

# How to Handle Inactive Transformations-Transport of Deletions



## Applies to:

SAP NetWeaver BI 7.0. For more information, visit the [EDW homepage](#)

## Summary

This article explains how to handle the Inactive Transformations across clients where the problem is caused by a customer error during the set up of the source system. After the transformation is transported, the source system assignment is changed or not maintained in the table RSLOGSYSMAP. As a result, the transformation with the relevant source system, which is to be deleted, is no longer found.

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## Introduction

This article explains how to handle the Inactive Transformations across various clients (Quality and Development) where developers will not have the required authorizations to make the changes to any of the Inactive Objects and only restricted with display access.

The problem is caused by a customer error during the set up of the source system. After the transformation is transported, the source system assignment is changed in the table RSLOGSYSMAP or it may occur when developer forget to create the system mappings beforehand and transported the transformations. As a result, the transformation with the relevant source system, which is to be deleted, is no longer found.

## Background Information

This Article provides with the possible solutions to handle the Inactive Transformations in the client systems where developer is provided with only display access and when you use a transport to delete transformations in the target system. The transformation is not deleted and the system issues error messages in the transport log (RS\_EXCEPTION 250 - "No authorization for object &1 &2 (authorization object &3)").

In order to perform this activity one need to get the prior approvals from the concerned as we are dealing with the deletion of Objects.

The Inactive transformations which resulted because of not maintain the Source System mappings properly in restricted clients can be handled in below ways. You have several options to correct this problem:

1. You delete the transformations manually (CL\_RSTRAN\_STAT=>DELETE\_VERSION\_FROM\_DB)
2. You transport a transformation deletion with the relevant logical system, which is maintained in the table RSLOGSYSMAP, as the source system of the transformation to be deleted.
3. You temporarily remove the entry for the relevant source system.
4. You temporarily make the relevant entry in the table RSLOGSYSMAP for this transport.

## Scenario

From the below screen shot we can observe that one of the Transformations (**01ZLDG9WN9S1ICLOB066VAW7KGZLO2IP**) of 0MATERIAL is inactive in the Quality environment.

From error log we can make out that:

**The Data Source 0MATERIAL\_ATTR (ODDCLNT500) does not exist in object version M**

Material	0MATERIAL	=	CI
Material (Hierarchies)	HIERARCHIES 0MATERIAL	M:	
Material (Attribute)	ATTRIBUTES 0MATERIAL	M:	
TRCS 0MATERIAL_ATTR -> IOBJ 0MATERIAL	0FP0WHYSN1V5TV10CM6CNNNGQVRIOWHHN	=	CI
Material (attributes)	0MATERIAL_ATTR	=	CI
RSDS 0MATERIAL_ATTR ODDCLNT500 -> TRCS 0MATERIAL_ATTR	<b>01ZLDG9WN9S1ICLOB066VAW7KGZLO2IP</b>	≠	CI
RSDS 0MATERIAL_ATTR ODQLNT130 -> TRCS 0MATERIAL_ATTR	05L1K77ZWH4P8KEROT4EU911SFUEWGJ9	=	CI
Data Transfer Processes	ATTRIBUTES 0MATERIAL		

This is resulted because the Source systems mappings are not done and are not maintained in table RSLOGSYSMAP.

We can find the source system mapping details from the table RSLOGSYSMAP.

Go to Tcode SE11 and give the data base table name **RSLOGSYSMAP**

## ABAP Dictionary: Initial Screen

## Dictionary: Display Table

Field	Key	Initi.	Data element	Data Ty.	Length	Decim.	Short Description	Group
LOGSYSORG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RSLOGSYSORG	CHAR	10	0	Logical system name of the source system before transport	
LOGSYSNEW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RSLOGSYSNEW	CHAR	10	0	Logical system name of the source system after the transport	
ONLYNEW	<input type="checkbox"/>	<input checked="" type="checkbox"/>	RSAR_NEW_OBJECTS	CHAR	1	0	Only Valid for RSDS, TRFN and DTPA Objects	

Below are the source system mapping entries from table RSLOGSYSMAP

Field	Key	Initi.	Data element	Data Ty.	Length	Decim.	Short Description	Group
LOGSYSORG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RSLOGSYSORG	CHAR	10	0	Logical system name of the source system before transport	
LOGSYSNEW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	RSLOGSYSNEW	CHAR	10	0	Logical system name of the source system after the transport	
ONLYNEW	<input type="checkbox"/>	<input checked="" type="checkbox"/>	RSAR_NEW_OBJECTS	CHAR	1	0	Only Valid for RSDS, TRFN and DTPA Objects	

Now we maintained the Source System mappings which are missed earlier and the same can be observed from the below screenshot.

