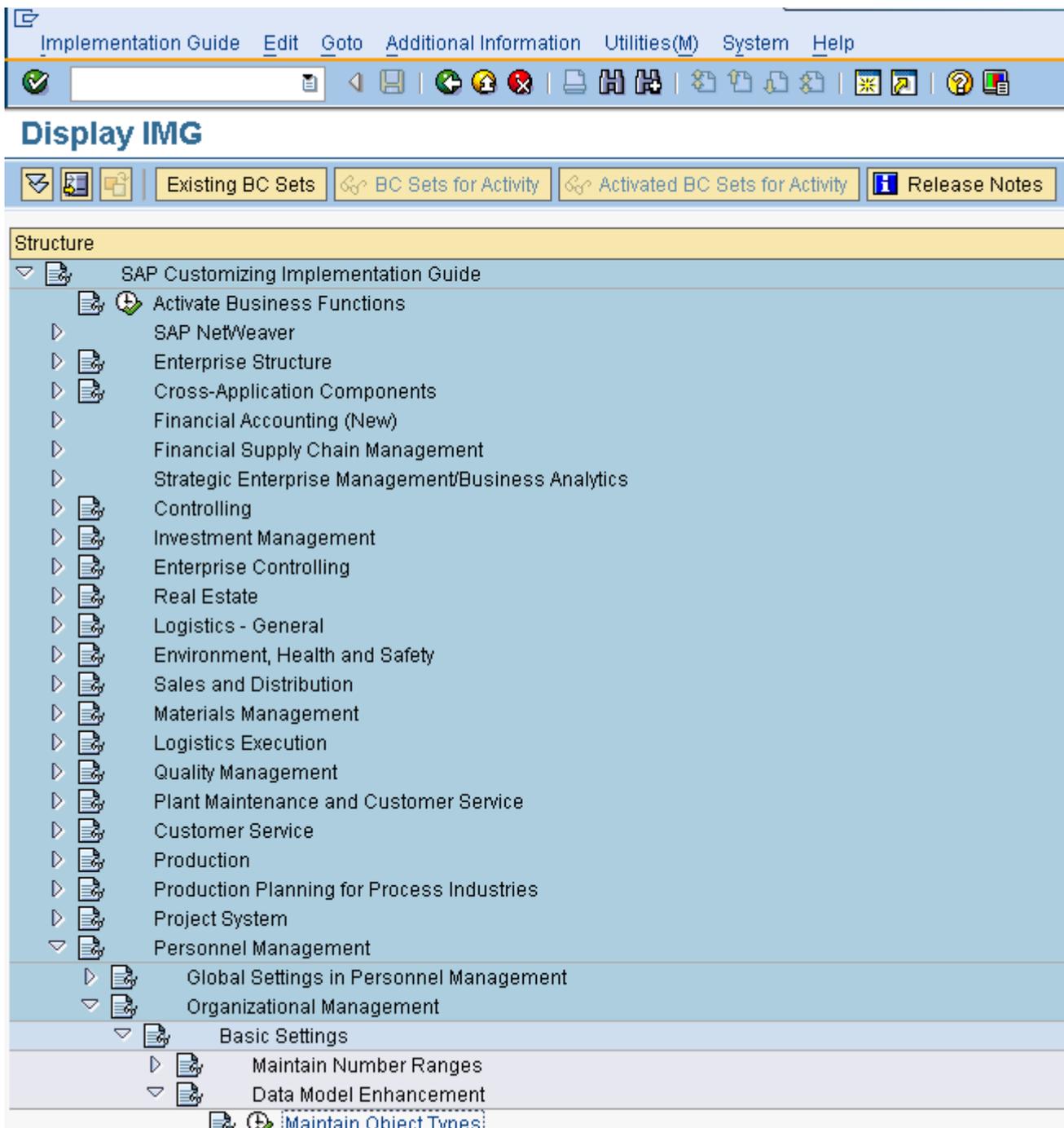
i will open several new articles to explain how to config OM module step by step...

OM configuration 1: How to create an object ?

Object is the most basic concept in the SAP HR system, like ground sill to a building. As we know, SAP HR system are divided to several sub-modules and each sub-modules have some objects frequently used. The main objects of Organizational Management module are O,S,C,K,T and so on. But sometimes we meet special requirement from customers and these objects are not enough to manage all the HR business. At this time, we must create a new object. Now I will show how to create and maintain an object step by step.

Step 1: Create a new object (code and text)

The IMG path to create an object as follow:



then, create an new object directly or copy from an standard object to new one in the view:

Table View Edit Goto Selection Utilities(M) System Help

Change View "Object Types": Overview

New Entries

O	Object type text	OrgObj type	Icon name
*			
A	Work Center	PDOTYPE_A	ICON_WORKPLACE
AC	Rule		ICON_ROLE
AG	Role		ICON_ACTIVITY_GROUP
AP	Applicant		ICON_EMPLOYEE
B	Development Plan		
BA	Appraisal	BUS7026	
BG	Criteria Group		
BK	Criterion		
BL	Development Plan Group		
BP	Business Partner		
BS	Appraisal Model	BUS7027	
BU	Budget Structure Element		ICON_BUDGET_STRUCTURE_ELEMENT
C	Job	PDOTYPE_C	ICON_JOB
CH			
CL			
CP	Central person		ICON_EMPLOYEE
CR			
CT			
D	Business event type	PDOTYPE_D	ICON_CONTENT_OBJECT
DC	Curriculum Type		ICON_CONTENT_OBJECT
DE			

Position... Entry 1 of 160

we click on **New Entries** button and enter the ID and text for new object. Generally, that is enough. we also can assign an icon and an object type to this new object.

Note: We can create two-digit object types in the range "01" to "99".

Question: What is object type used for ?

Step 2 : Create " Essential Relationships" for the just created object.

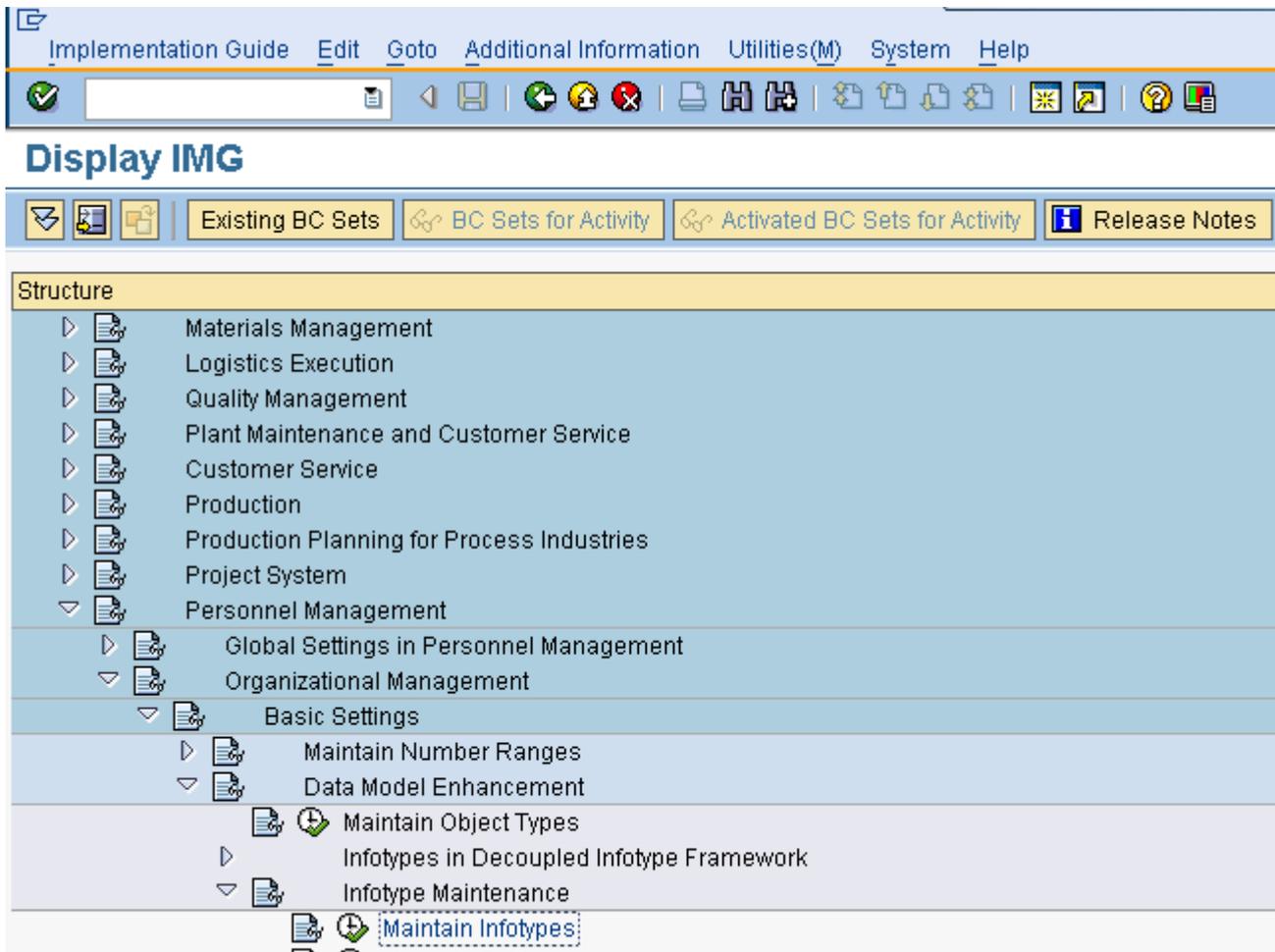
Dialog Structure

- Object Types
 - Essential Relationships
 - External Object Types
 - Structure Search
 - Object Type Key + Trans:

Step 3: Create "Structure Search" for it.

assign a basic evaluation path to this object.

