

Step by Step Procedure to Copy BW Workbook from One user's Favorites to Other



Applies to:

SAP-BI-Business Explorer-BW workbooks/queries available in both BW 3.5 /7.0 version.

For more information visit [Business Intelligence Homepage](#)

Summary

This article describes step by step method to copy workbook/queries saved in Favorites of one user to other user with the help of a Function Module.

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Author Bio

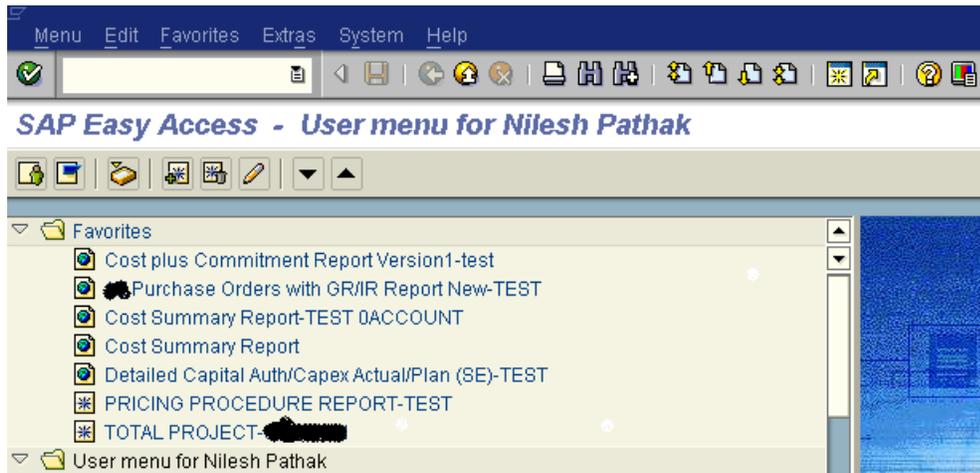
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Introduction

Business Explorer is the tool available in SAP BW for reporting & it also provides us option to save more frequently used queries/workbook under our Favorites Folder. This is very useful from end user prospective who generally avoid looking into all workbooks from BW Role & hence after running the workbook from the BW role they would most probably add their own filters & drill down as per their needs and save it in their favorites. After saving the workbooks in Favorites they would rarely come back to BW Role. The users can manage Favorites folder themselves & they can make changes to the Report saved in Favorites as per their own need. The user can even add new folder in the Favorites & after saving the reports in the favorites it also appears in user Menu(SAP Easy Access) like shown below –



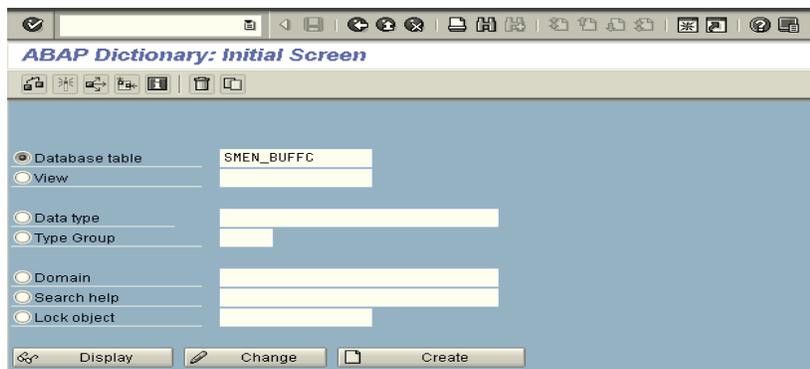
However the original workbook present in the BW role is not impacted due to this as the modified workbook saved in Favorites is new workbook. In certain cases it is very handy if the BW developers can add certain workbooks to User Favorites automatically as per their needs. This is possible with the help of function module FAVOS_EVENT_ADD_TO_USER_SHELF.

The advantages of saving Workbook to the Favorites Folder are as-

1. It saves lot of time for end users where they can access workbooks directly from Favorites folder instead of going to BW Roles.
2. Users can modify workbooks saved in Favorites as per their requirement without impacting the original Workbook saved in roles.