The screenshot shows the SAP Data Browser interface for the table RSLOGSYSMAP. The title bar reads "Data Browser: Table RSLOGSYSMAP Select Entries". Below the title bar is a menu with "Table Entry", "Edit", "Goto", "Settings", "System", and "Help". A toolbar contains various icons for navigation and actions. The main area displays a table with the following data:

LOGSYSORG	LOGSYSNEW	ONLYNEW
ODQCLNT500	ODQCLNT130	
OLDCLNT100	OLQCLNT100	

Up on transporting the transformation again from development to Quality system results in transformation ( **05L1K77ZWH4P8KEROT4EU91ISFUEWGJ9** ) for 0MATERIAL which is active.

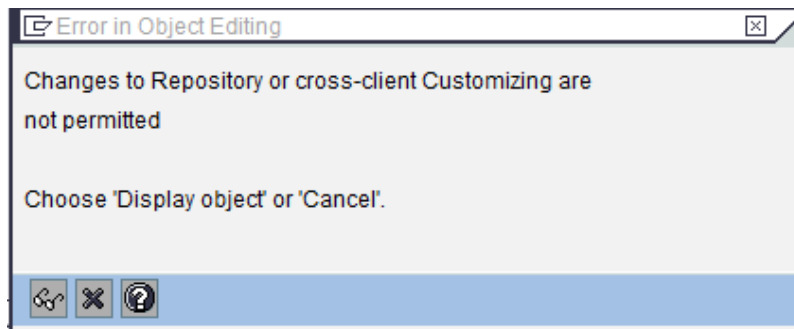
This is because of maintaining the source system mappings.

Now we need to cleanse the Inactive transformation from Quality environment and need to delete it, so that we will be left with only active consistent flow.

The screenshot shows the SAP Material hierarchy. The tree structure is as follows:

- Material
  - Material (Hierarchies)
    - Material (Attribute)
      - TRCS 0MATERIAL\_ATTR -> IOBJ 0MATERIAL
        - Material (attributes)
          - RSDS 0MATERIAL\_ATTR ODDCLNT500 -> TRCS 0MATERIAL\_ATTR **01ZLDG9WN9S1ICLOB066VAW7KGGZLO2IP** (highlighted in red)
          - RSDS 0MATERIAL\_ATTR ODQCLNT130 -> TRCS 0MATERIAL\_ATTR 05L1K77ZWH4P8KEROT4EU91ISFUEWGJ9

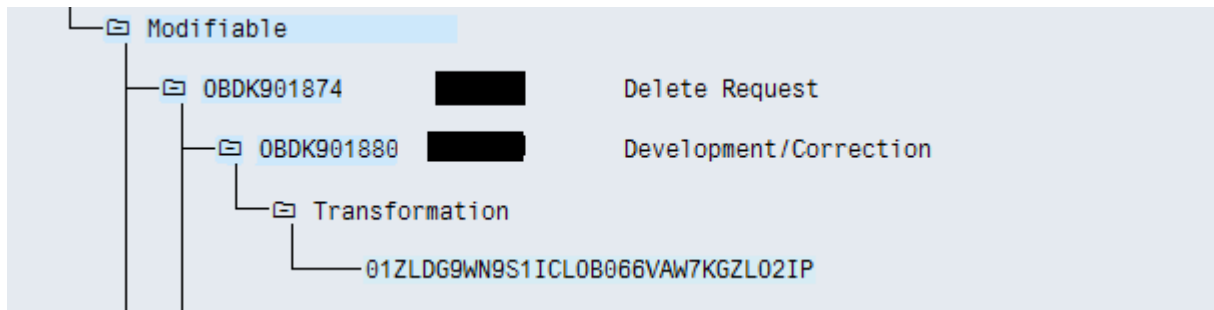
From the below screen shot we can understand the security privileges a developer has in the Quality environment. We are not authorized to make any changes to Repository or cross-client customizing are not permitted.



**Case 1:**

You transport a transformation deletion with the relevant logical system, which is maintained in the table RSLOGSYSMAP, as the source system of the transformation to be deleted.

