

Changes follow up: factoring FIAR error stacks

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 - In transformation ODSO DPFIAR03 -> TRCS IB_FIAR_03:
 - Remove object C_ERRORM in infosources IB_FIAR_02 and IB_FIAR_03:
 - Change error handling mode in DTP from DPFIAR03:
 - Remove error DTP loading in FIAR Factoring Process Chains:

General presentation

Objective of the change

This change consists to:

- remove the code in the transformations that was used to put in error stack the lines when the original document was not found in "Affiliate" DSO.
- remove the error DTP in the process chains

The error stacks were very useful at the beginning of CAMS projects in order to easily identify and reprocess the lines for particular cases that were not well handled in ECC or BW. Now, for most of the line items, if the original document can't be found, there is no current solution in order to solve it, so error stack is constantly growing. An entry put in the error stack is now also loaded in the target DSO but without Affiliate data (and without Affiliate logsys) so it is easy to identified anomalies in the Business layer DSO without the need of the error stack.

Moreover, the main objective of the error DTPs was to reprocess documents when the original documents can't be found due to unsynchronisation between CICC loading and ERP RCS/Solvay/Acetow loading or due to unsynchronisation between standard tables and ZZF_BSEG tables. However, now, when there is a delta in an "Affiliate" DSO, the corresponding CICC lines on the same factoring contract are automatically reprocessed, so the error stacks are not required anymore.

Changes description

Landscape dependent rules:

FIAR: Line Item - Acetow Factorin	DBFIAR17
TRCS IB_FIAR_02 -> ODSO [0N7FLQ13QDPWK4...	
Data Transfer Processes	DBFIAR17
Data Flow Upwards	_DATAFLOW_UPW...
FIAR: Line Item - Rhodia Factorin	DBFIAR15
ODSO DBFIAR15 -> ODSO DI0K6NR3WZ1W8L21...	
TRCS IB_FIAR_02 -> ODSO [0NWVPXHYWXS3B...	
Data Transfer Processes	DBFIAR15
Data Flow Upwards	_DATAFLOW_UPW...
FIAR: Line Item - Solvay Factorin	DBFIAR16
TRCS IB_FIAR_02 -> ODSO [0QILBM4M2D161XT...	
Data Transfer Processes	DBFIAR16
Data Flow Upwards	_DATAFLOW_UPW...

In the transformations from Infosource IB_FIAR_02, the following code was removed:

- Start Routine: the error mode (it was depending of the source) is not required anymore, the start routine can be deleted:
 - * Determine the error handling mode (depend of source DSO)
 - CLEAR :
 - w_errorm.
 - LOOP AT SOURCE_PACKAGE ASSIGNING <source_fields>.
 - * Read first line
 - w_errorm = <source_fields>-/bic/c_errorm.
 - EXIT.
 - ENDLOOP.

- Global Routine second part: the global variable w_errorm is deleted:
w_errorm TYPE /bic/oic_errorm.

- End Routine :

- Remove variable w_errorstack:

```
*use Error stack?
```

```
w_errorstack TYPE i,
```

- Determination of w_errorstack is removed:

```
*To determine if the record must be put into error stack in case of  
*error:
```

```
*To not put deletions or before images into error stack
```

```
*(it allows to empty automatically the error stack for doc items
```

```
*that should not be in this flow and to not put in error stack
```

```
*the records that are not on the correct landscape)
```

```
CLEAR w_errorstack.
```

```
IF ( <result_fields>-recordmode = cst_rm_afti OR
```

```
<result_fields>-recordmode = cst_rm_newi )
```

```
*Error mode is initial for the flow from WP1 to not put in error stack
```

```
*when contract changed (for carve out or other exceptionnal operations)
```

```
AND w_errorm IS NOT INITIAL.
```

```
w_errorstack = 1.
```

```
ENDIF.
```

- If Affiliate company code can't be determined from the PRS code, always put in error stack:

Before:

```
IF <result_fields>-/bic/c_compcaf IS INITIAL AND
```

```
w_errorstack IS NOT INITIAL
```

```
.  
*No correspondance in c_compcde
```

```
*The line item is updated in target DSO but should be reprocessed
```

```
*=> put in error stack
```

```
CLEAR monitor_rec.
```

```
monitor_rec-msgid = 'ZWISE'.
```

```
monitor_rec-msgty = 'E'.
```

```
monitor_rec-msgno = '000'.
```

```
monitor_rec-msgv1 =
```

```
'No correspondance in c_compcde for PRS code: '.
```

```
monitor_rec-msgv2 = <result_fields>-/bic/c_cpprsaf.
```

```
"monitor_rec-msgv3 =.
```

```
"monitor_rec-msgv4 =.
```

```
monitor_rec-recno = <result_fields>-record.
```

```
monitor_rec-skipped = 'X'.
```

```
"required to put into error PSA
```

```
APPEND monitor_rec TO MONITOR.
```

```
ENDIF.
```

