

SAP 4.2 New Features

Version 1.0

Author- Pallavi Gadage

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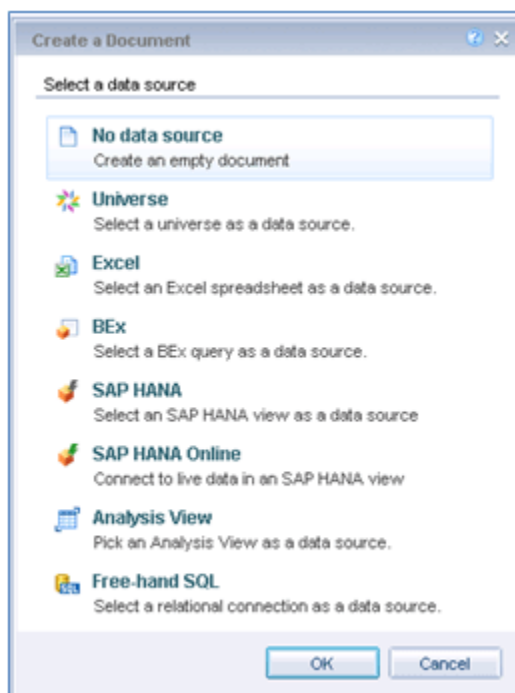
Purpose

This document covers the SAP 4.2 features. This is high level document assumes resource has basic knowledge of SAP BO Concepts.

With the release of SAP BusinessObjects 4.2, SAP introduced below enhancements:

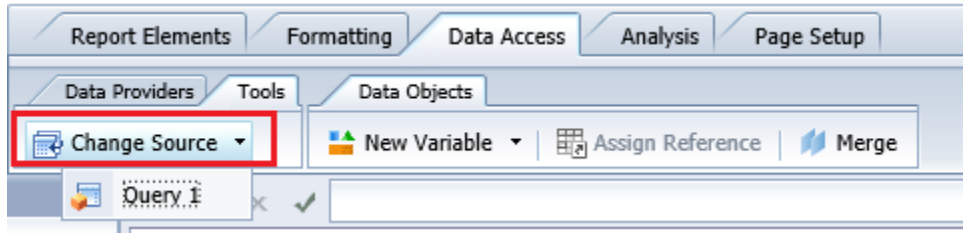
1. Direct Access to HANA views & Online mode

Now you have the capability to create a Webi report on top of a HANA view directly instead of creating a universe and refer the view via a semantic layer. We can also connect the HANA view directly to get the online data which will be useful for any type of real time reporting.