In this case we need to transport the deletion request generated by deleting the corresponding Transformation in Development environment and moving this deletion request to the Quality.



From the above screen shot we can make out that the Transformation relevant to the Inactive ones in Q box is accumulated in development by deleting it.

This removes the Inactive Transformations from the Q system; this can be performed before modifying or changing the Source System details.

**Case 2:**

We can temporarily remove the entry for the relevant source system to cleanse the Inactive transformation in Quality environment.

**Case 3:**

We can make the relevant entry in the table RSLOGSYSMAP and can create a Transport request to address the Inactive Transformations.

**Case 4:**

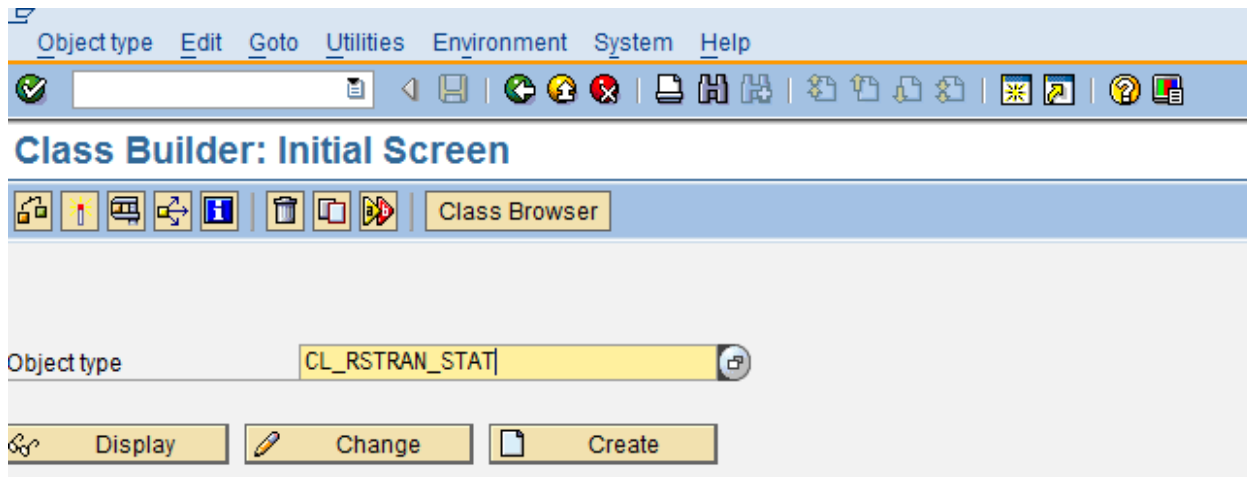
It's better to opt this approach only when we are not able to create or capture a delete request for the corresponding Inactive Transformations in the development environment.

In our case we had already maintained the correct source system mappings after the failure of request resulting in Inactive Transformations. Even we transported the transformations again to Q box resulting in active ones along with the Inactive Transformation.

Below is the procedure to be followed to delete Inactive Transformations.