Steps to copy Workbook saved in Favorites of one user to other -

Initially we should go to table SMEN_BUFFC in transaction SE11.



Click on display button & we can see the key fields of this table –

Dictionary: Display Table

Transp. Table: SMEN_BUFFC Active
 Short Description: Table for Storing Favorites

Attributes | Delivery and Maintenance | Fields | Entry help/check | Currency/Quantity Fields

Field	Key	Initi	Data element	Data Ty...	Length	Decim...	Short Description
MANDT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SYMANDT	CLNT	3	0	Client ID of Current User
UNAME	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SYUNAME	CHAR	12	0	User Name
REPORTTYPE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	REPORTTYPE	CHAR	2	0	Report type
REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EXTDREPORT	CHAR	48	0	Extended Program Name
PARENT_ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MENU NUM 5	NUMC	5	0	Counter for menu ID
OBJECT_ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MENU NUM 5	NUMC	5	0	Counter for menu ID
MENU_LEVEL	<input type="checkbox"/>	<input type="checkbox"/>	MENU NUM 2	NUMC	2	0	Level in the menu
BOOK_INFO	<input type="checkbox"/>	<input type="checkbox"/>	COLOR_INFO	CHAR	12	0	Structures: name of the structure
ATTRIBUTES	<input type="checkbox"/>	<input type="checkbox"/>	MENU ATTR	CHAR	10	0	Attributes of the menu
SORT_ORDER	<input type="checkbox"/>	<input type="checkbox"/>	MENU NUM 5	NUMC	5	0	Counter for menu ID
X_POS	<input type="checkbox"/>	<input type="checkbox"/>	MENU NUM 5	NUMC	5	0	Counter for menu ID
Y_POS	<input type="checkbox"/>	<input type="checkbox"/>	MENU NUM 5	NUMC	5	0	Counter for menu ID
SAP_GUID	<input type="checkbox"/>	<input type="checkbox"/>	HIER GUID	CHAR	32	0	Unique ID - 32 characters
TEXT	<input type="checkbox"/>	<input type="checkbox"/>	CHAR100SM	CHAR	100	0	Character 100
TARGET_SYS	<input type="checkbox"/>	<input type="checkbox"/>	RFCDEST	CHAR	32	0	Logical Destination (Specified in Function Call)

Press the contents icon (Ctrl+Shift+F10) as shown above. Then we get selection screen of this table & here we just need to enter user id & press F8 to see Favorites Reports/workbook saved under that user.

Data Browser: Table SMEN_BUFFC: Selection Screen

Number of Entries

User Name: [redacted] to []

ReportTyp: [] to []

Extended Name: [] to []

ID: [] to []

ID: [] to []

Level: [] to []

Color: [] to []

Attributes: [] to []

ID: [] to []

ID: [] to []

ID: [] to []

Unique ID: [] to []

Character 100: [] to []

Destination: [] to []

Width of Output List: 250

Maximum No. of Hits: 200

After executing we get below screen with details of Favorites report and workbook for one user

Client User	Typ	Extended Name	ID	ID	Level	Color	Attributes	ID	ID	Unique ID	Character 100	RFC Destination
	OT	SAP_BW_QUERY	1	7	1	Y00			50	4IRTX0BE71FWJJG2CXU4PE4LM	Detailed Capital Auth/Capex Actual/Plan (SE)-TEST	
	OT	SAP_BW_QUERY	1	8	1	Y00			40	4JPTN51D2CK9ZQY6JKA7H9D56	Cost Summary Report	
	OT	SAP_BW_QUERY	1	9	1	Y00			30	4JTH5JW75L41B5RUE1FZLKKWA	Cost Summary Report-TEST 0ACCOUNT	
	OT	SAP_BW_QUERY	1	10	1	Y00			20	4K45LA0S94ZNK3VPUP90SBAVD	Purchase Orders with GRIR Report New-TEST	
	OT	SAP_BW_QUERY	1	11	1	Y00			10	4KMBQ30RR045FP2R02ZWH51HM	Cost plus Commitment Report Version1-test	
	TR	RRMX	1	2	1	B00			70	4IH8NZVI65LZGINNSBPUOM956	TOTAL PROJECT-	
	TR	RRMX	1	4	1	B00			60	4IKGN893VRH1M7R5FZKZGP9E2	PRICING PROCEDURE REPORT-TEST	

The last two rows of above table are the workbook that we will copy to some other user with the help of Function Module –FAVOS_EVENT_ADD_TO_USER_SHELF.