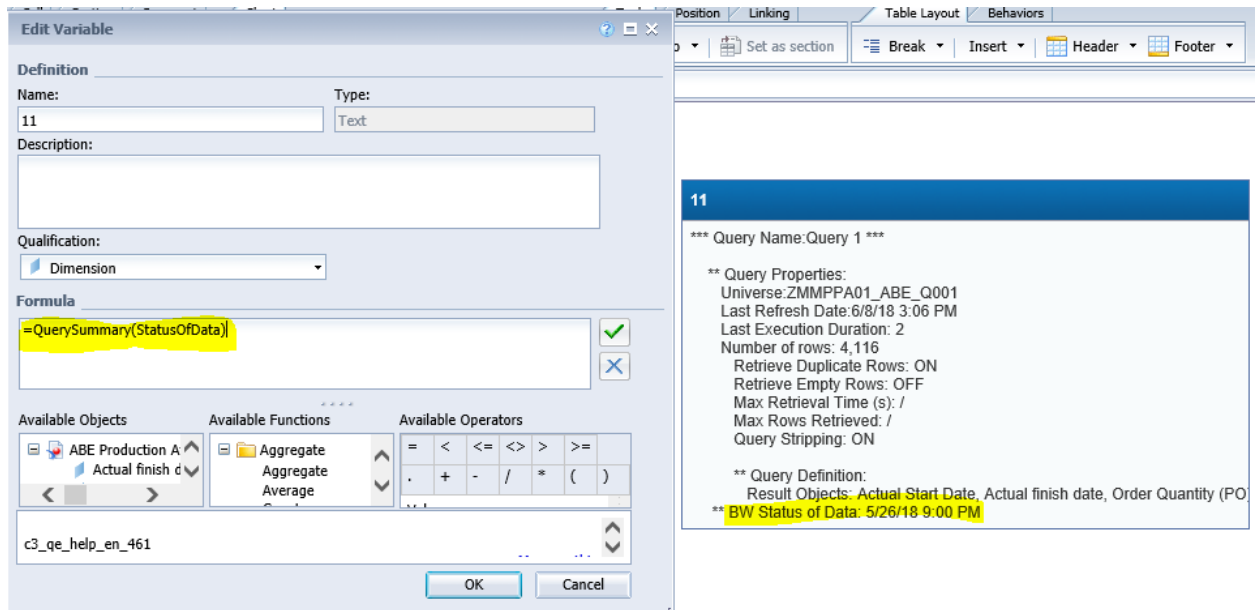
2. Change Source in Design Mode

If you have Webi report created on top of SAP BW directly, now you can change the data source in Design mode. Previously in SAP 4.1, this functionality is only available in Modify Mode.



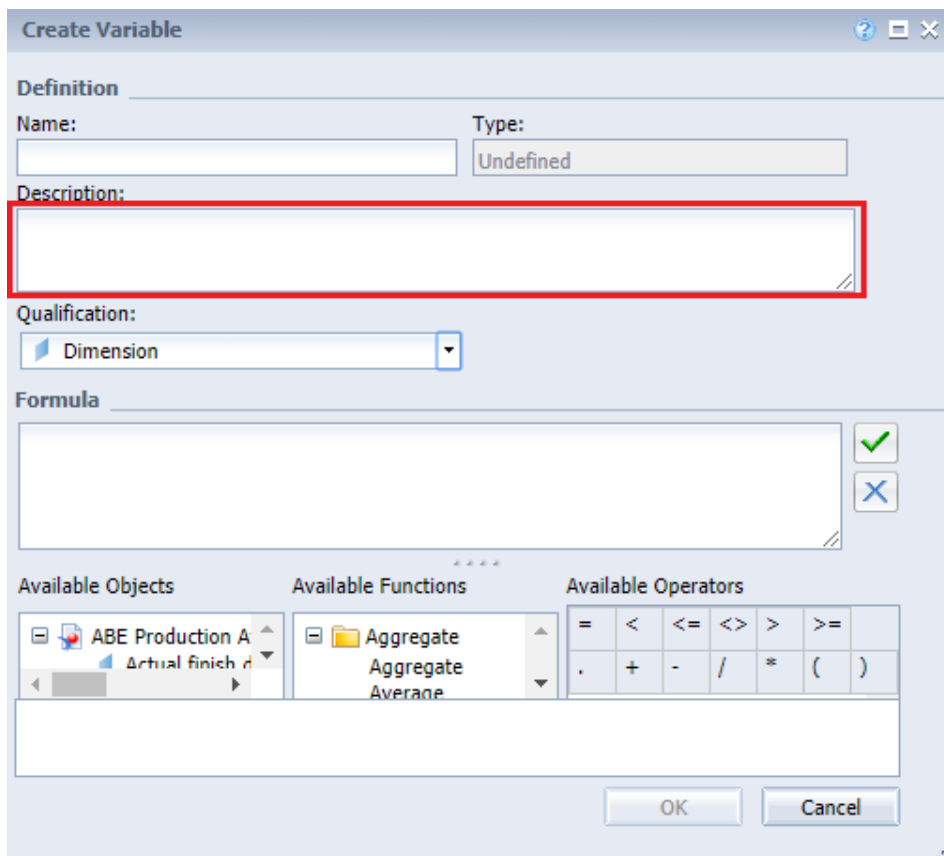
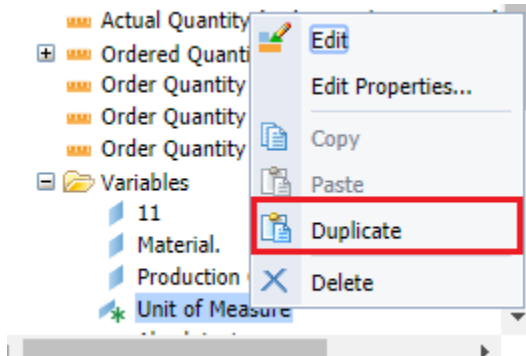
3. Data load status of an BW Info provider

