Applies to:
SAP BI 7.0. For more information, visit the Business Intelligence Home Page

Summary
This paper gives a detail understanding and use of Report-to-Report Interface in BW Reporting. The document guides to understand the various options available to drill down from one report to another. Also the steps will guide to learn the process of building RRI interfaces between reports.

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**Introduction**

Report-to-Report Interface (RRI) help to enhance the capabilities of BW queries, and drilling through from one query to another. Setting up the query with the free characteristics and other options may not help the business user with granularity of data needed for decision making. Therefore, the use of RRI component may result handy. Report-to-Report Interface has many names, such as query jump targets (From a query, the destination to which you branch is called a Jump Target), drill through functionality, and the RRI naming conventions. All address the same functionality in SAP BW.

**Scenario**

To demonstrate the functionality and usage of RRI, the scenario uses two queries. One is the Orders and sales values for Sold to party (ZSD_C03_Q009). The other query is Open orders and quantity for Sold to party (ZSD_C03_Q001).

**RRI Interface Functionality:**

Please follow the steps below to understand the use of RRI in BW Reports.

**Step1: setting up RRI**

To get started with RRI setup, from the initial screen select SAP Menu → Business Explorer → Query → Maintain Sender-Recipient Mapping. Also, can use the T-code: RSBBS as shown.

The t-code will display the RRI screen as shown. The RRI function works for query level and the InfoProvider-level (All queries of InfoProvider) as shown. For now, I will discuss only the query level RRI, as “One Query” process and choose ZSD_C03_Q009 query as the sender.
To do this, use the F4 input help to view all the queries in the system. This paper uses Orders and sales values for sold to party (ZSD_C03_Q009). Click on the create option, and we will the screen below -

<table>
<thead>
<tr>
<th>Report Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEx query</td>
<td>Jumps to a query that was created using BEx Query designer</td>
</tr>
<tr>
<td>BW Java Web Application</td>
<td>Jumps to a BEx Web Application that is an executed web template created using BEx Web Application Designer. Note: this function requires Java based runtime of SAP NetWeaver BW</td>
</tr>
<tr>
<td>BW 3.x Web Application</td>
<td>Same function as above, but used for SAP BW 3.x Web Application.</td>
</tr>
<tr>
<td>BW Crystal Report</td>
<td>Jumps to a formatted report in Crystal Enterprise.</td>
</tr>
<tr>
<td>InfoSet Query</td>
<td>Jumps to an InfoSet query</td>
</tr>
<tr>
<td>Transaction</td>
<td>Jumps to a transaction in SAP system</td>
</tr>
<tr>
<td>ABAP Report</td>
<td>Jumps to an ABAP/4 report in SAP system</td>
</tr>
<tr>
<td>Web Address</td>
<td>Jumps to any web address and pass the parameters in the URL</td>
</tr>
<tr>
<td>Own Report Type</td>
<td>Jumps to any target of Web or SAP GUI for HTML.</td>
</tr>
</tbody>
</table>

In this paper we identified the report type as BEx query. Next, the “target system” needs to be confirmed. The RRI gives option of selecting either a local system or source system. We will select the “local system” and the query used as a target is one set up to display open orders and quantity for sold to party (ZSD_C03_Q001) as shown -
Step 2: setting up the RRI Assignment

Click on the Assignment Details button, to select or identify the fields to be assigned from sender to receiver. To make changes to the individual fields choose the required settings from the dropdown list of the respective cells. In the example, I will select the type as InfoObject and field name OSOLD_TO and selection type as single value as shown –

When the system calls up the receiver, the settings made in the Field assignments dialog box are set. This completes the necessary configuration settings for the RRI to work.

Note: Jump targets that have been assigned to the BEx query can be selected in Web Applications and in the BEx Analyzer. They can be accessed from the context menu under the GoTo function.
Step3: Results

The following illustration shows the execution of the sender (ZSD_C03_Q009), choose the Sold to Party and use the context menu option GoTo → Open Orders (ZSD_C03_Q001) set as receiver.

The result of initial setup of the RRI will allow the query jump.

Open the BEx Analyzer and execute the Sender (ZSD_C03_Q009) as shown -

From the context menu of the Sold to “Sony Electronics” select GoTo → Open orders as shown -

The RRI query jump will display the Receiver as shown -
Related Content

Also, for more details please refer the following links

https://forums.sdn.sap.com/thread.jspa?messageID=7846103#7846103
https://forums.sdn.sap.com/thread.jspa?messageID=7578814#7578814
https://forums.sdn.sap.com/thread.jspa?messageID=7642507#7642507

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