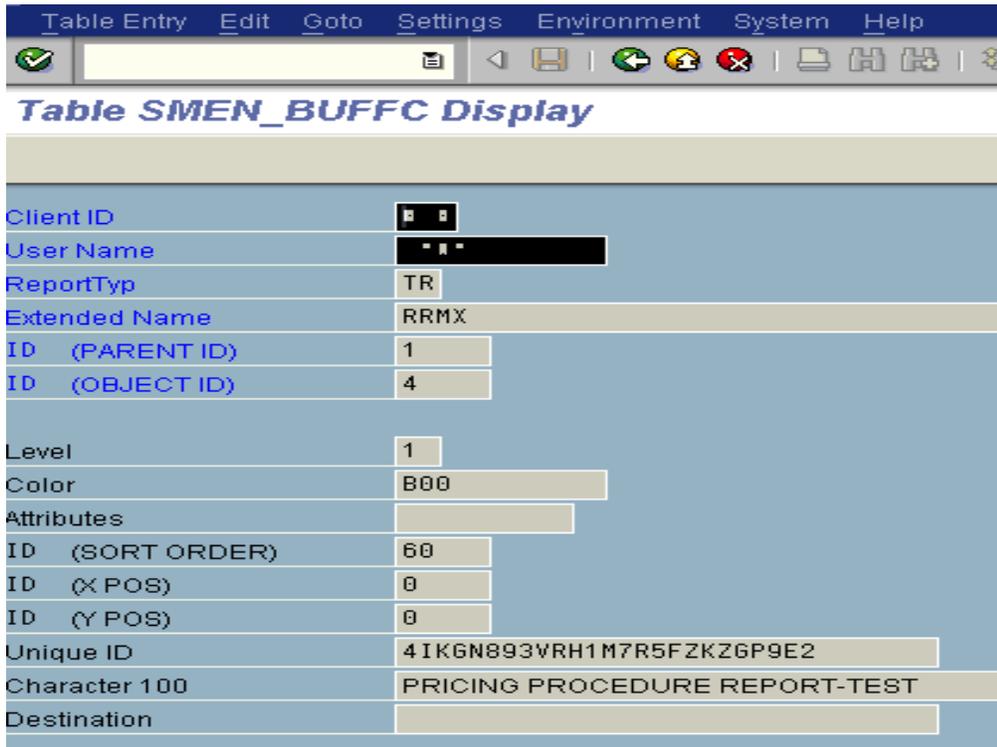
The below screen shows SMEN_BUFFC table entries for other user where we intend to copy two workbooks. Here there are total of 8 entries before copying the workbooks to this user.

Client User	Typ	Extended Name	ID	ID	Level	Color	Attributes	ID	ID	Unique ID	Character 100
013	OT	SAP_BW_QUERY	1	2	1	Y00			80	4HEKDEGC3QM3C0BR095UVAAY	Cost Centre Trend Analysis - FSL_test
013	OT	SAP_BW_QUERY	1	3	1	Y00			70	4HSDLNKPORLR9HT84M456JOP5	test
013	OT	SAP_BW_QUERY	1	4	1	Y00			60	4HSRSMFMTLSHOFUG7H9HBEAJ	test1
013	OT	SAP_BW_QUERY	1	5	1	Y00			50	4IGB6Z0JG8HN4K31809TZA7U	Cost Summary Report_TEST
013	OT	SAP_BW_QUERY	1	6	1	Y00			40	4K3HAM3HMRG90B00ZDRYONE	HCP Payment Report test
013	OT	SAP_BW_QUERY	1	7	1	Y00			30	4K3TGAW7BJEYQCKD3H85K8FE	test query monthly sales and margin - enigma
013	OT	SAP_BW_QUERY	1	8	1	Y00			20	4K3HUN7JRE920RE1HW7R8MSATM	test query monthly sales and margin - enigma 1
013	OT	SAP_BW_QUERY	1	9	1	Y00			10	4KY3F87YQZRN7NA7R9P1AJT6	Cost Summary report test