Now we can get the data load status of BW info provider through webi reports. In the formula language, Query Summary (Status of Data) returns the SAP BW Info Provider's last upload data.



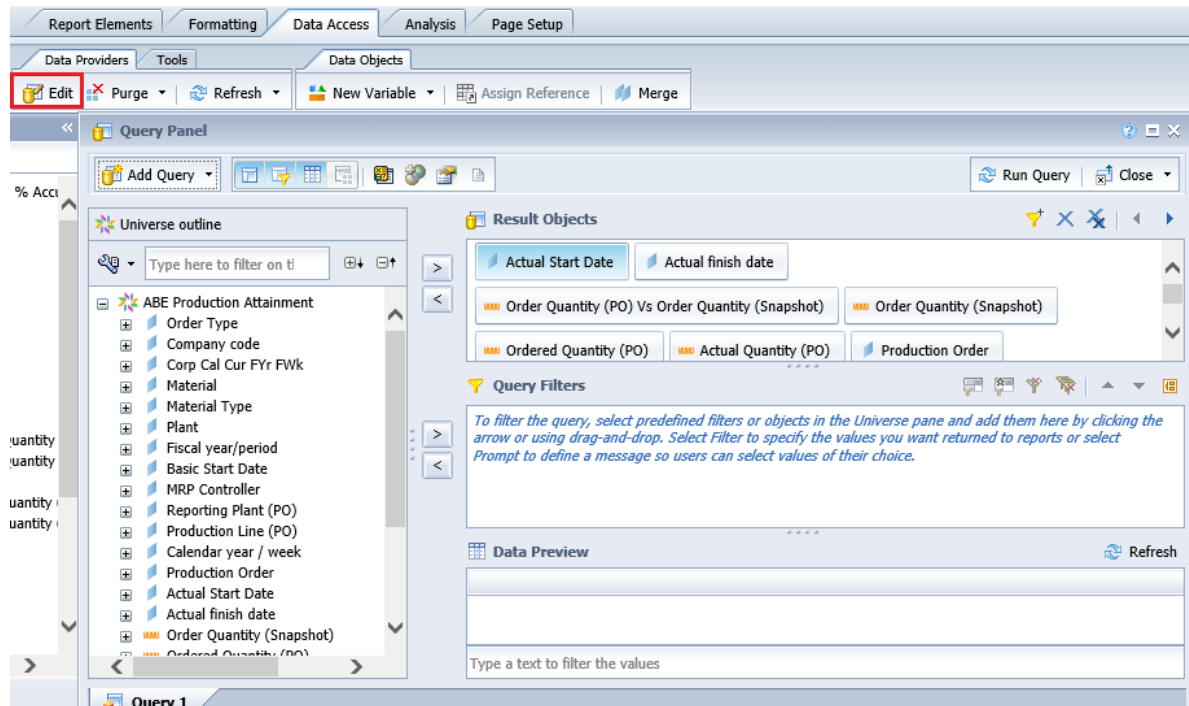
4. Variables Enhancements

To Simplify Variables, a new **Description** text field has been introduced where the report creator can add its own comment. Now we don't need to copy paste the variable to create duplicates. In 4.2 we can directly create duplicates.