Step 4: Assign infotypes to this new object



double click on the "Maintain infotypes" ,then:

Table View Edit Goto Selection Utilities(M) System Help

Change View "Infotypes": Overview

New Entries

Dialog Structure

- Infotypes
 - Time constraint
 - Infotypes per object type

Infotyp.	Infotype Name

1000	ject
1001	Relationships
1002	Description
1003	Department/Staff
1004	Character
1005	Planned Compensation
1006	Restrictions
1007	Vacancy
1008	Acct. Assignment Features
1009	Health Examinations
1010	Leadership Role
1011	Work Schedule
1013	Employee Group/Subgroup
1014	Obsolete
1015	Cost Planning
1016	Standard Profiles
1017	PD Profiles
1018	Cost Distribution
1019	Quota planning
1021	Prices
1023	Availability Indicators
1024	Capacity
1025	Deprec. Meter/Validity

Position... Entry 1 of 294

choose the infotype you want to add to the new object and double click on "Infotypes per object type". Then add the new object in the next view:

Table View Edit Goto Selection Utilities(M) System Help

Change View "Infotypes per object type": Overview

New Entries

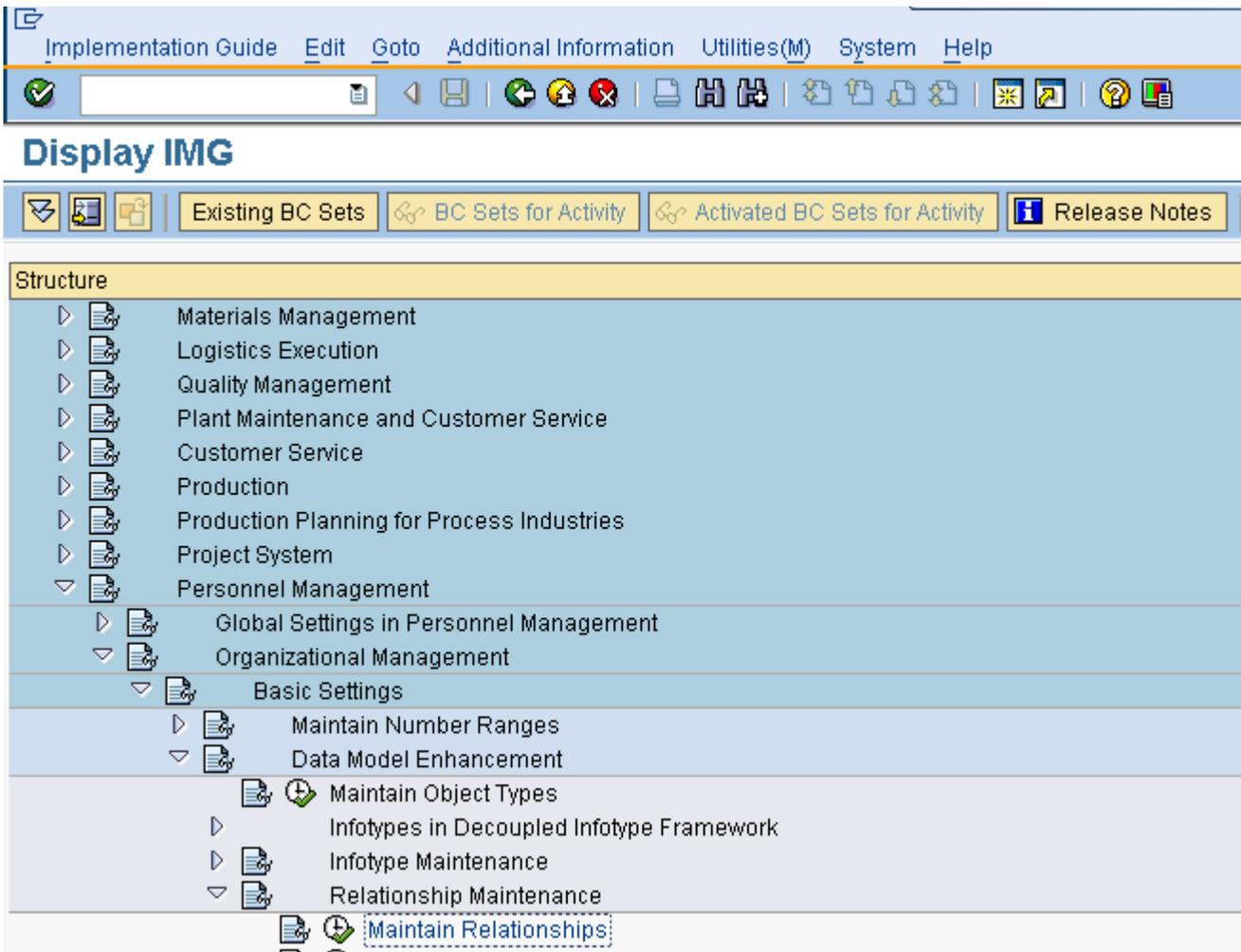
Dialog Structure

- Infotypes
 - Time constraint
 - Infotypes per object type

OT	Object type text	IT	Infotype Name	Alt.screen	No mainte
A	Work Center	1000	Object		<input type="checkbox"/>
B	Development Plan	1000	Object		<input checked="" type="checkbox"/>
BA	Appraisal	1000	Object		<input checked="" type="checkbox"/>
BG	Criteria Group	1000	Object		<input checked="" type="checkbox"/>
BK	Criterion	1000	Object		<input checked="" type="checkbox"/>
BL	Development Plan Group	1000	Object		<input type="checkbox"/>
BS	Appraisal Model	1000	Object		<input checked="" type="checkbox"/>
BU	Budget Structure Element	1000	Object		<input type="checkbox"/>
C	Job	1000	Object		<input type="checkbox"/>
CH		1000	Object		<input type="checkbox"/>
CL		1000	Object		<input type="checkbox"/>
CP	Central person	1000	Object		<input type="checkbox"/>
CR		1000	Object		<input type="checkbox"/>
CT		1000	Object		<input type="checkbox"/>
D	Business event type	1000	Object		<input type="checkbox"/>
DC	Curriculum Type	1000	Object		<input type="checkbox"/>
DE		1000	Object		<input type="checkbox"/>
E	Course	1000	Object		<input checked="" type="checkbox"/>
EC	Curriculum	1000	Object		<input checked="" type="checkbox"/>
EG	Exposure group	1000	Object		<input type="checkbox"/>
EK	Course Program	1000	Object		<input type="checkbox"/>
ET	E-Learning	1000	Object		<input checked="" type="checkbox"/>
F	Location	1000	Object		<input type="checkbox"/>
FN	Functional Area	1000	Object		<input type="checkbox"/>

Position... Entry 1 of 85

Step 5:Assign relationships between the new object and the another one.



double click on "Maintain Relationships"

Table View Edit Goto Selection Utilities(M) System Help

Change View "Links": Overview

New Entries

Dialog Structure

- Links
 - Relationship Charac
 - Additional Data on R
 - Allowed Relationship**
 - External Relationship
- Time constraints
- Relationship abbreviatio

Relat'ship	Relationship bottom up	Relationship top down
*		
001	Is a subdivision of	Is subdivided into
002	Reports (line) to	Is line supervisor of
003	Belongs to	Incorporates
004	Is subordinate to (disc.)	Is disc.supervisor of
005	Is subordinate to	Is supervisor of
006	Substitutes for	Is substituted by
007	Describes	Is described by
008	Holder	Holder
009	Successor	Successor
010	Substitute	Substitute
011	Cost center assignment	Cost center assignment
012	Manages...	Is managed by...
013	Staffing requirement	Staffing requirement
014	Cost distribution	Cost distribution
015	Is identical to	Is identical to
017	Is carried out by	Carries out
018	Previous org. assignment	Previous org. assignment
019	Planned org. change	Planned org. change
020	Is a specialization of	Is a generalization of
021	Is equipped with	Is contained in
022	Requires	Is required by
023	Reserves	Is reserved by
024	Takes place in	Is location of

Position... Entry 1 of 234

and choose the relationship you want to add to the new object, double click on "Allowd Relationship".

OM configuration 2: How to create an PD infotype ?

There are two kinds of infotype divided according to different objects. I call them PD infotype and PA infotype. PD infotype means personal development infotype which use for the objects except P(Person). PA infotype is personal management infotype which use for object P.

Now I will create a PD infotype 9502 step by step.

Step 1: create infotype structure

Use tcode: SE11 to create structure HRI9502 for field infotype (if table infotype, need to create structure PT9502 for table part)

Step 2: generate infotype after create structure

Use tcode: PPCI / PPCJ to generate infotype. Firstly, enter PD infotype number and text. See the following picture:

The screenshot shows the 'Create infotype' dialog box in SAP. It has a title bar 'Create infotype' and a toolbar with various icons. Below the toolbar, there are two main sections: 'Infotype' and 'Characteristics'. The 'Infotype' section contains three fields: 'Infotype' with the value '9502', 'Infotype Name' with the value 'Lump Sum', and 'Namespace' which is empty. The 'Characteristics' section contains four fields: 'Package' with the value '2004', 'Pers. Responsib.' with the value 'WP1012', 'Original Lang.' with the value 'EN' and 'English' next to it, and 'Original System' with the value 'H1D'.

If you want to create a table-structure PD infotype , remember to set " the table infotype ". Then click the button "Create".

Create infotype

Infotype

Infotype: 9502

Infotype Name: ~~Personnel Group~~

Namespace:

Infotype category

Field infotype Lang.-Dependent Infotype

Table infotype Country-Specific Infotype

Conversion of Table TLOG

Transparent table

After you generate PD infotype successfully, we can click on “Check” to see whether the related structures and tables are generated automatically.