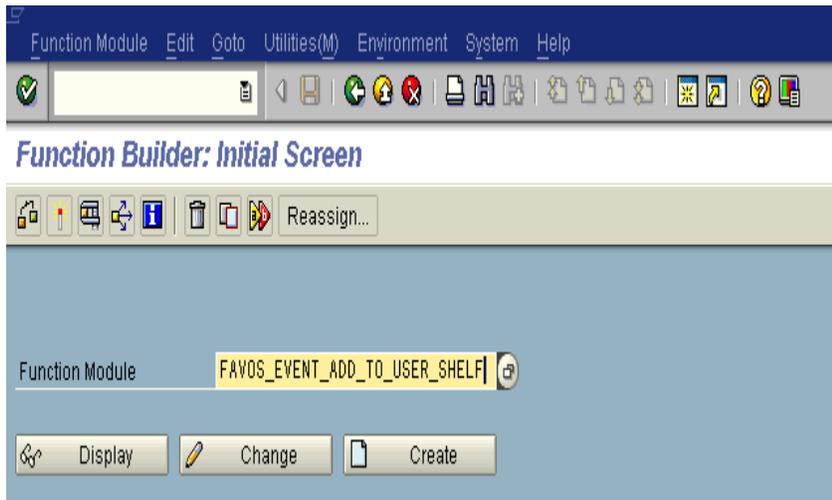
The below screenshot shows details of 1st workbook-“Total Project” that we want to copy to other user-

Client ID	User Name	ReportType	Extended Name	ID (PARENT ID)	ID (OBJECT ID)	Level	Color	Attributes	ID (SORT ORDER)	ID (X POS)	ID (Y POS)	Unique ID	Character 100	Destination
		TR	RRMX	1	2	1	B00		70	0	0	4IH8NZVI65LZGINNSBPUOM956	TOTAL PROJECT-	

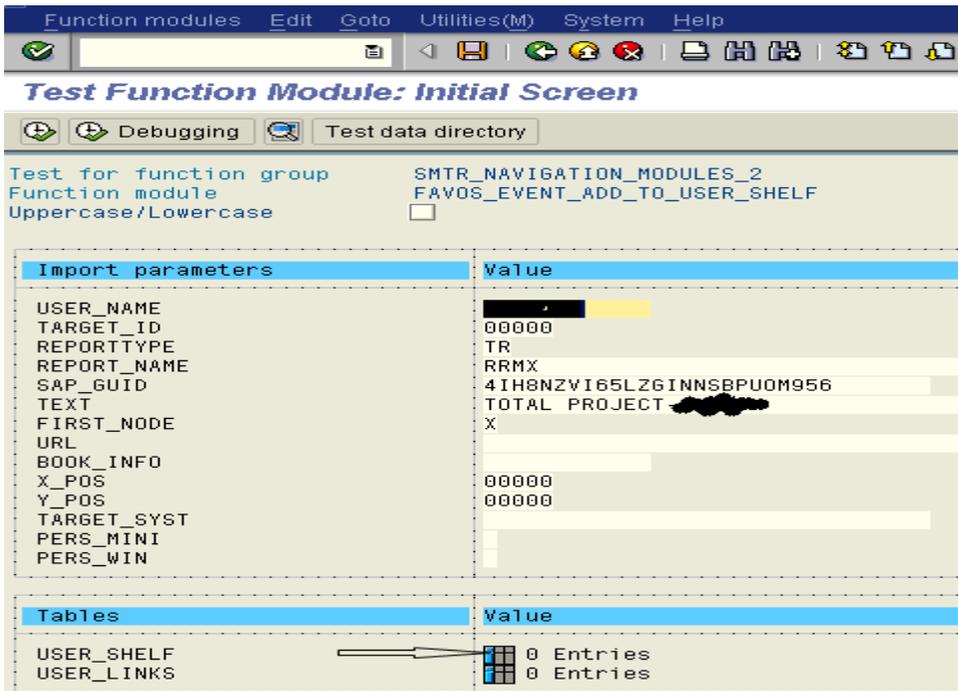
The below screenshot shows details of 2nd workbook-“Pricing Procedure Report Test” that we want to copy to other user-



