Create your own Reports within your SAP Data Volume Management Workcenter

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1 GETTING STARTED

This section provides an overview of how to create your own report within SAP Solution Manager Data Volume Management Workcenter.

It is a step by step description based on one example, where two specific tables for two different systems are pre-selected. The intention is to show you how to find the relevant data you need in order to create your own custom reports.

The following tools, transactions and tables are used within this step by step description:

- BEx Query Designer
- TA solman_workcenter / Data Volume Management Workcenter
- TA SE16
- TA RSRT
- Table RSZWOBJTXT
- Table RSZWOBJXREF

Please ensure that you have sufficient authorizations to access them.
2 CREATE A NEW REPORT

Start Solution Manager Data Volume Management workcenter

Click Reports.
Click Add. Clicking the Work Center – field opens a drop-down list. Clicking the entry Data Volume Management selects it.
The **Template ID**: field needs to be filled within this step. Please see chapter “Identify Technical Name of Template ID”.

For our example we are going to use Template ID ‘TPL_OM_DVM_TAB_Q0001’. To fill the remaining fields relating to the Server use the following directions.

*In case you opened the DVM WorkCenter within the normal GUI you can gather the server and server port name from the address bar when opening the ‘Content Browser’ or the ‘Virtual Fields Generator’, for instance.

(1) Copy the used server name and server port name into field ‘Server (server:port)’.
(2) Choose ‘ABAP Server’ out of the dropdown menu related to field ‘Server Type’.
(3) Add a short description.
(4) Click on ‘Add’ to save the settings made.

As you can see below the new report is available now.

In the next step we are going to specify certain selection criteria.

Mark the relevant query, click on [Change] and choose tab Variables.
Please see chapter **Identify Technical Name of Report Variables** to ensure that the correct technical names are chosen.

For our example two parameters need to be defined:

- **Landscape System ID** \(0I\_LSIDL\) with values ‘C70’ and ‘STA’
- **Table Name** \(0P\_TABO\) with values ‘D010TAB’ and ‘D010INC’

1. Open the created report in change mode.
2. Switch to tab ‘Variables’.
3. Fill in Parameter ID’s, Parameter descriptions and values.
4. Confirm each entry by pressing ‘Add’.

Afterwards tab **Preview** can be used to check the query.
3 IDENTIFY TECHNICAL NAME OF TEMPLATE ID

There are different ways to identify the technical name of a template ID.

In the following example, the first step is to look for the ‘long text’ of the template ID you are interested in. This ‘long text’ is used to identify the technical name afterwards.

Click on „Statistics and Trend” and navigate to the analysis you are interested in. In our example we are looking for a query displaying the top 5 tables for the systems part of the chosen DVM scenario.

Click Data Allocation Statistics.
Click **Tables (All)**

Click [here to load data from Business Warehouse](#)
Click on Execute

From the result screen you can copy the long text (marked) into clipboard. We need to identify the technical name of the used template as a required input parameter for our own DVM Workcenter report.

Open the Data Browser (transaction /nse12 or /nse16).

Chose table “RSZOBJTXT - Texts for Templates/Items/Views”

(1) Fill in ‘A’ (= Active) within field OBJVERS.
(2) Fill in ‘1’ (= Template).
(3) Fill in ‘EN’ (= English) for your used language.
(4) Fill in the copied long text or parts of it in field TXTLG together with a star used as a wildcard here.
(5) Execute

Two templates have the same long text (field TXTLG).

To identify the underlying queries we need to check the content of field DATA_PROVIDER_ID within table RSZWOBJXREF for each of the above queries.
Use SE12/16 to display this table.

(1) Fill in both template names in field TMPLID.
(2) Fill in ’A’ (= Active) within field OBJVERS.
(3) Fill in ’17’ (= Table) within field ITEMTYPE.
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The related queries connected to the DataProvider are `0SM_DVM_SIZE_SUM_TABXX` & `0SM_DVM_SIZE_SUM_TAB` in this case.

In the next step we need to compare the selection screen of both queries to identify the correct web template by using transaction RSRT – Query Monitor.

Insert the query name (0SM_DVM_SIZE_SUM_TABXX) and press ‘Execute’

As you can see two fields are available as input fields only.

Go back (F3) and insert the second query name detected (0SM_DVM_SIZE_SUM_TAB) and press ‘Execute’
For query 0SM_DVM_SIZE_SUM_TAB we see same selection criteria as seen for 'Tables (all) / Summary' view so the related template is the right one to choose (=TPL_0SM_DVM_TAB_Q0001).
4 IDENTIFY TECHNICAL NAME OF REPORT VARIABLES

In the following example we use the BEx Query Designer to identify the technical name of the variables part of the planned query.

Open the BEx Query Designer and connect to the relevant SAP system.

Use the technical name of the identified query at the end of the previous chapter Identify Technical Name of Template ID.

Here query "0SM_DVM_SIZE_SUM_TAB" is used:

Mark the query and open it.
Within the **Filter** box you find the different characteristics used as filter criteria for this query.

Please note that we need to choose the technical name of the characteristic value variable and NOT the technical name of the characteristic itself.

You also find the defined characteristic value variables (that can be used as parameters for our own query) within **InfoProvider** box as shown below.
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