Create infotype

Infotype 9502

- Dictionary
 - Structure HRI9502 exists
 - Structure P9502 exists
 - Table HRP9502 exists
 - HRP9502 created in the database
 - Database index HRP9502~1 created
- Module Pool
 - Module pool MP950200 exists
 - Include MP950220 exists
 - Include MP9502BI exists
- Screens
 - Screen 1000 exists
 - Screen 2000 exists
 - Screen 3000 exists
- User interface

Change Refresh Object Navigator Cancel

Step 3: set “time constraint” of this infotype and assign it to object

Implementation Guide Edit Goto Additional Information Utilities(M) System Help

Display IMG

Existing BC Sets BC Sets for Activity Activated BC Sets for Activity Release Notes Change Log Where Else Used

Structure

- Enterprise Structure
- Cross-Application Components
- Financial Accounting (New)
- Financial Supply Chain Management
- Strategic Enterprise Management/Business Analytics
- Controlling
- Investment Management
- Enterprise Controlling
- Real Estate
- Logistics - General
- Environment, Health and Safety
- Sales and Distribution
- Materials Management
- Logistics Execution
- Quality Management
- Plant Maintenance and Customer Service
- Customer Service
- Production
- Production Planning for Process Industries
- Project System
- Personnel Management
 - Global Settings in Personnel Management
 - Organizational Management
 - Basic Settings
 - Maintain Number Ranges
 - Data Model Enhancement
 - Maintain Object Types
 - Infotypes in Decoupled Infotype Framework
 - Infotype Maintenance
 - Maintain Infotypes

H1D (1) 200 fctn1ds0 INS

Table View Edit Goto Selection Utilities(M) System Help

Change View "Time constraint": Details

New Entries

Dialog Structure	Object type		Object
Infotypes	*		
Time constraint	1000		
Infotypes per object type			
	Subtype		
	Time constraint	1	
	Addl.condition		

Table View Edit Goto Selection Utilities(M) System Help SAP

Change View "Infotypes per object type": Overview

New Entries

Dialog Structure

- Infotypes
 - Time constraint
 - Infotypes per object type

OT	Object type text	IT	Infotype Name	Alt screen	No mainten.
A	Work Center	1000	Object		<input type="checkbox"/>
B	Development Plan	1000	Object		<input checked="" type="checkbox"/>
BA	Appraisal	1000	Object		<input checked="" type="checkbox"/>
B6	Criteria Group	1000	Object		<input checked="" type="checkbox"/>
BK	Criterion	1000	Object		<input checked="" type="checkbox"/>
BL	Development Plan Group	1000	Object		<input type="checkbox"/>
BS	Appraisal Model	1000	Object		<input checked="" type="checkbox"/>
BU	Budget Structure Element	1000	Object		<input type="checkbox"/>
C	Job	1000	Object		<input type="checkbox"/>
CH		1000	Object		<input type="checkbox"/>
CL		1000	Object		<input type="checkbox"/>
CP	Central person	1000	Object		<input type="checkbox"/>
CR		1000	Object		<input type="checkbox"/>
CT		1000	Object		<input type="checkbox"/>
D	Business event type	1000	Object		<input type="checkbox"/>
DC	Curriculum Type	1000	Object		<input type="checkbox"/>
DE		1000	Object		<input type="checkbox"/>
E	Course	1000	Object		<input checked="" type="checkbox"/>
EC	Curriculum	1000	Object		<input checked="" type="checkbox"/>
E6	Exposure group	1000	Object		<input type="checkbox"/>
EK	Course Program	1000	Object		<input type="checkbox"/>
ET	E-Learning	1000	Object		<input checked="" type="checkbox"/>
F	Location	1000	Object		<input type="checkbox"/>
FN	Functional Area	1000	Object		<input type="checkbox"/>

Position... Entry 1 of 85

You are already in the chosen subdialog H1D (1) 200 fcthr1 ds0 INS

Step 4:configure the attributes of new-created infotype

maintain the subtype/user-defined setting/country-specific of infotype



Display IMG

Existing BC Sets [BC Sets for Activity](#) [Activated BC Sets for Activity](#) **Release Notes** [Change Log](#) [Where Else Used](#)

Structure

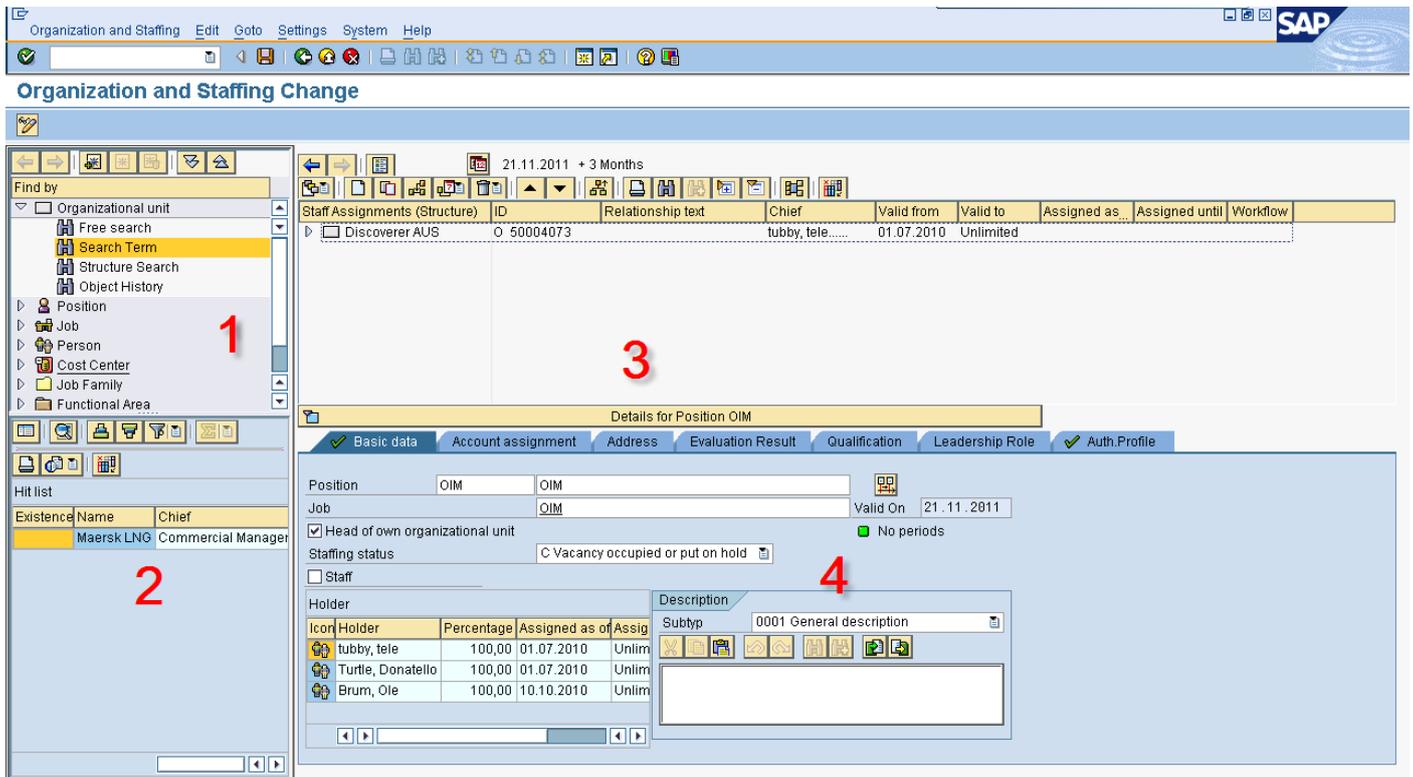
- ▶ Controlling
- ▶ Investment Management
- ▶ Enterprise Controlling
- ▶ Real Estate
- ▶ Logistics - General
- ▶ Environment, Health and Safety
- ▶ Sales and Distribution
- ▶ Materials Management
- ▶ Logistics Execution
- ▶ Quality Management
- ▶ Plant Maintenance and Customer Service
- ▶ Customer Service
- ▶ Production
- ▶ Production Planning for Process Industries
- ▶ Project System
- ▼ Personnel Management
 - ▶ Global Settings in Personnel Management
 - ▼ Organizational Management
 - ▼ Basic Settings
 - ▶ Maintain Number Ranges
 - ▼ Data Model Enhancement
 - Maintain Object Types
 - ▶ Infotypes in Decoupled Infotype Framework
 - ▼ Infotype Maintenance
 - Maintain Infotypes
 - Maintain Subtypes
 - Maintain User-Defined Settings for Infotypes
 - [Maintain Country-Specific Infotypes](#)

OM configuration 3: How to configure the hierarchy framework?

Now I show how to config hierarchy framework like the layout of tcode:PPOME step by step.

Step 1: introduce basic concept of hierarchy framework.

the hierarchy framework can be divided into four areas.see the picture as follow:



Section 1 :search area, allows the user to search for objects in the system.we should know how to add/delete objects we can search for here and how to config the different kinds of searches for different objects.

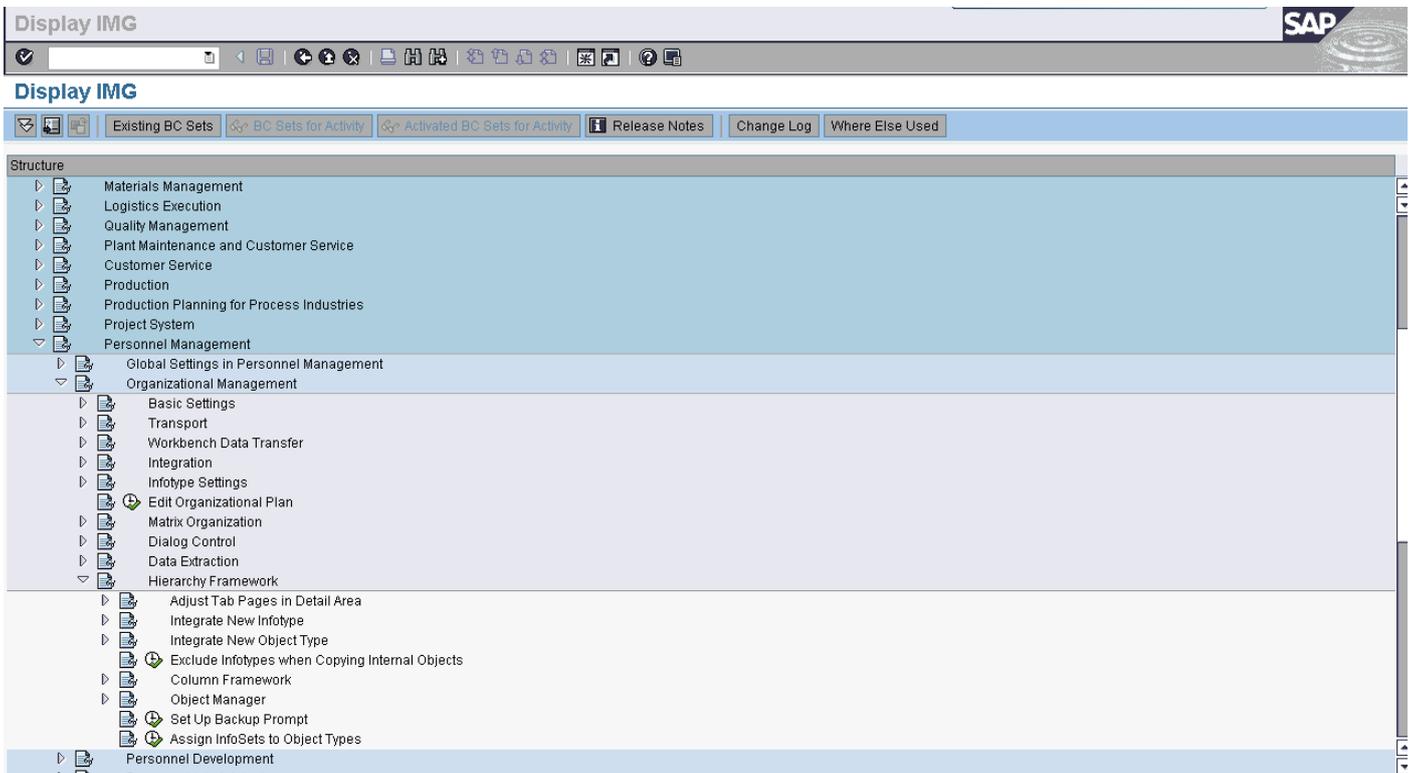
Section 2: display the results of the search. here wo should know how to config the layout of results and the reactions when the user double click on the results.