A screenshot of the 'Create Variable' dialog box. The dialog has a title bar with a question mark, maximize, and close button. It is divided into several sections: 'Definition' with 'Name:' and 'Type:' (set to 'Undefined') fields; a 'Description:' text area (highlighted with a red rectangle); 'Qualification:' with a dropdown menu set to 'Dimension'; and 'Formula' with a large text area and 'OK'/'Cancel' buttons. At the bottom, there are three panes: 'Available Objects' (showing 'ABE Production A' and 'Actual finish d'), 'Available Functions' (showing 'Aggregate', 'Aggregate', and 'Average'), and 'Available Operators' (showing symbols like '=', '<', '<=', '<>', '>', '>=', '.', '+', '-', '/', '*', '(', ')').

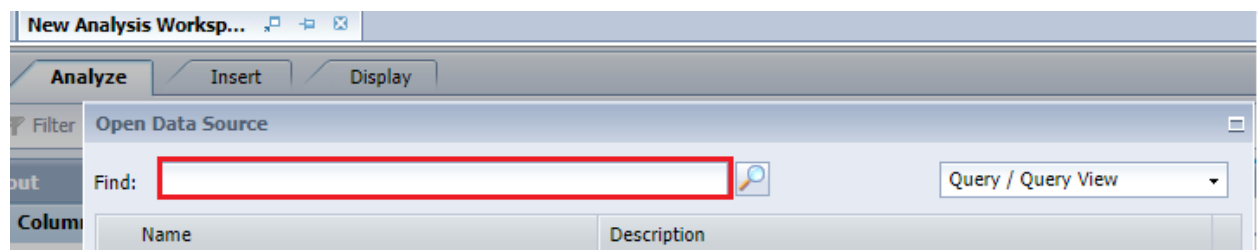
5. Edit Query

If you have Webi report created on top of SAP BW directly, now you can edit the query in Design mode of application. Previously in SAP 4.1, this functionality is only available in Modify Mode.



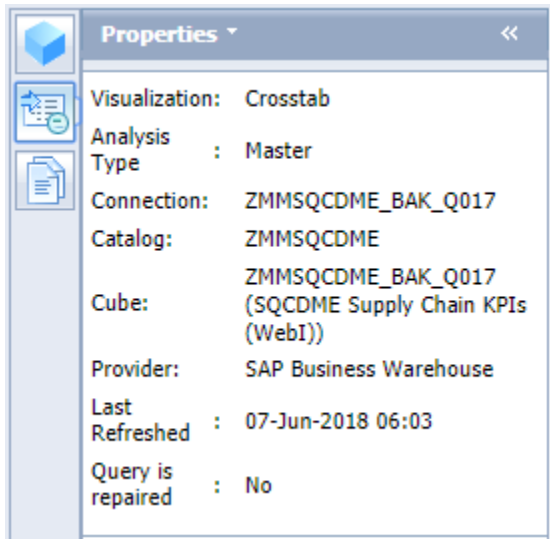
6. Search for Connection in Analysis edition for OLAP

When we create OLAP report it enable quick and easy access to OLAP source. Name and Description is available while searching connections and it is case insensitive. In SAP 4.1, we need to scroll the Connection list.



7. Display Data Source Details

Provide the data source description for all OLAP connections including Cube/Query, Catalog and Server details.