The below screen shows SE37 transaction screen to execute Function Module FAVOS_EVENT_ADD_TO_USER_SHELF.



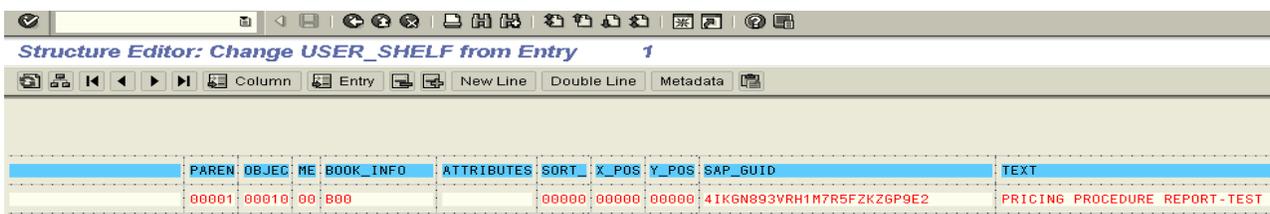
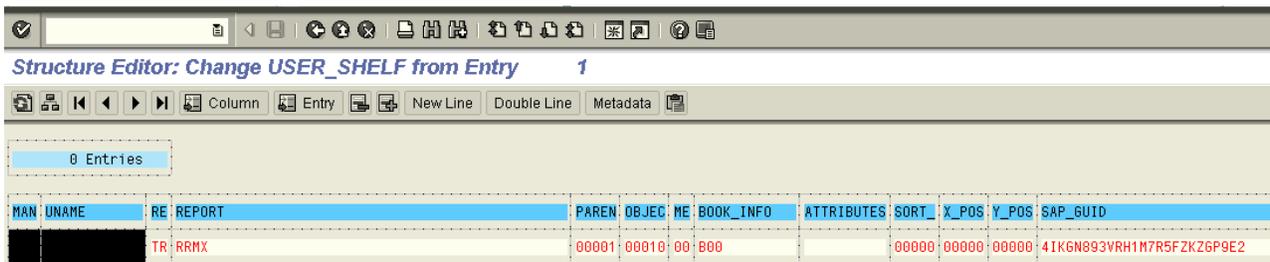
After pressing execute button we get below selection screen –



Here we should enter the details of the workbook from the table SMEN_BUFFC that we want to copy. The parameters should be entered as-