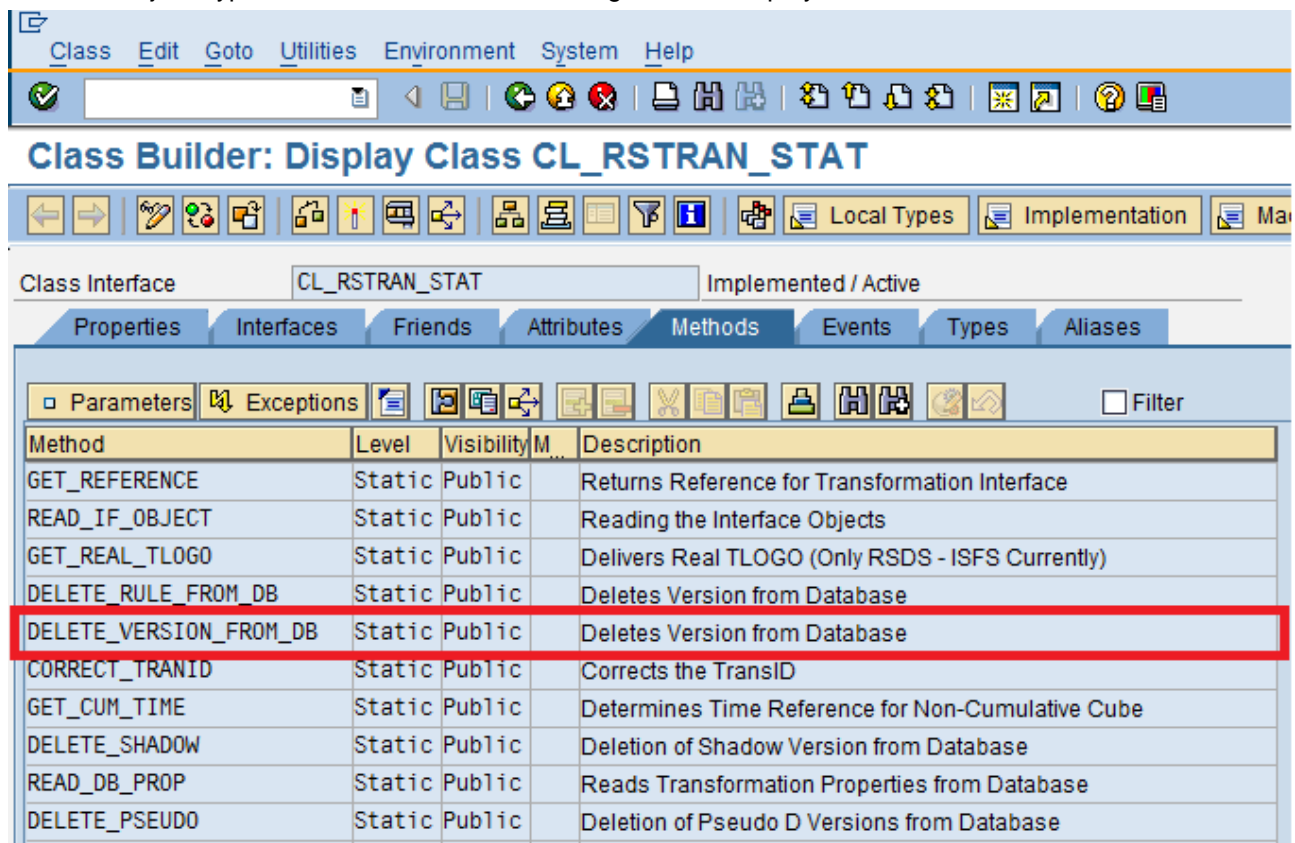
## Procedure:

Go to ABAP Class Builder screen, to reach the initial screen of the Class Builder in Quality environment, Choose *Development* → *Class Builder* from the initial screen of the ABAP Workbench or enter transaction code **SE24**