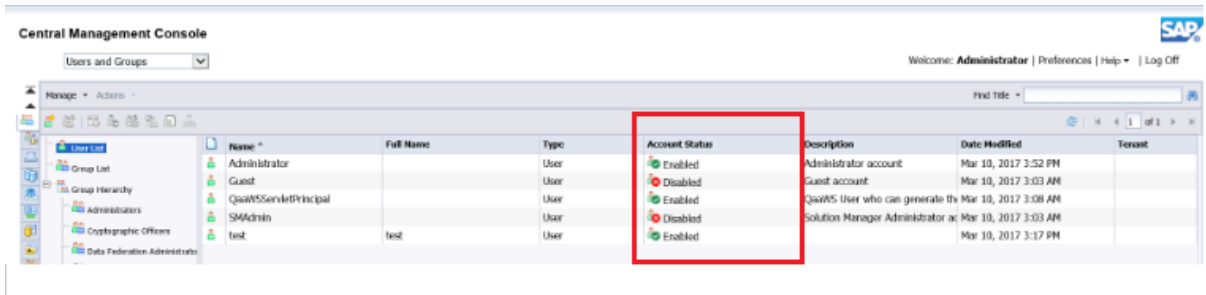
8. Modification Indicator

Indicator on Workbook tab if content has been modified tab will receive an asterisk (*) as pre-fix. If we update content in OLAP report, then an asterisk (*) comes once we saved report it will disappear.



9. User Account Status

In CMC, new column in User list is present to know the account status of the user i.e whether user account is Enabled/Disabled in one view. We don't need to open user's properties and check the user account status.



Central Management Console

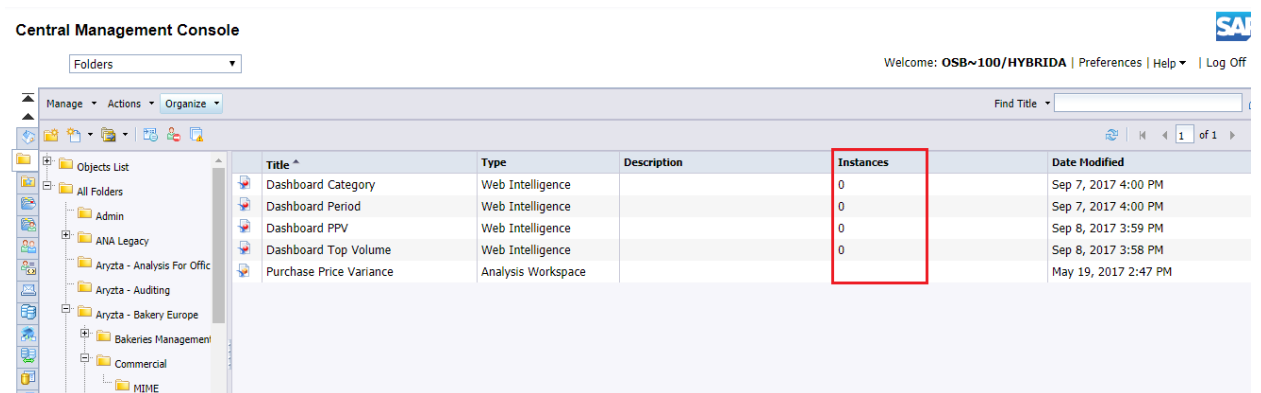
Users and Groups

Welcome: Administrator | Preferences | Help | Log Off

Name	Full Name	Type	Account Status	Description	Date Modified	Tenant
Administrator		User	Enabled	Administrator account	Mar 10, 2017 3:52 PM	
Guest		User	Disabled	Guest account	Mar 10, 2017 3:03 AM	
QaaWSServicePrincipal		User	Enabled	QaaWS User who can generate the	Mar 10, 2017 3:08 AM	
SMAdmin		User	Disabled	Solution Manager Administrator ac	Mar 10, 2017 3:03 AM	
test	test	User	Enabled		Mar 10, 2017 3:17 PM	

10. Instances Count

In CMC, new column in Folders is present to quickly check the number of instances attached to a document. Previously this column is available only for Instance Manager.



Central Management Console

Folders

Welcome: OSB~100/HYBRIDA | Preferences | Help | Log Off

Title	Type	Description	Instances	Date Modified
Dashboard Category	Web Intelligence		0	Sep 7, 2017 4:00 PM
Dashboard Period	Web Intelligence		0	Sep 7, 2017 4:00 PM
Dashboard PPV	Web Intelligence		0	Sep 8, 2017 3:59 PM
Dashboard Top Volume	Web Intelligence		0	Sep 8, 2017 3:58 PM
Purchase Price Variance	Analysis Workspace		0	May 19, 2017 2:47 PM

