



## Quick Tip

# Create a Transaction Code for Report Painter Reports Properly

by Martin Ullmann, President, DAP Consulting

Users often create transaction codes to execute Report Painter reports and then receive an error message when trying to transport them. See how to avoid this by correctly creating transaction codes for Report Painter reports.

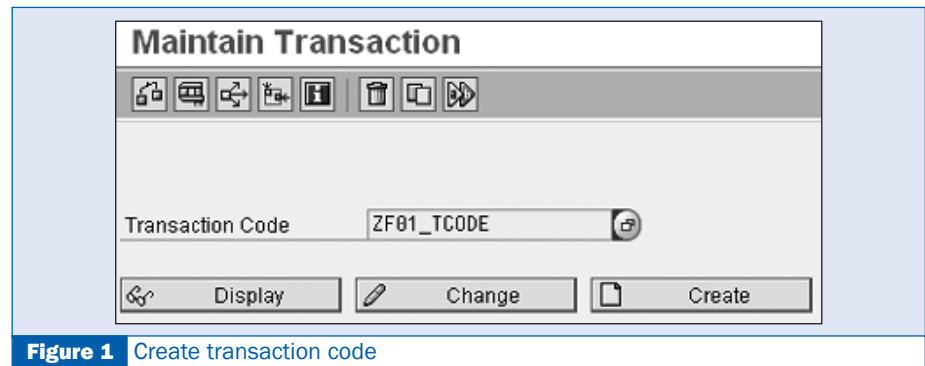
Report Painter reports are available throughout your SAP system, including for reporting in FI, Controlling (CO), Project System (PS), Funds Management (FI-FM), and Logistic Information System (LIS). From a technical perspective, you can assign one or multiple Report Painter reports to a report group. You can then execute the report group using transaction **GR55**.

However, most organizations prefer to assign report authorizations by transaction code and therefore create individual transaction codes for each report. Then you have to transport the new transaction throughout the system landscape to execute the Report Painter report in your different systems (e.g., development or production). A common mistake is that users create the transaction code with the SAP-generated program name of the Report Painter

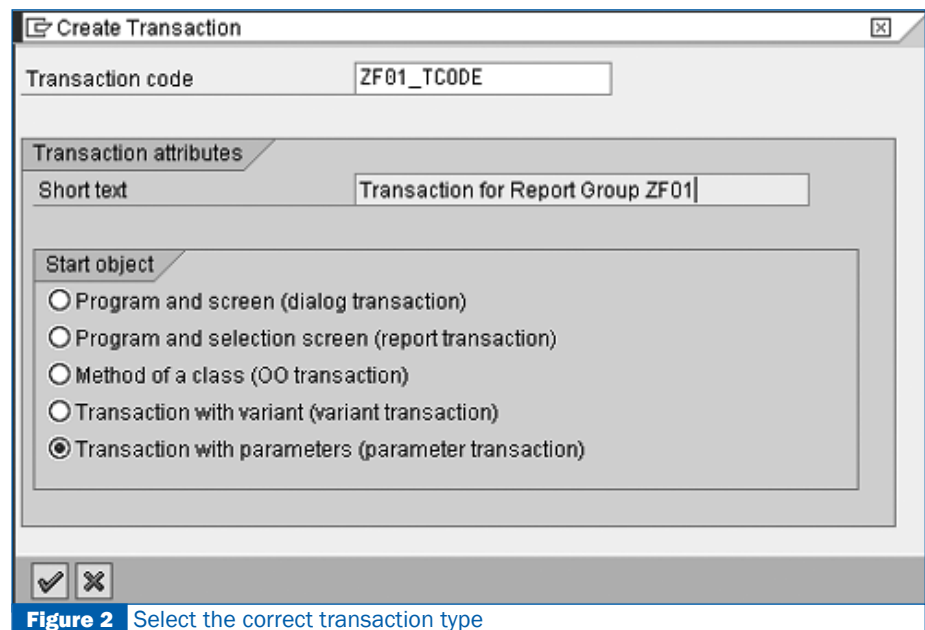
report. For example, the same report has the SAP-generated program name **GP3Q904OAKNBLCMRUH11IOQKMD0110**

in the development system and **GP3Q904OAKNBLCMRUH11IOQKMD0400** in a production system. Both program names look identical except for the last 3 digits, which represent the client in which the report was generated.

Because you don't have control over the SAP-generated program name, you run into



**Figure 1** Create transaction code



**Figure 2** Select the correct transaction type

### >> Note

SAP introduced Report Painter reports as a successor to Report Writer reports. This article describes the steps for Report Painter reports because they are most commonly used. However all steps are also valid for Report Writer reports.

problems when the system then generates the Report Painter report. In this case, the transaction cannot find the program name, a short dump occurs, and the system alerts you with an error message, saying that it cannot find the program.

To avoid this issue, you need to define the transaction code as a parameter transaction instead of a report transaction. In a report transaction, you call an ABAP program. In a parameter transaction, you call a

transaction code and then need to fill the parameters of this transaction. I'll show you how to do this with a simple example, which applies to R/3 and SAP ERP Central Component (ECC) systems.