Section 3 : display the specific search result that is highlighted in Section 2. This Section is the most important and complex in TCODE:PPOME. we do much work here, including set up the buttons(copy/create/delete/delimit/change/display), maintain "go-to" path for specific objects.

Section 4: display the specific information(mainly infotypes) highlight in section 3. When the use double click on certain row in section 3, the details of the object are displayed in section 4. we can config what information can be integrated here. we should know how to add/delete specific infotypes or other information in section 4, design the layout of information, hard-code the specific logic.

Step 2 : how to configure the Section 1of hierarchy framework (mainly PPOME)

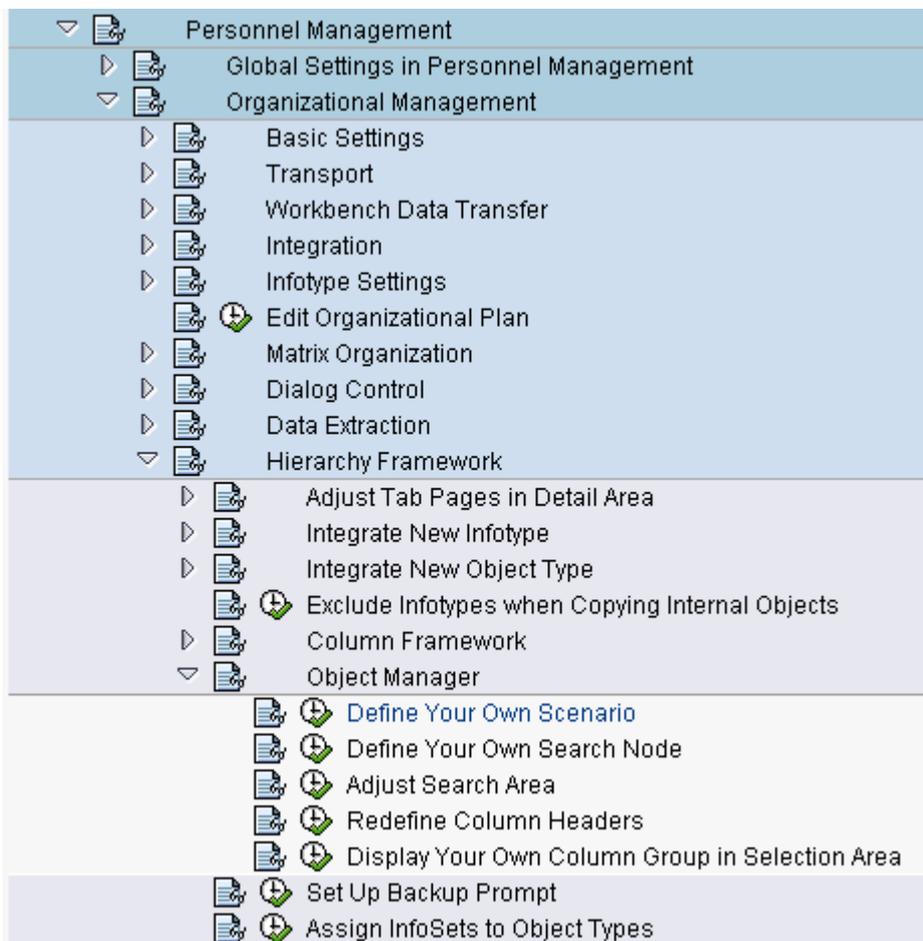
the IMG path about configuration of hierarchy framework is as follow:



step 2.1 : maintain object manager.

the standard object manager of TcodePPOME is OME000.we can copy the standard one and do some enhancements in the customized object manager.Generally, the name of customized object manager is ZOME000 or YOME000

Double click on the path " Define Your Own Scenario".



Firstly, we should define search node for each object which will be used in section 1.

We define node name and icon for specific object type.

Table View Edit Goto Selection Utilities(M) System Help

Change View "Definition of Search Node": Overview

New Entries

Dialog Structure

- Definition of Search Node:
 - Definition of Search Tool
 - Definition of Coherence Relationship
 - Scenario Definition (Object Manager)
 - Search Nodes
 - Search tool
 - Display Area (Column Group...)

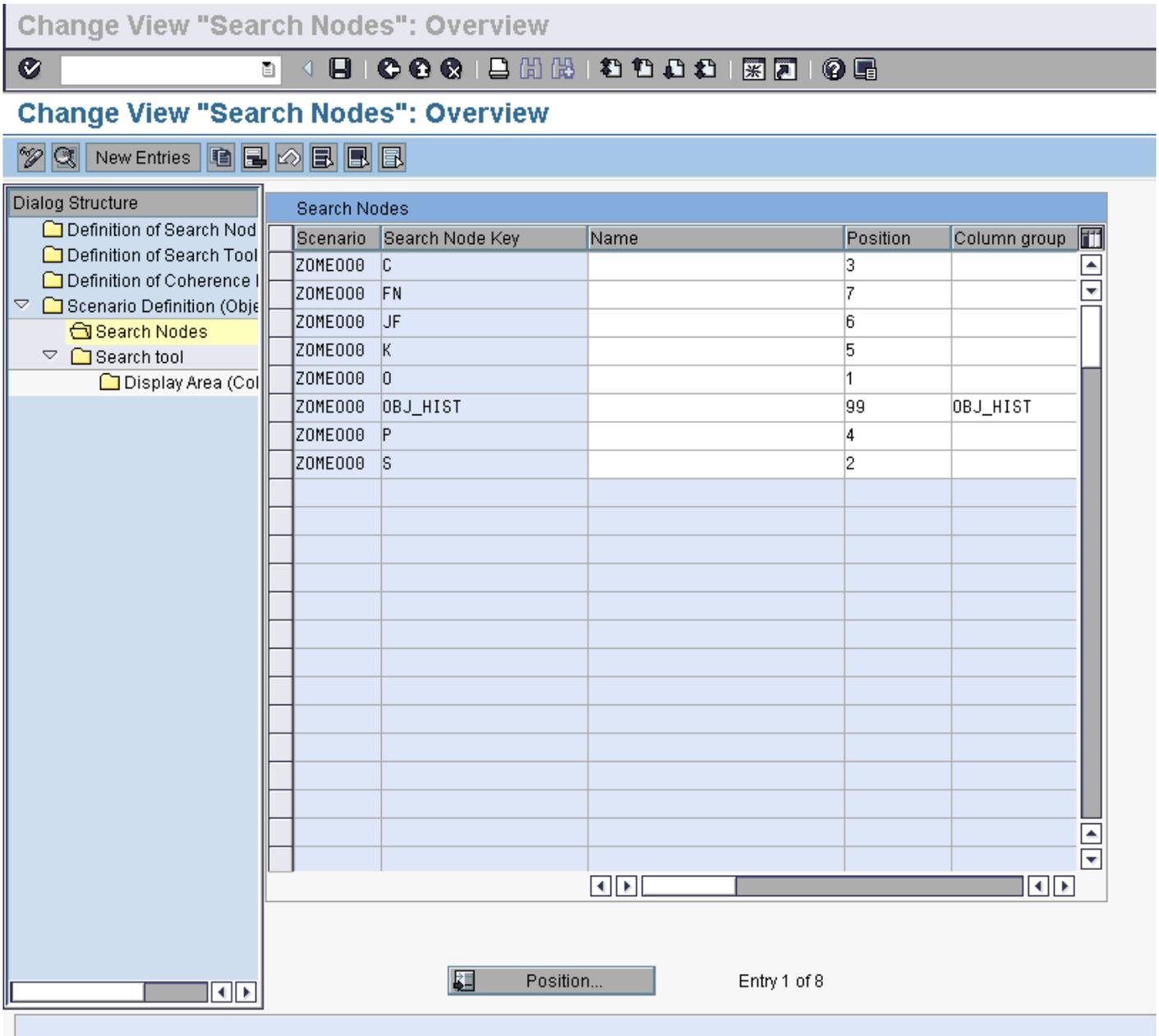
Definition of Search Node

Search Node Key	Name	Obj. type	Icon name
MS		MS	
MT		MT	
MV		MV	
M_H		H	ICON_EMPLOYEE
O		O	
OBJ_HIST	Object history		ICON_HISTORY
OD	Order		
OR		OR	
ORG_SCH		O	
P		P	
PBS_REMGMT		P	ICON_HISTORY
PC	Profit center		
PEXT		P	
PG	Business process group		ICON_TREE
PH	Profit center group		ICON_HIERARCHY_ACT
PJ	WBS element (project)		ICON_PS_WBS_ELEMEN
PR	Business process		ICON_BUSINAV_VALUE
PT		PT	
Q		Q	
QK		QK	
QP		QP	
R		R	

Position... Entry 115 of 172

You are already in the chosen subdialog

then enter into the view of T77FOBJMAN (Scenario Definition"Object Manager").



in this table, we can define which object types can be used for search and their relative position and column group. we assign search node to object manager here.

step 2.2 : maintain Search tool of specific object.

we can use different ways to search objects, such as structure search, free search and so on.

in the above picture, we double click on "Search tool". we can see the list of search tools for all the object in object manager: ZOME000.

we define which search tool can be used for specific objects and their position and whether the specific search tool is standard tool.