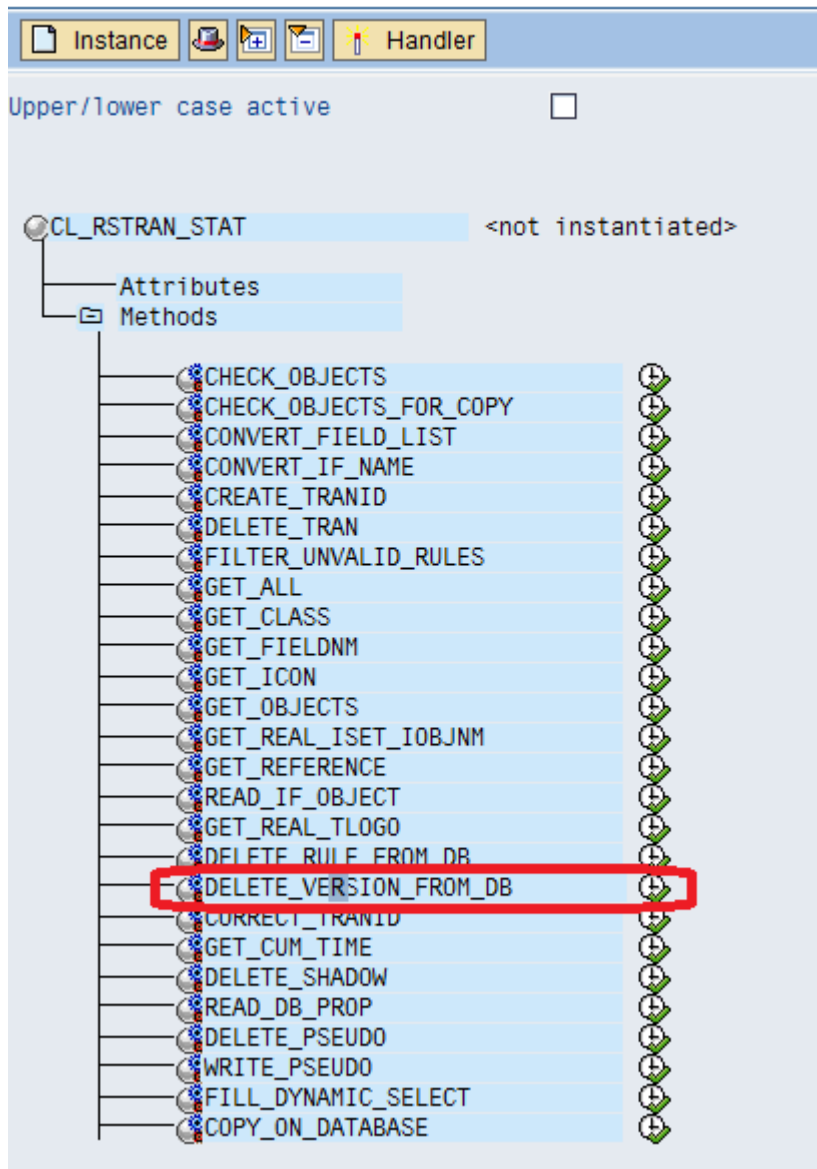
From here, we can either display the contents of the class library or edit a class using the Class Editor. Once you have defined an object type, you can implement its methods. From the initial screen or the Class Editor, you can also access the Class Builder's test environment. You can define the object types immediately after implementing the method in the ABAP Editor. It is also possible to access the test environment from the initial screen or Class Editor

Give the Object Type as **CL\_RSTRAN\_STAT** and go with its display to find the methods in the class.



On executing the class **CL\_RSTRAN\_STAT** we can get to the methods.  
Method **DELETE\_VERSION\_FROM\_DB** is used to delete the Inactive Transformation.  
Same is highlighted in the below screenshot.

## Test Class CL\_RSTRAN\_STAT: No Instance

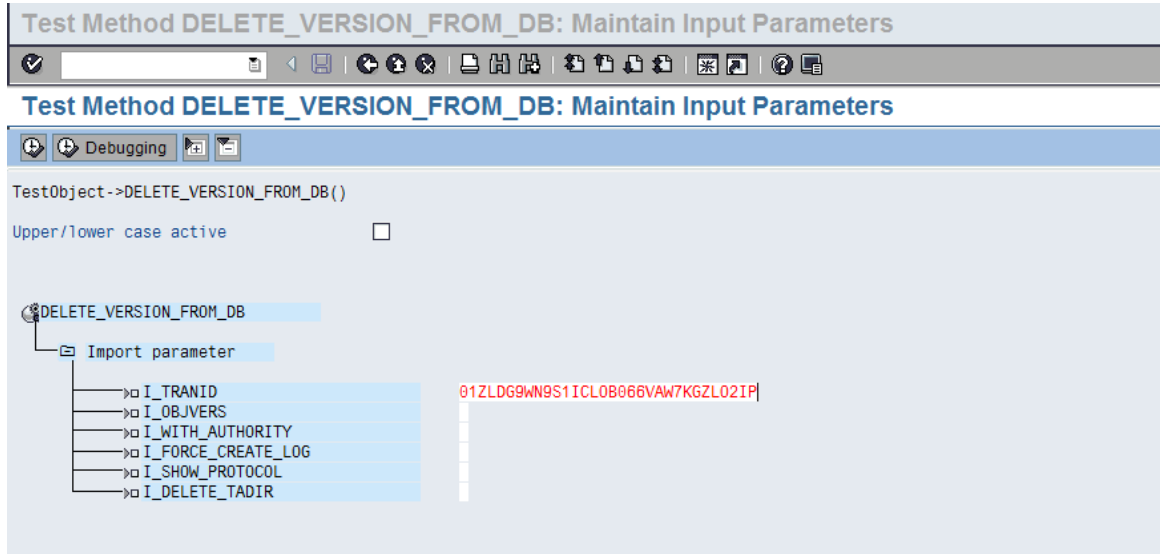


Maintain the Input parameters for the method **DELETE\_VERSION\_FROM\_DB**.  
Give the import parameter **I\_TRANID** value the technical name of the Inactive Transformation.