### Define the Transaction Code as a Parameter Transaction

In my example, I created a Report Painter group **ZF01** and want to assign the trans-

action code **ZF01\_TCODE** to this group. Create the transaction code **ZF01\_TCODE** with transaction **SU93** (Figure 1). Then click on the **Create** button.

You need to select the correct transaction type, which in this case is a parameter transaction. For Report Painter reports, select **Transaction with parameters (parameter transaction)** (Figure 2).

Enter **START\_REPORT** in the **Transaction** field and press Enter (Figure 3). Select the **Skip initial screen** and **Inherit GUI attributes** check boxes (Figure 4).

On the same screen, scroll down to the **Default Values** table and select parameters **D\_SREPOVARI-REPORTTYPE** and **D\_SREPOVARI-REPORT**. Enter **RW** for the report type and your report group **ZF01** as the report value (Figure 5). The value **RW** is valid for Report Painter as well as Report Writer reports.

Now you can save your transaction and transport it to other systems without worrying that you won't be able to execute the transaction code. The parameter transaction ensures that it has the same name in every system, so there is no error. ■

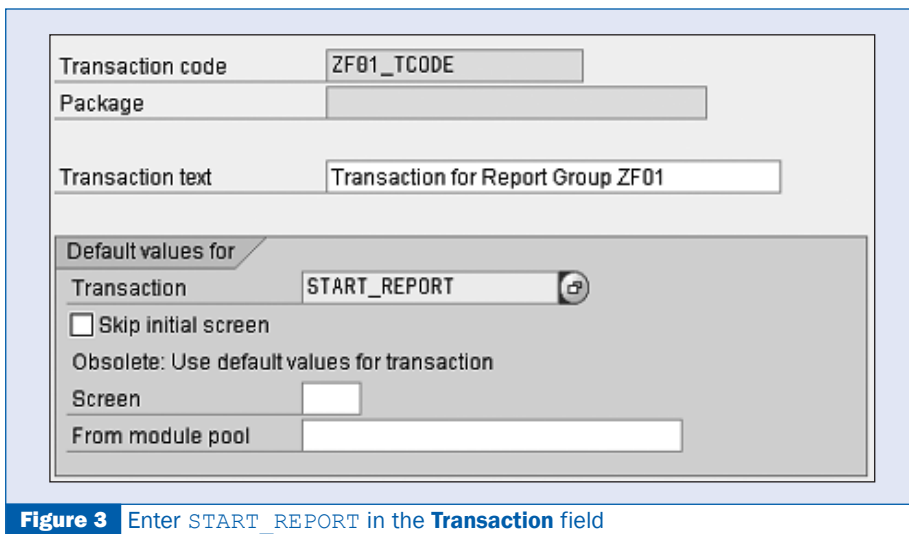


Figure 3 Enter **START\_REPORT** in the **Transaction** field

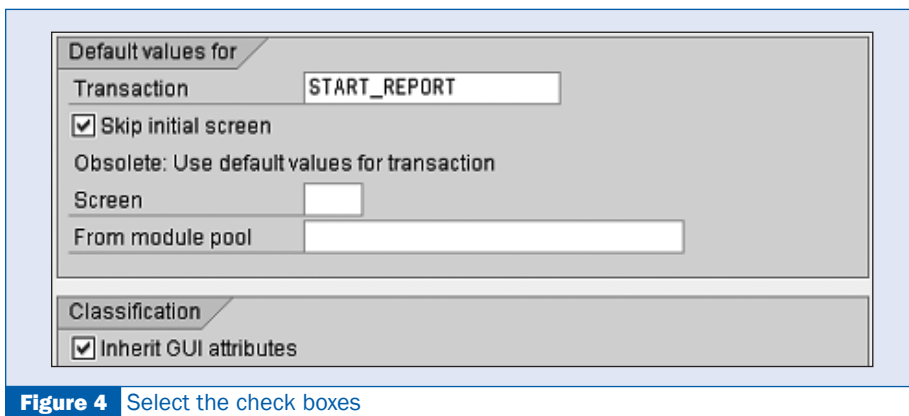


Figure 4 Select the check boxes

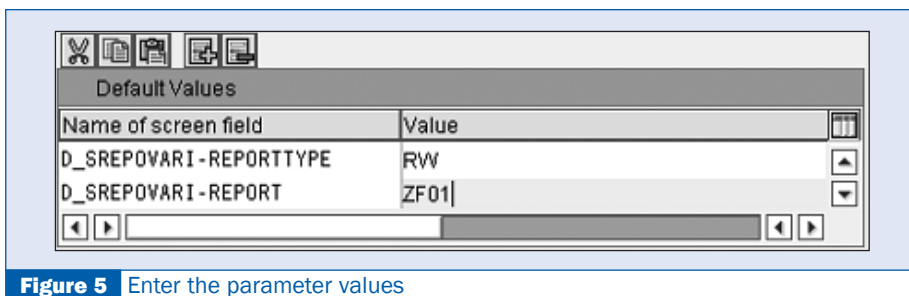


Figure 5 Enter the parameter values



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