Table View Edit Goto Selection Utilities(M) System Help

Change View "Search tool": Overview

New Entries

Dialog Structure

- Definition of Search Node
- Definition of Search Tool
- Definition of Coherence I
- Scenario Definition (Objie
 - Search Nodes
 - Search tool
- Display Area (Col

Scenario	Search Node Key	Search tool	Interaction tool	Position	Standard search
ZOME000	C	CL_HR_LAST_USECL_HR_OM_IAT_099			<input type="checkbox"/>
ZOME000	C	CL_HR_OM_SEARCL_HR_OM_IAT_0			<input checked="" type="checkbox"/>
ZOME000	C	CL_HR_OM_SEAT_CL_HR_OM_IAT_02			<input type="checkbox"/>
ZOME000	C	CL_HR_ST_ADHOCCL_HR_OM_IAT_0			<input type="checkbox"/>
ZOME000	FN	CL_HR_OM_SEARCL_HR_OM_IAT_02			<input checked="" type="checkbox"/>
ZOME000	FN	CL_HR_ST_ADHOCCL_HR_OM_IAT_01			<input type="checkbox"/>
ZOME000	JF	CL_HR_OM_SEARCL_HR_OM_IAT_02			<input checked="" type="checkbox"/>
ZOME000	JF	CL_HR_ST_ADHOCCL_HR_OM_IAT_01			<input type="checkbox"/>
ZOME000	K	CL_HR_LAST_USECL_HR_OM_IAT_099			<input type="checkbox"/>
ZOME000	K	CL_HR_OM_SEARCL_HR_OM_IAT_01			<input checked="" type="checkbox"/>
ZOME000		CL_HR_LAST_USECL_HR_OM_IAT_099			<input type="checkbox"/>
ZOME000	O	CL_HR_OM_SEARCL_HR_OM_IAT_01			<input checked="" type="checkbox"/>
ZOME000	O	CL_HR_OM_SEAT_CL_HR_OM_IAT_02			<input type="checkbox"/>
ZOME000	O	CL_HR_ST_ADHOCCL_HR_OM_IAT_0			<input type="checkbox"/>
ZOME000	OBJ_HIST	CL_HR_LAST_USECL_HR_OM_IAT_0			<input checked="" type="checkbox"/>
ZOME000	P	CL_HR_LAST_USECL_HR_OM_IAT_099			<input type="checkbox"/>
ZOME000	P	CL_HR_OM_SEARCL_HR_OM_IAT_02			<input type="checkbox"/>
ZOME000	P	CL_HR_OM_SEAT_CL_HR_OM_IAT_03			<input type="checkbox"/>
ZOME000	P	CL_HR_SEARCHTCCL_HR_OM_IAT_01			<input checked="" type="checkbox"/>
ZOME000	P	CL_HR_ST_ADHOCCL_HR_OM_IAT_04			<input type="checkbox"/>
ZOME000	S	CL_HR_LAST_USECL_HR_OM_IAT_099			<input type="checkbox"/>
ZOME000	S	CL_HR_OM_SEARCL_HR_OM_IAT_01			<input checked="" type="checkbox"/>

Position... Entry 1 of 31

after this step, we finish the configuration of section 1. the next step is to configure the section 2.

Step 3: how to configure the Section 2 of hierarchy framework (mainly PPOME)

Section 2 is display area. we can see the result of search used by user in section 1.

Table View Edit Goto Selection Utilities(M) System Help

Change View "Search tool": Overview

New Entries

Dialog Structure

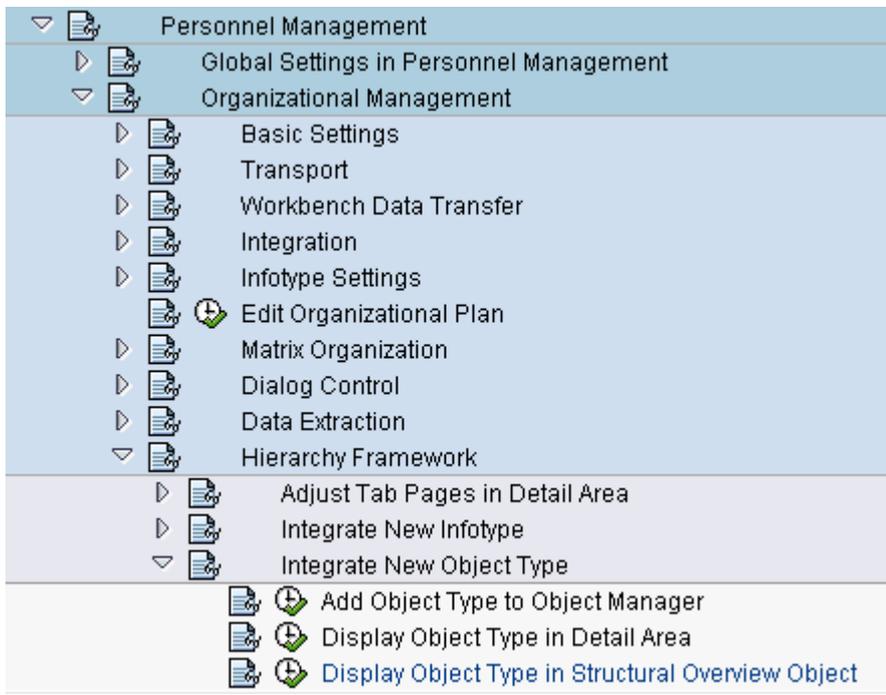
- Definition of Search Node
- Definition of Search Tool
- Definition of Coherence I
- Scenario Definition (Obj)
 - Search Nodes
 - Search tool
 - Display Area (Co

Scenario	Search Node Key	Search tool	Interaction tool	Position	Standard search
ZOME000	C	CL_HR_LAST_USECL_HR_OM_IAT_099			<input type="checkbox"/>
ZOME000	C	CL_HR_OM_SEARCHCL_HR_OM_IAT_0			<input checked="" type="checkbox"/>
ZOME000	C	CL_HR_OM_SEATCL_HR_OM_IAT_02			<input type="checkbox"/>
ZOME000	C	CL_HR_ST_ADHOCCL_HR_OM_IAT_0			<input type="checkbox"/>
ZOME000	FN	CL_HR_OM_SEARCHCL_HR_OM_IAT_02			<input checked="" type="checkbox"/>
ZOME000	FN	CL_HR_ST_ADHOCCL_HR_OM_IAT_01			<input type="checkbox"/>
ZOME000	JF	CL_HR_OM_SEARCHCL_HR_OM_IAT_02			<input checked="" type="checkbox"/>
ZOME000	JF	CL_HR_ST_ADHOCCL_HR_OM_IAT_01			<input type="checkbox"/>
ZOME000	K	CL_HR_LAST_USECL_HR_OM_IAT_099			<input type="checkbox"/>
ZOME000	K	CL_HR_OM_SEARCHCL_HR_OM_IAT_01			<input checked="" type="checkbox"/>
ZOME000	O	CL_HR_LAST_USECL_HR_OM_IAT_099			<input type="checkbox"/>
ZOME000	O	CL_HR_OM_SEARCHCL_HR_OM_IAT_01			<input checked="" type="checkbox"/>
ZOME000	O	CL_HR_OM_SEATCL_HR_OM_IAT_02			<input type="checkbox"/>
ZOME000	O	CL_HR_ST_ADHOCCL_HR_OM_IAT_0			<input type="checkbox"/>
ZOME000	OBJ_HIST	CL_HR_LAST_USECL_HR_OM_IAT_0			<input checked="" type="checkbox"/>
ZOME000	P	CL_HR_LAST_USECL_HR_OM_IAT_099			<input type="checkbox"/>
ZOME000	P	CL_HR_OM_SEARCHCL_HR_OM_IAT_02			<input type="checkbox"/>
ZOME000	P	CL_HR_OM_SEATCL_HR_OM_IAT_03			<input type="checkbox"/>
ZOME000	P	CL_HR_SEARCHCHTCL_HR_OM_IAT_01			<input checked="" type="checkbox"/>
ZOME000	P	CL_HR_ST_ADHOCCL_HR_OM_IAT_04			<input type="checkbox"/>
ZOME000	S	CL_HR_LAST_USECL_HR_OM_IAT_099			<input type="checkbox"/>
ZOME000	S	CL_HR_OM_SEARCHCL_HR_OM_IAT_01			<input checked="" type="checkbox"/>

Position... Entry 1 of 31

choose the line of search tool for specific object you want to configure and click on "Display area (Column Group)".

you can assign the column group to this search tool. The column group will decide the layout of result displayed in the section 2.



Click “Display object Type in Structural Overview Object” and choose one of line in the pop-up window(anyone is ok,they lead to the same view).

