

How to Restart a Failed Process Chain if Repeat Option is not Applicable



Applies to:

SAP NetWeaver Business Warehouse (formerly BI). This will also work on SAP BI 3.5. For more information, visit the [Business Objects homepage](#).

Summary

Sometimes the process chain fails at particular step due to some kind of error and the Repeat option also will not be applicable for the failed process. This article explains the steps complete the process chain and get the issue resolved.

Author: Pravin P. Ghadge.

Company: Accenture Services Pvt. Ltd.

Created on: 22, April 2011.

Author Bio



Pravin P. Ghadge is a SAP BI Consultant currently working with Accenture Services Private Limited. He has over five years of experience in various BW/BI implementation and support projects.

Table of Contents

Introduction	3
Business Scenario	3
Step by Step Solution.....	4
Finding the Variants and Instance of the Failed Process	5
Report to Execute Process Chain	7
Related Content.....	8
Disclaimer and Liability Notice.....	9

Introduction

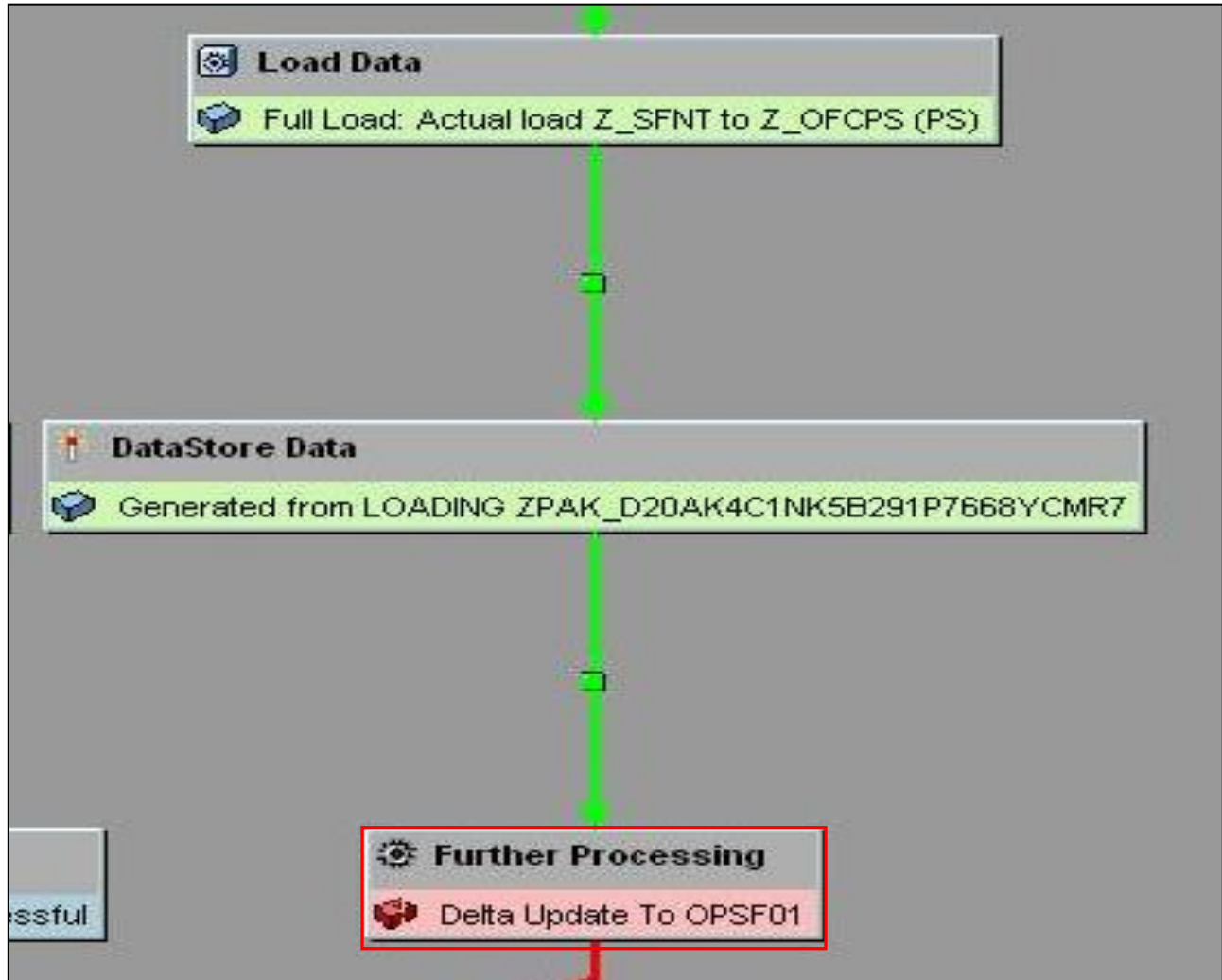
Sometimes the process chain fails at particular step due to some kind of error and the “Repeat” option also will not be applicable for the failed process. This article explains the steps for how to complete the process chain and get the issue resolved.