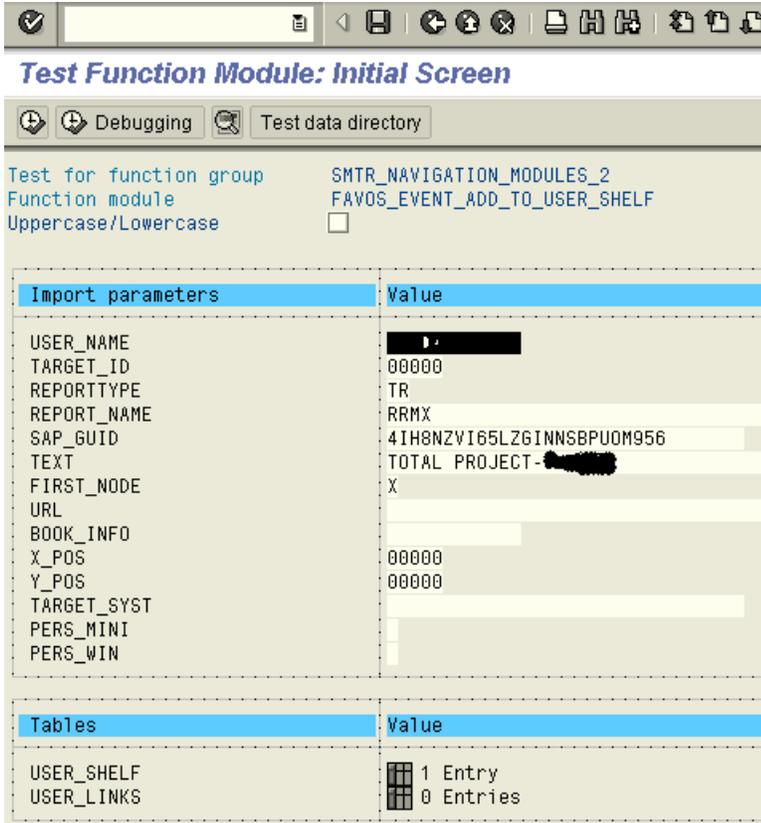
- 1) USER_NAME - Enter the user Id of the person where we want to copy Favorites Report.
- 2) TARGET ID - leave as it is
- 3) REPORTTYPE - As entered in table SMEN_BUFFC
- 4) SAP_GUID - As entered in table SMEN_BUFFC
- 5) TEXT - As entered in table SMEN_BUFFC
- 6) BOOK_INFO - The corresponding value for it in table SMEN_BUFFC is color field.
- 7) X_POS, Y_POS - As entered in table SMEN_BUFFC

As here we need to copy two Workbooks to favorites so to add another workbook click on the tab as shown above for table USER_SHELF & we will get below screen-

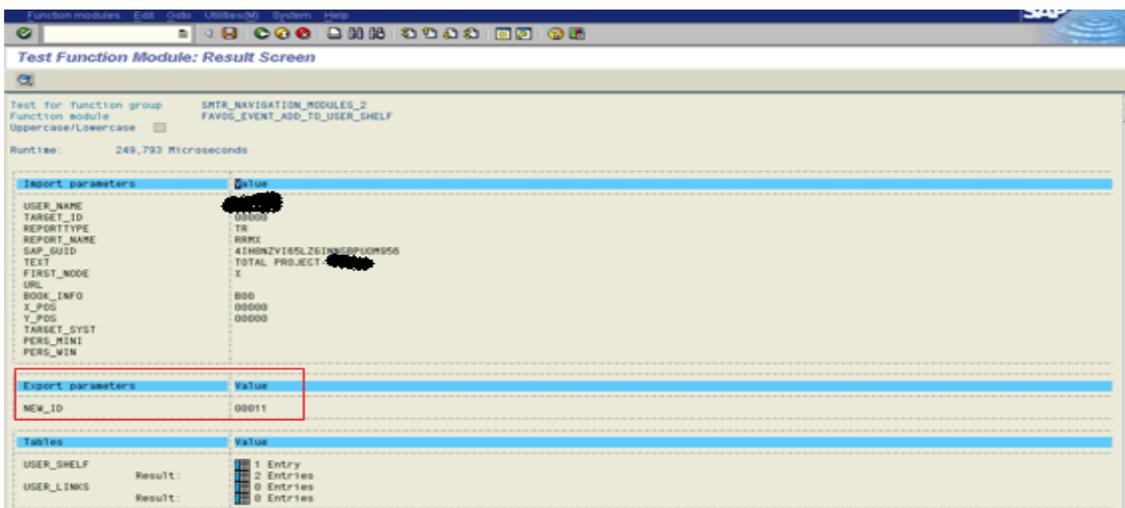


We can enter similarly corresponding values from the table SMEN_BUFFC but care should be taken that Parent ID(paren) is always 1 & OBJECT id is unique (ie-should not be same as already present in table for the user to which we want to copy Workbook as we need to maintain unique combination for the key fields of the table SMEN_BUFFC otherwise it may overwrite existing Favorites).