Table View Edit Goto Selection Utilities(M) System Help

Change View "Scenario Definition (Hierarchy Framework)": Overview

New Entries

Dialog Structure

- Tab Page Definition
- Definition Service
 - Attribute Service
 - Scenario Group Definition
 - Scenario Definition (Hierarchy Framework)
 - Attribute Scenario
 - Icon Legend
 - Tab Page in Scenario
 - Request Definition
 - Request in Scenario

Scenario Definition (Hierarchy Framework)

Scenario	Name
/ISDFPS/	Structures Workbench
BWRETAIL	Assignment Retail Objects/Cost Centers
CICOM	CIC: Organizational Plan
CMPADJ	Compensation Adjustment
CMPLTE	Exercising Employee Awards
CMPLTG	Granting Employee Awards
CMPTCS	Total Compensation Statement
EC_JVP	Project-Oriented Enterprise Structure
FOPCO	Management of Internal Controls
IMEOEP	Investment Program in EO
KEO_ALPC	Alternative Profit Center Structure
KEO_BPSH	Standard Hierarchy for Bus. Processes
KEO_CCSH	Standard Hierarchy for Cost Centers
KEO_CCSX	Std Hierarchy for CostCtrs (EO Active)
KEO_COAL	Enterprise Organization Overview
KEO_PCSH	Standard Hierarchy for Profit Centers
KEO_PCSX	Std hierarchy for PrCtrs (EO Active)
MGECI	Check List for Global Assignment
MGEGE	Compensation Overview
MGEOS	Offer for Global Assignment
OME0	Organization and Staffing
OME1	Organization and Staffing (Workflow)

Position... Entry 1 of 28

choose "Scenario Definition(Hierarchy Framework)" on the left of this view and then choose 'OME0' on the right.

double click "Attribute Scenario" on the left. here, we maintain the attribute of this Scenario, include related object manager, three transaction code (display, edit and create) and others.

Table View Edit Goto Selection Utilities(M) System Help

Change View "Attribute Scenario": Details

New Entries

Dialog Structure

- Tab Page Definition
- Definition Service
 - Attribute Service
 - Scenario Group Definition
 - Scenario Definition (Hierarchy Framework)
 - Attribute Scenario
 - Icon Legend
 - Tab Page in Scenario for each Object Type
 - Request Definition
 - Request in Scenario for each Object Type

Scenario OME0

Attribute Scenario

Scenario group	ORGMANAGEMENT
Object manager scenario	ZOME000
Transaction code: Display	PPOSE
Transaction code: Change	PPOME
Transaction code: Create	PPOCE
Enhanced authorization	OM_ADDITIONAL_AUTHORITY_CHECK
Time-dependent	I Time Interval
<input type="checkbox"/> No Undo/Redo	
Status object	OMST
Time object	STTI
Initialize framework	NF_GET_INIT_EVENT_WORKPLACE
Initialize object manager	NF_GET_INIT_EVENT_OBJMANAGER
Plan version	POP
Selection date	OM_DATE
Unsaved steps	10

in the field: Object manager scenario, we should fill the one used in step 1,2,3.

step 4.2 : define new goto path

in the same view, we choose "Definition Service" to define "go-to" path

Table View Edit Goto Selection Utilities(M) System Help

Change View "Definition Service": Overview

New Entries

Dialog Structure

- Tab Page Definition
- Definition Service
 - Scenario Group Definition
 - Scenario Definition (Hierarchy Framework)
 - Attribute Scenario
 - Icon Legend
 - Tab Page in Scenario for each Object Type
 - Request Definition
 - Request in Scenario for each Object Type

Definition Service

Interface object service	Object key
HRTMC JOB ARCHITECTURE (BOTTOM UP)	GOWD
HRTMC ORGANIZATIONAL ASSIGNMENT OF	GOWD
HRTMC ORGANIZATIONAL UNIT - SUCCESS	GOWD
JOBUSAGE	GOWD
MGE_CI_EE_SINGLE_DISPLAY	MGCI
MGE_OS_EE_PRINT	MGOF
MGE_OS_EE_SINGLE_DISPLAY	MGOF
MGE_OS_EXTERNAL_DISPLAY	MGOF
ONE LEVEL UP	GOWD
ONE LEVEL UP (KEO)	KEOC
ONE LEVEL UP (KEP)	KEOP
ONE LEVEL UP BUDGET	PBC1
ORG. STRUCTURE WITH BUDGET USAGE	PBC1
ORGANIZATIONAL ASSIGNMENTS	GOWD
ORGANIZATIONAL STRUCTURE	GOWD
ORGUNIT MANAGED BY POSITION	GOWD
ORGUNIT SECTION MANAGED BY POSITION	GOWD
OTHER_OBJECT (BUSINESS PROCESS GROUP)	G6RP
OTHER_OBJECT (BUSINESS PROCESS)	GPRZ
OTHER_OBJECT (COST CENTER GROUP)	KGRP
OTHER_OBJECT (COST CENTER)	KOST
OTHER_OBJECT (PROFIT CENTER GROUP)	PGRP

Position... Entry 85 of 139

generally we copy the standard service and change the text and attribute to meet our requirement

choose one service on the right of this view and click "Attribute Service". Then we can see the Evaluation path and technical path of this service.

Change View "Attribute Service": Details

Change View "Attribute Service": Details

New Entries

Dialog Structure

- Tab Page Definition
- Definition Service
 - Attribute Service
 - Scenario Group Definition
 - Scenario Definition (Hierarchy Framework)
 - Attribute Scenario
 - Icon Legend
 - Tab Page in Scenario for each Object Type
 - Request Definition
 - Request in Scenario for each Object Type

Interface object service: STAFF ASSIGNMENTS (STRUCTURE)

Object Type: 0

Attribute Service

Selection: M Multiple selection

Evaluation Path: SBESX

Technical depth: 2

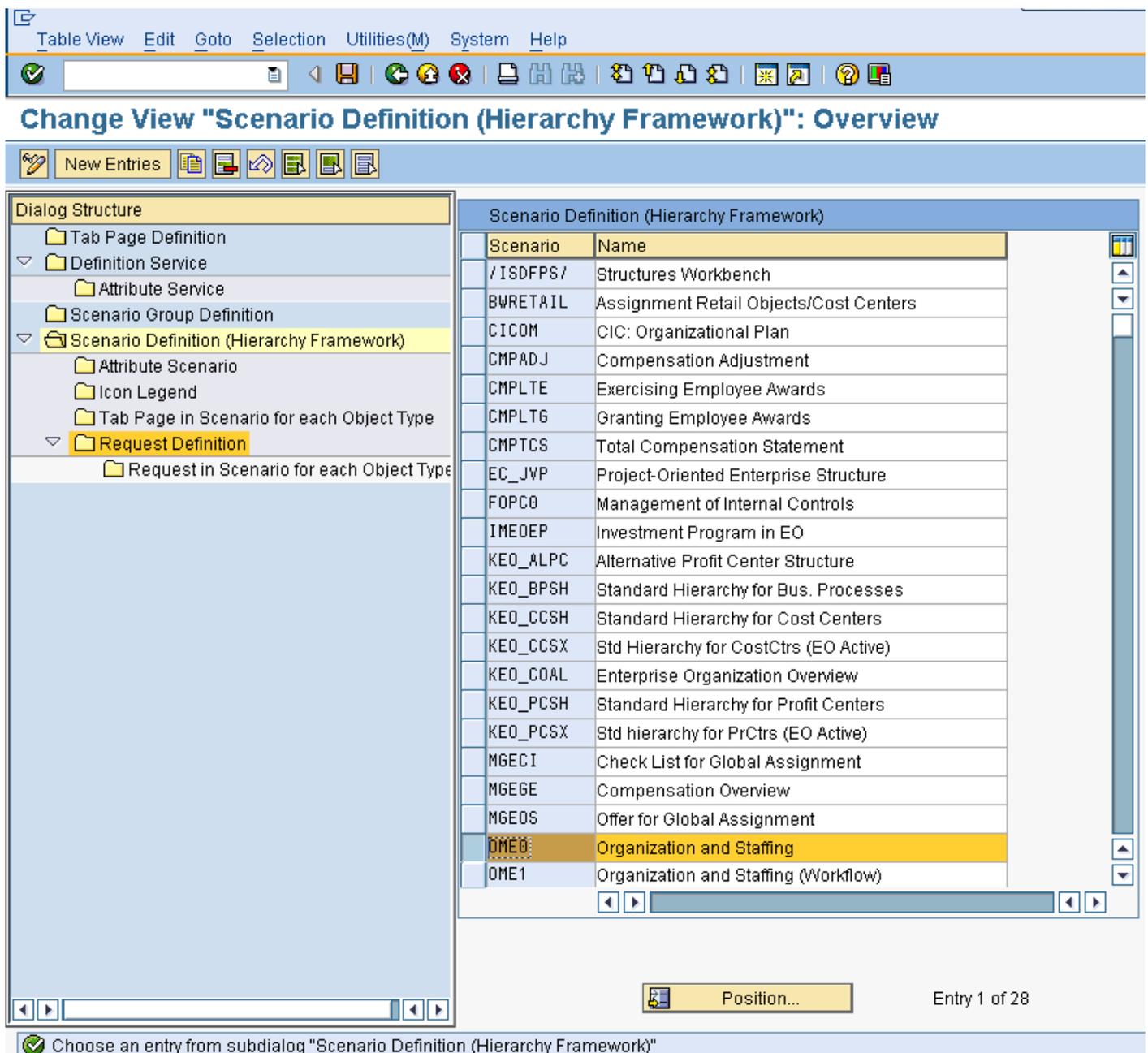
Column group: NF_GEN_OV_ORG

Header type:

the most important attribute is evaluation path. it decide how to search and display the objects in the overview area with the root object selected in the display area.

step 4.3 : assign goto path

Now we should assign the newly created “go-to” path to the Scenario:OME0.



choose “Scenario Definition(Hierarchy Framework)” on the left of this view and then choose ‘OME0” on the right again and click “Request Definition”. We will see all the hierarchy framework request of OME0. Each request is one “go-to” path.

we can create a new request here, copy request “SHOW STAFF ASSIGNMENTS (STRUCTURE) + DETAIL” and change the column “hierarchy framework request” , enter name. In the column “Service for 1st interface object”, we enter the service created in step 4.2 (very important) .

Now if user can see the customized “go-to” path in the overview area.