Business Scenario

- Data is loaded from R3 to BI using process chain. Variants involved in process chain are to load data from R3 to different InfoProviders in BI.
- Data is loaded successfully in one of the DSO (Z_OFPCPS), but the process chain failed while further data load to next DSO (Z_OPSF01).
- This is because while doing the delta update, there are some erroneous records found and the process chain failed.
- Manual corrections are made on the erroneous records and uploaded data manually in the DSO (Z_OPSF01).
- The process chain is restarted from the One Step Ahead where it was failed as the manual corrections are done and loaded data. Therefore, that step has to be skipped. (Also as process chain contains many steps to be executed, and doing it manually is not a best practice.)

Step by Step Solution

The process chain fails at the step below while loading data into InfoProvider (marked in red box).

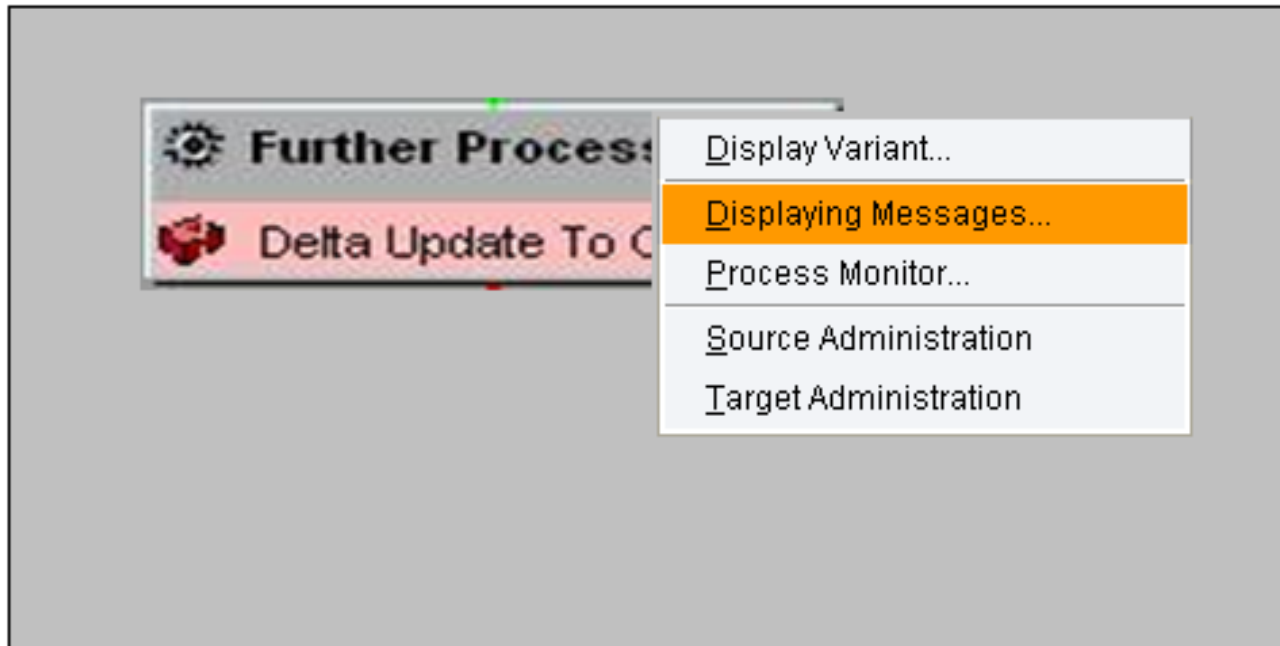


Process chain failure at this step is due to the erroneous records. It is necessary to manually correct it and load data manually into the respective InfoProviders.

Once the data is loaded successfully at this step, start the process chain from next step onward as this step is not required to execute again.

Finding the Variants and Instance of the Failed Process

Right-click the failed process. Select the **Displaying Messages** option.



It will open the screen as below.

Process Backg Chain

Start

On: 05/19/2010 At 17:11:10 Time and 316 MS

After Event: RSPROCESS

With Parameter: D28Y3RM7FNDY3DWC4RSY7C2DS

Generated Instance

Type	Update DataStore Object Data (Further Update)	
Variant	Z_OPL001_OPSPF01	Delta Update To OPSPF01
Instance	0DSP_D83TF10PDW4Z45Z5BBGMI2TCY	Delta Update To OPSPF01

End

On: 05/19/2010 At 23:15:05 O'Clk and 321 MS

With Status: Successfully completed

Target Event: RSPROCESS

With Parameter: D28LVK3BE25I32LPA7I8XHL3K

Copy the **Variant** and **Instance** from above screen.