Similarly in case we need to add more workbook to favorites we can Add one more row and enter the required details but important part is to maintain unique combination for key fields of table.After entering the required details we can go back and execute Function Module –



After executing FM we see that result is 2 entries & here OBJECT ID-11 (ie NEW-ID) is generated automatically for TOTAL PROJECT Workbook as highlighted below.



Then we can go back to same table SMEN_BUFFC to check the added workbooks to the favorites of the user.

Client	User	Typ	Extended Name	ID	ID	Level	Color	Attributes	ID	ID	Unique ID	Character 100	RFC Destin
010		OT	SAP_BW_QUERY	1	2	1	1000		80		4H6K0E0C30M03C08R095U7VU7	Cost Centre Trend Analysis - FGL_test	
010		OT	SAP_BW_QUERY	1	3	1	1000		70		4H6DLN3FORLR9HTS4045030P6	test	
010		OT	SAP_BW_QUERY	1	4	1	1000		60		4HSR5MFM7L5H0FUG7H5WB1EA2	test1	
010		OT	SAP_BW_QUERY	1	5	1	1000		50		4IGB2Z0JGSHN4431809TZA2TU	Cost Summary Report_TEST	
010		OT	SAP_BW_QUERY	1	6	1	1000		40		4KHAM3HMRR080B0Q2DRY0NE	HCP Payment Report test	
010		OT	SAP_BW_QUERY	1	7	1	1000		30		4KH7QAN73J5Y000K03N0B8FE	test query monthly sales and margin - enigma	
010		OT	SAP_BW_QUERY	1	8	1	1000		20		4KHUN7JBE20REH8W7R8MSATM	test query monthly sales and margin - enigma 1	
010		OT	SAP_BW_QUERY	1	9	1	1000		10		4HY2F57YAZN7NATRV9P1AJS	Cost Summary report test	
010		TR	RRMX	1	10	1	800		10		4IKGN893VRH1M7R5FZKZ6P9E2	PRICING PROCEDURE REPORT-TEST	
010		TR	RRMX	1	11	1	800		20		4HBNZV95LZ0RHN5BPUCM956	TOTAL PROJECT	

In the above screenshot it is shown clearly that now total no of entries is 10 for this user as the workbooks added are –“TOTAL PROJECT “ & “PRICING PROCEDURE REPORT-TEST” & last two entries had been added after executing the Function Module. In the below screenshot we can see in detail for the values for the workbook copied.

Table SMEN_BUFFC Display	
Client ID	010
User Name	
ReportTyp	TR
Extended Name	RRMX
ID (PARENT ID)	1
ID (OBJECT ID)	10
Level	1
Color	B00
Attributes	
ID (SORT ORDER)	10
ID (X POS)	0
ID (Y POS)	0
Unique ID	4IKGN893VRH1M7R5FZKZ6P9E2
Character 100	PRICING PROCEDURE REPORT-TEST
Destination	

Table SMEN_BUFFC Display	
Client ID	00
User Name	[REDACTED]
ReportTyp	TR
Extended Name	RRMX
ID (PARENT ID)	1
ID (OBJECT ID)	11
Level	1
Color	B00
Attributes	
ID (SORT ORDER)	20
ID (X POS)	0
ID (Y POS)	0
Unique ID	4IH8NZVI65LZGINNSBPU0M956
Character 100	TOTAL PROJECT-[REDACTED]
Destination	

Here we can see that object id for the workbooks are 10,11 & we entered OBJECT ID 10 for one of workbook in USER_SHELF table and OBJECT ID 11 is automatically generated in sequential manner for first workbook(Refer screenshot after executing Function Module).

So we see that it is simple to copy the workbook from anyone's Favorites to other user & this is pretty useful in the scenario when any one user had left the organization & his colleagues want to use his Favorites Workbook.

Related Content

[BI Homepage](#)

<http://www.help.sap.com>

<http://www.sdn.sap.com/irj/sdn/index>

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