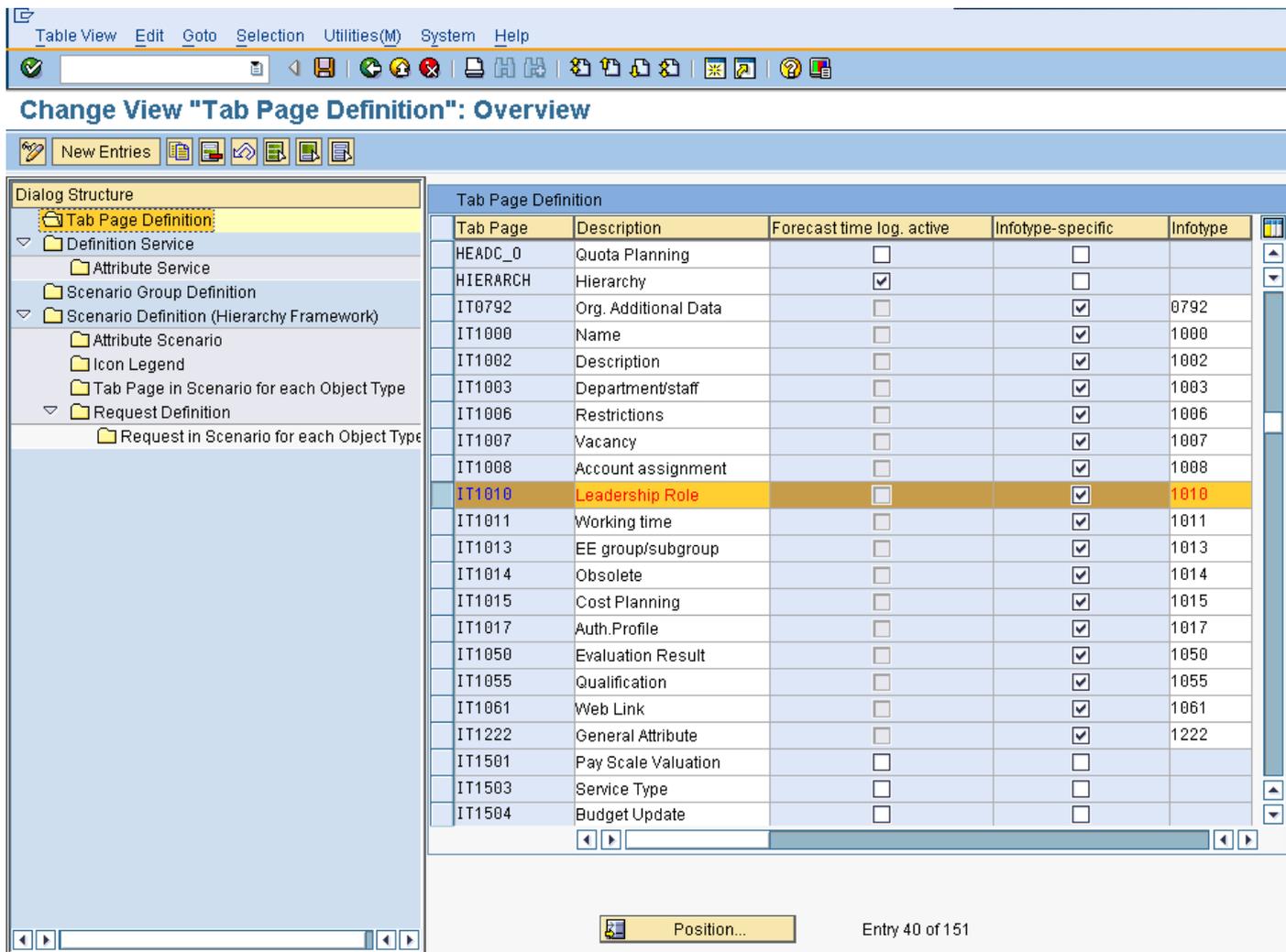
Step 5 : how to add new page for specific infotype in Section 4.

if user double click any object displayed in the overview area, the detail will be displayed in the Section 4 (detail area).

Now we config what information can be displayed in Section 4 and how to decide the sequences.

The most frequent requirement is to add a specific infotype of certain object to the detail area.

Firstly,we define a tab page.



double click on “Tab Page Definition” and you will see all the tab pages existed in the system and displayed for different object.

if the infotype we want to display in the detail area is IT9599. we create a new line in the right table

Tab Page	Description	Forecast time log. active	Infotype-specific	Infotype
IT9599	*****	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

column “Tab Page” : IT9599

column “Description” : the text of IT9599

set the indicator " infotype-sepcific"

enter the infotype number 9599 in the column "infotype".

we finish the creation of a tab page.

The next step is to assign the tab page to certain object in OME0.

choose the Scenario OME0 and double click "Tab Page in Scenario for each Object Type". You can see the tab page list of each object type for OME0.

Change View "Tab Page in Scenario for each Object Type": Overview

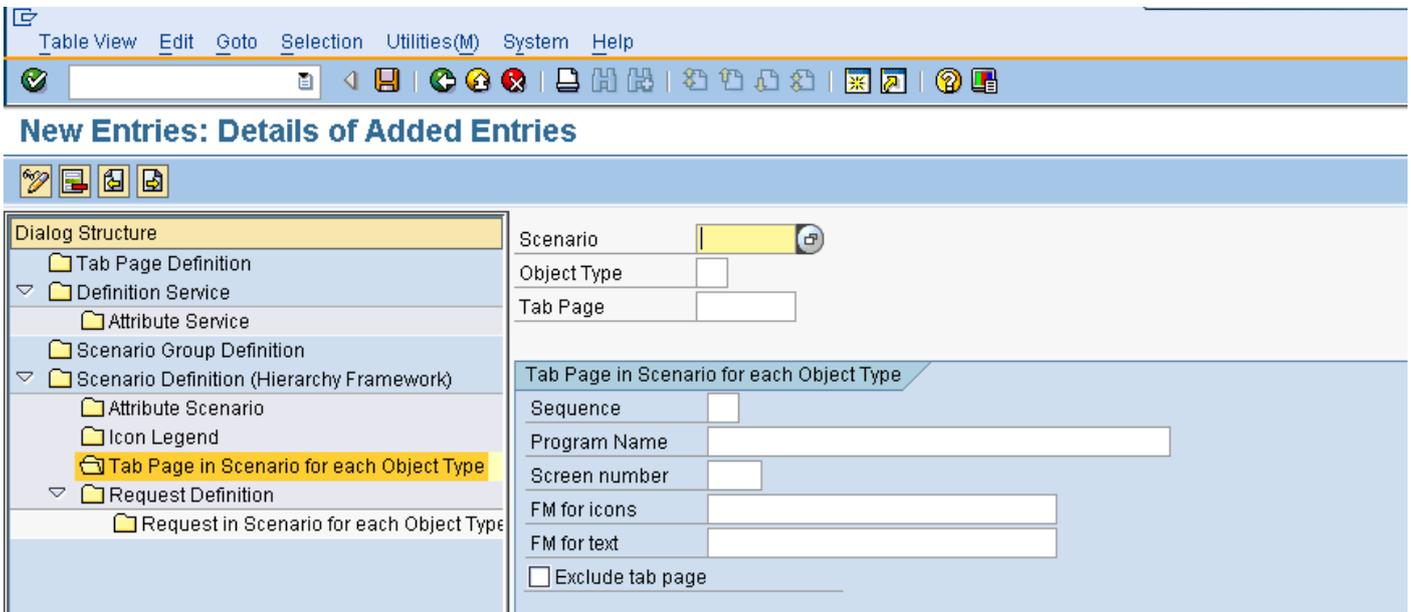
Dialog Structure

- Tab Page Definition
- Definition Service
 - Attribute Service
- Scenario Group Definition
- Scenario Definition (Hierarchy Framework)
 - Attribute Scenario
 - Icon Legend
 - Tab Page in Scenario for each Object Type**
 - Request Definition
 - Request in Scenario for each Object Type

Scenario	Obj. type	Tab Page	Sequence	ReportName
OME0	O	TASKS	15	SAPLRHOMDETAIL_BASE
OME0	O	WORKTIME	5	SAPLRHOMDETAIL_APPL
OME0	P	BASIS_P	1	SAPLRHOMDETAIL_APPL
OME0	P	QUALI_P	2	SAPLRHOMDETAIL_APPL
OME0	P	TASKS	3	SAPLRHOMDETAIL_BASE
OME0	S	ACCNTRG	2	SAPLRHOMDETAIL_APPL
OME0	S	ADDRESS	3	SAPLRHADDRESS
OME0	S	ANF_S	6	SAPLRHOMDETAIL_APPL
OME0	S	BASIS_S	1	SAPLRHOMDETAIL_BASE
OME0	S	COSTDIST	3	SAPLRHOMDETAIL_APPL
OME0	S	HIERARCH	15	SAPLRHOMDETAIL_BASE
OME0	S	IT1002	14	
OME0	S	IT1003	14	
OME0	S	IT1007	14	
OME0	S	IT1010	14	
OME0	S	IT1013	14	
OME0	S	IT1014	14	
OME0	S	IT1017	14	
OME0	S	IT1050	5	
OME0	S	IT1055	4	
OME0	S	IT1501	15	
OME0	S	IT1509KW	10	SAPLHRFPM_OM_ANNOT_TAB

Position... Entry 34 of 73

if we want to display the IT9599 for object type S, we create an new entry (actually copy is better).



Scenario: OME0

object type : S

Tab page: IT9599

Sequence: the larger the number you enter here, the more rearward this tab page displayed.

if you set the indicator “exclude tab page”, this tab page will be hid.

Now we have finished the four secions basic configuration of Hierarchy Framework.

In the next article, I will introduce the basic enhancement and development of Hierarchy Framework.

OM mainly used Tcode: PPOME Enhancement

I have introduced the configuration of PPOME. During the configuration, We have used some contents(for example,object key used in definition of service (see the below picture)) and functions(for example, double click on overview area,then detail area pop-up) already existed

The screenshot displays the SAP PPOME configuration interface. The main window is titled "Change View 'Definition Service': Overview". On the left, a "Dialog Structure" tree shows the "Definition Service" folder selected, with a tooltip that says "Display folder contents". The main area contains a table with two columns: "Interface object service" and "Object key". The table lists various services and their corresponding object keys. At the bottom, there is a "Position..." button and a status bar indicating "Entry 85 of 139".