Go to the transaction **SE11**. Select the table – **RSPCPROCESSLOG**.

Put the value for variant and instance received from above screen.

Field	Value	to	Value
LOG_ID		to	
TYPE		to	
EVENT_START		to	
EVENTP_START		to	
JOB_COUNT		to	
BATCHDATE		to	
BATCHTIME	00:00:00	to	00:00:00
BACKLINK_START		to	
VARIANTE	Z_0PL001_0PSF01	to	
INSTANCE	0DSP_D83TF10PDW4Z...	to	
STATE		to	
EVENT_END		to	
EVENTP_END		to	
BACKLINK_END		to	
ACTUAL_STATE		to	
STARTTIMESTAMP		to	
ENDTIMESTAMP		to	

Width of Output List: 250

Execute this, and the value of the other fields is returned: **LOG_ID**, **TYPE**, **BATCHDATE** and **BATCHTIME**.

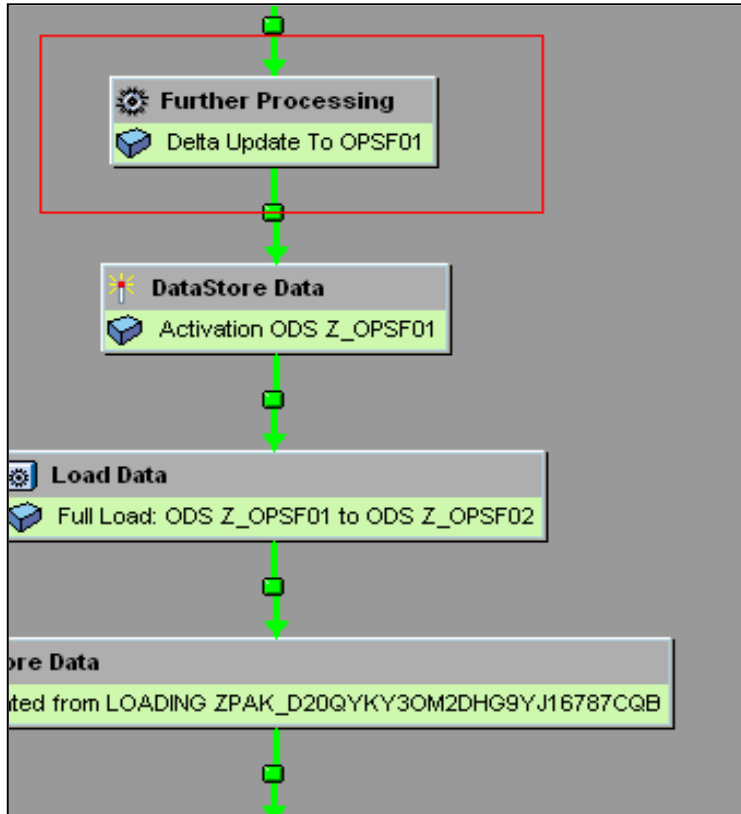
Report to Execute Process Chain

Go to the transaction **SE38**. Enter the program name - **RSPC_PROCESS_FINISH** and execute.

Enter the values in the fields received from above table. Additionally, make the **STATE** as 'G' -> Execute.

Report End of a Process	
LOGID	D83TETSX7LRDQWK5ZK0KMDDEQ
CHAIN	
TYPE	ODSPROCESS
VARIANT	Z_OPL001_OPSPF01
INSTANCE	ODSP_D83TF10PDW4Z45Z5BBGM12TCY
STATE	G
JOB COUNT	
BATCH DAT	05/19/2010
BATCH TIM	17:10:01
EVENT NO	

Once the program is executed with all mandatory fields as described above, it will move the process chain to the next step. And the process chain execution will start from that step as below screenshot. Also it will mark the previously failed step as green.



The next data load can be done smoothly.

Related Content

For more information, visit the [Business Objects homepage](#).

Disclaimer and Liability Notice

This document may discuss sample coding or other information that does not include SAP official interfaces and therefore is not supported by SAP. Changes made based on this information are not supported and can be overwritten during an upgrade.

SAP will not be held liable for any damages caused by using or misusing the information, code or methods suggested in this document, and anyone using these methods does so at his/her own risk.

SAP offers no guarantees and assumes no responsibility or liability of any type with respect to the content of this technical article or code sample, including any liability resulting from incompatibility between the content within this document and the materials and services offered by SAP. You agree that you will not hold, or seek to hold, SAP responsible or liable with respect to the content of this document.