After:

- IF <result_fields>-/bic/c_compcaf IS INITIAL
* AND w_errorstack IS NOT INITIAL "CBE03-

```
.  
*No correspondance in c_compcde
```

```
*The line item is updated in target DSO but should be reprocessed
```

```
*=> put in error stack
```

```
CLEAR monitor_rec.
```

```
monitor_rec-msgid = 'ZWISE'.
```

```
monitor_rec-msgty = 'E'.
```

```
monitor_rec-msgno = '000'.
```

```
monitor_rec-msgv1 =
```

```
'No correspondance in c_compcde for PRS code: '.
```

```
monitor_rec-msgv2 = <result_fields>-/bic/c_cpprsaf.
```

```
"monitor_rec-msgv3 =.
```

```
"monitor_rec-msgv4 =.
```

```
monitor_rec-recno = <result_fields>-record.
```

```
monitor_rec-skipped = 'X'.
```

```
"required to put into error PSA
```

```
APPEND monitor_rec TO MONITOR.
```

```
ENDIF.
```

- Code in order to put the lines in error stack if no original document found is removed:
ELSE.

```
*Start of Deletion - CBE02
```

```
**To not put deletions or before images into error stack
```

```
** (it allows to empty automatically the error stack for doc items
```

```
** that should not be in this flow and to not put in error stack
```

```

**the records that are not on the correct landscape)
*   IF ( <result_fields>-recordmode = cst_rm_afti OR
*     <result_fields>-recordmode = cst_rm_newi )
**Error mode is initial for the flow from WP1 to not put in error stack
**when contract changed (for carve out or other exceptional operations)
*   AND w_errorm IS NOT INITIAL.
*End of Deletion - CBE02
*Start of Insertion - CBE02

      IF w_errorstack IS NOT INITIAL.
*End of Insertion - CBE02
*If no original doc found, put in error stack and delete the line
  CLEAR monitor_rec.
  monitor_rec-msgid = 'ZWISE'.
  monitor_rec-msgty = 'E'.
  monitor_rec-msgno = '005'.
  monitor_rec-msgv1 = w_dso_erp.
  monitor_rec-msgv2 = <result_fields>-/bic/c_fconnum.
  "monitor_rec-msgv3 =
  "monitor_rec-msgv4 =
  monitor_rec-recho = <result_fields>-record.
  monitor_rec-skipped = 'X'. "required to put into error PSA
  APPEND monitor_rec TO MONITOR.

*Even records put in the error stack must be updated into the target
*   DELETE RESULT_PACKAGE.

      ENDIF.

```

In transformation ODSO DPFIAR03 -> TRCS IB_FIAR_03:

Remove C_ERRORM mapping (= "1"):

The screenshot shows the SAP Transformation Designer interface for the transformation 'ODSO DPFIAR03 -> TRCS IB_FIAR_03'. The source is 'FIAR: Line Item with Delta - CICC (DPFIAR03)' and the target is 'FIAR: Line Items - Factoring - CICC - common rules (IB_FIAR_03)'. The active version is 'Active' and it is executable. The mapping table below shows the field-to-field relationships:

Source Field	Source Description	Target Field	Target Description		
65	OBUS_AREA	Business area	UKEF_KEYS	60	UKEF_KEYS
66	K_COUNTER	Counter	ORECORDMODE	61	ORECORDMODE
67	OSP_GL_TT	Special G/L Transaction Type	C_TXTLGL	62	C_TXTLGL
68	OFI_XARCH	Indicator: Original Document Archived	C_CESSKZ	63	C_CESSKZ
69	OALLOC_NMBR	Allocation Number	C_TCODE	64	C_TCODE
70	C_TXTLGL	Long Description	C_FCONNUM	65	C_FCONNUM
71	C_CESSKZ	Pledging factor	C_CPPRSF	66	C_CPPRSF
72	C_TCODE	Transaction code	OSP_GL_TT	67	OSP_GL_TT
73	OSALESEMPY	Sales Employee	OBUS_AREA	68	OBUS_AREA
74	ODCINDIC	Debit/credit indicator	C_LANDSCP	69	C_LANDSCP
75	OPCOMPANY	Trading partner (Acct doc)	1	70	C_ERRORM
76	C_CUSTID	Customer number	C_FVERS	71	C_FVERS
77	C_FCONNUM	Factoring Contract Number	C_CPPROAF	72	C_CPPROAF

Remove object C_ERRORM in infosources IB_FIAR_02 and IB_FIAR_03:

FIAR: Line Item - Rhodia Factoring Level 2	DBFIAR15
TRCS IB_FIAR_02 -> ODSO DBFIAR15	0NWWVPXHYWXS3B...
FIAR: Line Items - Factoring - CICC - landscape depdt rules	IB_FIAR_02
Transf: IB_FIAR_03 -> IB_FIAR_02	0P4XARFIYVGPAXM...
FIAR: Line Items - Factoring - CICC - common rules	IB_FIAR_03
ODSO DBFIAR01 -> TRCS IB_FIAR_03	06Y6741RYUVQ5Z...
ODSO DBFIAR02 -> TRCS IB_FIAR_03	0012FHOEVL3SV1...
ODSO DBFIAR04 -> TRCS IB_FIAR_03	091FWXKBSEZN26...
ODSO DPFIAR03 -> TRCS IB_FIAR_03	0NYPKB3YUMKE5U...

Change error handling mode in DTP from DPFIAR03:

DTP: DBFIAR04 -> DBFIAR17 Full	DTP_AKLI1L2RFQC.
DTP: DPFIAR03 -> DBFIAR17 Delta	DTP_AKLI1L2RFQC.
DTP: DPFIAR03 -> DBFIAR17 Full	DTP_AKLI1L2RFQC.
Error DTP: DTP: DPFIAR03 -> DBFIAR17 Delta	DTP_AKLI1L2RFQC.
Error DTP: DTP: DPFIAR03 -> DBFIAR17 Full	DTP_AKLI1L2RFQC.
Data Flow Upwards	_DATAFLOW_UPW.
FIAR: Line Item - Rhodia Factoring Level 2	DBFIAR15
TRCS IB_FIAR_02 -> ODSO DBFIAR15	0NWWVPXHYWXS3B.
Data Transfer Processes	DBFIAR15
Copy From: DTP: DPFIAR03 -> DBFIAR15 Full	DTP_B1FNYSNDTM.
DTP: DBFIAR01 -> DBFIAR15 Delta	DTP_AKLI1L2RFQC.
DTP: DBFIAR01 -> DBFIAR15 Full	DTP_AKLI1L2RFQC.
DTP: DPFIAR03 -> DBFIAR15 Delta	DTP_AKLI1L2RFQC.
DTP: DPFIAR03 -> DBFIAR15 Full	DTP_AKLI1L2RFQC.
Error DTP: DTP: DPFIAR03 -> DBFIAR15 Delta	DTP_AKLI1L2RFQC.
Error DTP: DTP: DPFIAR03 -> DBFIAR15 Full	DTP_AKLI1L2RFQC.
Data Flow Upwards	_DATAFLOW_UPW.
FIAR: Line Item - Solvay Factoring Level 2	DBFIAR16
TRCS IB_FIAR_02 -> ODSO DBFIAR16	0QILBM4M2D161XT
Data Transfer Processes	DBFIAR16
DTP: DBFIAR02 -> DBFIAR16 Delta	DTP_AKLI1L2RFQC.
DTP: DBFIAR02 -> DBFIAR16 Full	DTP_AKLI1L2RFQC.
DTP: DPFIAR03 -> DBFIAR16 Delta	DTP_AKLI1L2RFQC.
DTP: DPFIAR03 -> DBFIAR16 Full	DTP_AKLI1L2RFQC.

Before:

Data Transfer Process: DTP: DPFIAR03 -> DBFIAR16 Full

ID: DTP_AKLI1L2RFQC0SG9U4K3PRKTAB

DTP Type: Standard (Can Be Scheduled)

Version: Active | Saved | Inactive, not executable

Extraction | **Update** | Execute

Data Target: DataStore Object
DBFIAR16
FIAR: Line Item - Solvay Factoring Level 2

Error Handling: Update Valid Records, Reporting Possible (Request Green)

Maximum Number of Errors per Pack: 60.000

Changing Error DTPs

After:

Data Transfer Process: DTP: DPFIAR03 -> DBFIAR16 Full

ID: DTP_AKLI1L2RFQC0SG9U4K3PRKTAB

DTP Type: Standard (Can Be Scheduled)

Version: Active | Saved

Extraction | **Update** | Execute




Data Target: DataStore Object
DBFIAR16
FIAR: Line Item - Solvay Factoring Level 2

Error Handling: Update Valid Records, No Reporting (Request Red)

Maximum Number of Errors per Pack: 100

Changing Error DTPs

Remove error DTP loading in FIAP Factoring Process Chains:

•  FIAR: TD - D - Factoring - Acetow (Bus. to Rep. Layer)	PC_FIAR_06
•  FIAR: TD - D - Factoring - RCS (Bus. to Rep. Layer)	PC_FIAR_05
•  FIAR: TD - D - Factoring - Solvay (Bus. to Rep. Layer)	PC_FIAR_04