Interface object service	Object key
HRTMC JOB ARCHITECTURE (BOTTOM UP)	GOWD
HRTMC ORGANIZATIONAL ASSIGNMENT OF	GOWD
HRTMC ORGANIZATIONAL UNIT - SUCCESS	GOWD
JOBUSAGE	GOWD
MGE_CI_EE_SINGLE_DISPLAY	MGCI
MGE_OS_EE_PRINT	MGOF
MGE_OS_EE_SINGLE_DISPLAY	MGOF
MGE_OS_EXTERNAL_DISPLAY	MGOF
ONE LEVEL UP	GOWD
ONE LEVEL UP (KEO)	KEOC
ONE LEVEL UP (KEP)	KEOP
ONE LEVEL UP BUDGET	PBC1
ORG. STRUCTURE WITH BUDGET USAGE	PBC1
ORGANIZATIONAL ASSIGNMENTS	GOWD
ORGANIZATIONAL STRUCTURE	GOWD
ORGUNIT MANAGED BY POSITION	GOWD
ORGUNIT SECTION MANAGED BY POSITION	GOWD
OTHER_OBJECT (BUSINESS PROCESS GROU	G6RP
OTHER_OBJECT (BUSINESS PROCESS)	GPRZ
OTHER_OBJECT (COST CENTER GROUP)	KGRP
OTHER_OBJECT (COST CENTER)	KOST
OTHER_OBJECT (PROFIT CENTER GROUP)	P6RP

Now we dicuss how to enhance those standard fucitons of PPOME

Actually, there is a basic view named T77OMIFGT to record how the PPOME work.

Table View Edit Goto Selection Utilities(M) System Help

Display View "Definition of Interface Object": Overview

Dialog Structure

- Definition of Interface Ob
 - Interface Detail Area
 - Interface Overview Ob
 - Interface Generic Ove
 - Interface Status Object
 - Interface Period Object
 - Times in OM Buffer

Definition of Interface Object

Object key	Display area	No detail
CMAB	O Overview area	<input checked="" type="checkbox"/>
CMAG	O Overview area	<input checked="" type="checkbox"/>
CMAI	D Detail area	<input type="checkbox"/>
CMAJ	O Overview area	<input type="checkbox"/>
CMAM	O Overview area	<input checked="" type="checkbox"/>
CMAR	O Overview area	<input checked="" type="checkbox"/>
CMAW	O Overview area	<input checked="" type="checkbox"/>
CMCP	D Detail area	<input type="checkbox"/>
CMIN	O Overview area	<input checked="" type="checkbox"/>
CMLE	O Overview area	<input type="checkbox"/>
CMLG	O Overview area	<input type="checkbox"/>
CMLI	D Detail area	<input type="checkbox"/>
CMLM	O Overview area	<input checked="" type="checkbox"/>
CMLR	O Overview area	<input checked="" type="checkbox"/>
CMTF	O Overview area	<input checked="" type="checkbox"/>
COAR	D Detail area	<input type="checkbox"/>
COCD	D Detail area	<input type="checkbox"/>
DETA	D Detail area	<input type="checkbox"/>
DUMY	D Detail area	<input type="checkbox"/>
GGRP	D Detail area	<input type="checkbox"/>
GOND	O Overview area	<input checked="" type="checkbox"/>
GOWD	O Overview area	<input type="checkbox"/>

Position... Entry 1 of 43

First of all, we can define a new object key here and then we assign a certain function module to excute each function (create display delete change and so on) below the object key.

So the object key is very important. It decide almost everything of a overview or detail area.

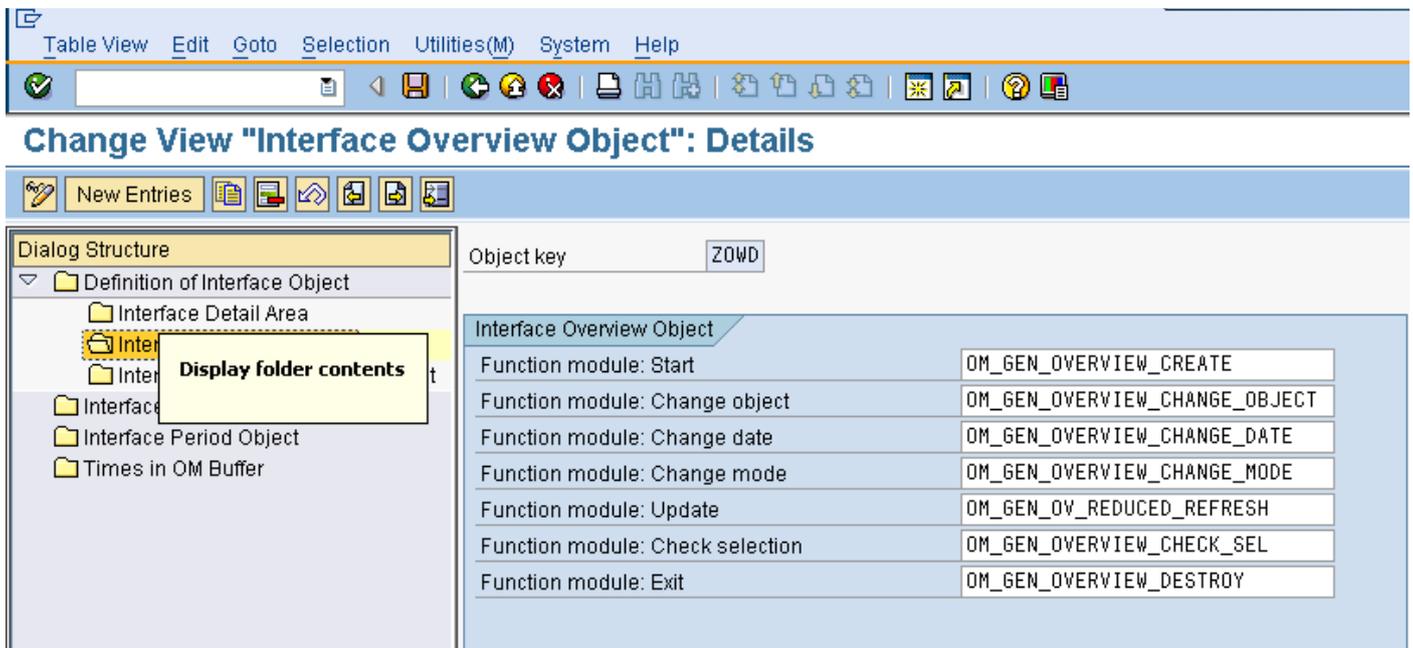
step1: define a new object key

Create a new line in view :T77OMIFGT directly. if you want the new object key used in overview area, then choose "O" in the second column,else choose "D" instead.

if you choose "O" for this newly created object key.,It will be used in overview area. Then you can decide wether detail area is available for this object key by set the indicator "No detail".

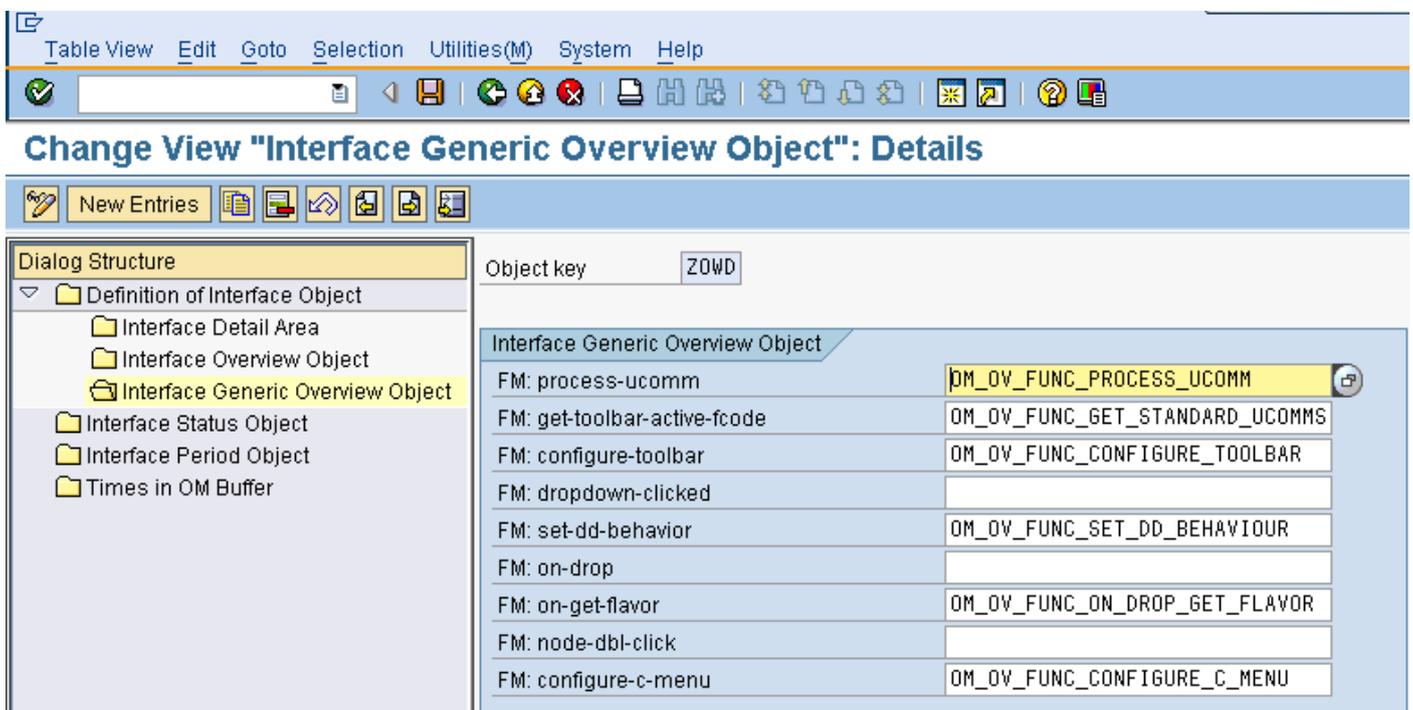
step 2: assign function modules for each order

we click on a certain object key and choose "Interface Overview Object" if this object key is used in overview area (if it is used in detail area, then choose "Interface Detail Area").



We can see each action follow a function module. we can change the content of function module or even replace the function module to meet our special requirement.

there is another layout to config each order.



for example, I don't want the detail area displayed when I double click on a certain object in overview area. So I clear the field "FM: node-dbl-click"... then, I double click on an object, nothing happen..