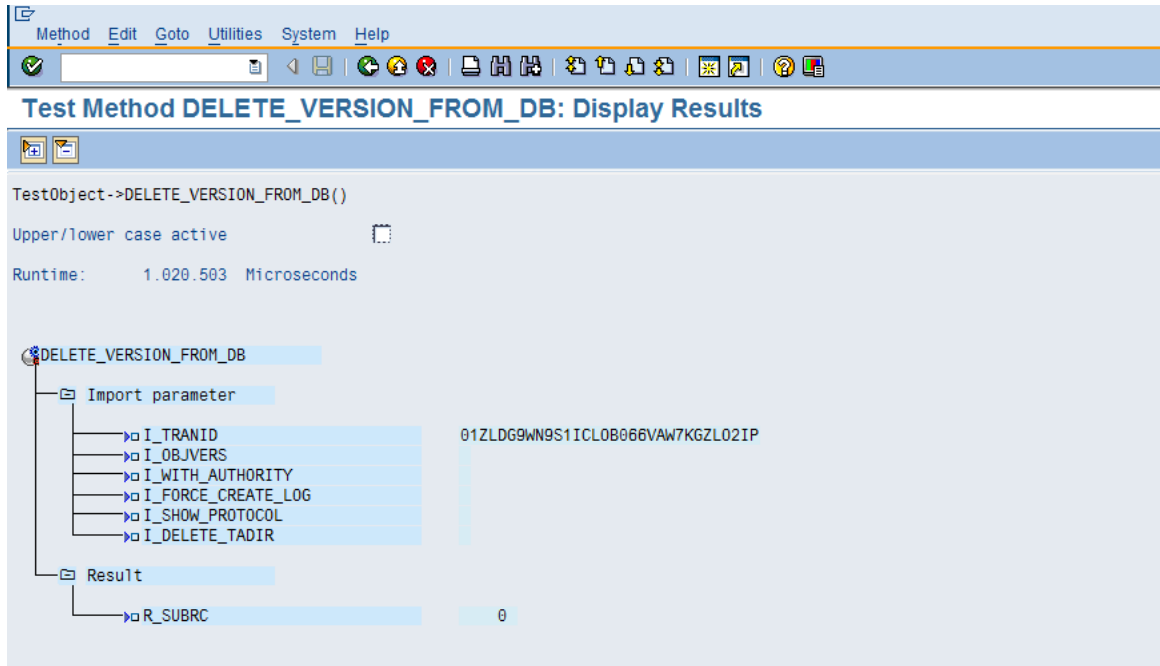


In this case,

**I\_TRANID = 01ZLDG9WN9S1ICLOB066VAW7KGZLO2IP (Inactive Transformation ID)**



Execute the method DELETED\_VERSION\_FROM\_DB



On going with successful execution of the method DELETED\_VERSION\_FROM\_DB with result R\_SUBRC = 0, the Inactive transformation (01ZLDG9WN9S1ICLOB066VAW7KGZLO2IP) gets deleted in Quality environment .

Upon verifying the data flow for 0MATERIAL in Quality environment, we can observe that the Inactive transformations are deleted and left with only active flow as required.

Material	0MATERIAL	Change	InfoObjects
Material (Hierarchies)	HIERARCHIES 0MATERIAL	Maintain Hierar...	InfoSources
Material (Attribute)	ATTRIBUTES 0MATERIAL	Manage	InfoSources
from CRM Prod. Attr. 2 for OCQ Client 130	0CRM_PROD_2_ATTR OCQCLNT130	Change	
TRCS 0MATERIAL_ATTR -> IOBJ 0MATERIAL	0FP0WHYSN1V5TV10CM6CNNGQVRIOWHNN	Change	
Material (attributes)	0MATERIAL_ATTR	Change	InfoSources
RSDS 0MATERIAL_ATTR ODQCLNT130 -> TRCS 0MATERIAL_ATTR	05L1K77ZWH4P8KEROT4EU91ISFUWEGJ9	Change	
Data Transfer Processes	ATTRIBUTES 0MATERIAL	Create Data Tra...	

## **Related Content**

<http://forums.sdn.sap.com/thread.jspx?threadID=1725724>

<http://forums.sdn.sap.com/thread.jspx?threadID=1504464>

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