

Changes follow up: factoring FIAP error stacks

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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:

▼ FIAP : Line Item Splitted - Acetow Factoring Level 2	DBFIAP07
▶ TRCS IB_FIAP_03 -> ODSO DBFIAP07	ODVSNGI84Q
▶ Data Transfer Processes	DBFIAP07
▶ Data Flow Upwards	_DATAFLOW
▼ FIAP : Line Item Splitted - Rhodia Factoring Level 2	DBFIAP05
▶ TRCS IB_FIAP_03 -> ODSO DBFIAP05	0LHNZZ0LLI1
▶ Data Transfer Processes	DBFIAP05
▶ Data Flow Upwards	_DATAFLOW
▶ FIAP : Line Item Splitted - Rhodia Level 2 - Back Up (Write	DBFIAP99
▼ FIAP : Line Item Splitted - Solvay Factoring Level 2	DBFIAP06
▶ TRCS IB_FIAP_03 -> ODSO DBFIAP06	0DCQWSFRV
▶ Data Transfer Processes	DBFIAP06

In the transformations from Infosource IB_FIAP_03, 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_compcf 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:

```
o IF <result_fields>-/bic/c_compcf 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:

```
IF w_errorstack IS NOT INITIAL.
*End of Insertion - CBE02

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-recno = <result_fields>-record.
monitor_rec-skipped = 'X'. "required to put into error PSA
APPEND monitor_rec TO MONITOR.

```

ENDIF.

In transformation ODSO DPFIAP03 -> TRCS IB_FIAP_06:

Remove C_ERRORM mapping (= "1"):

Source Field	Source Description	Target Field	Target Description
85	C_PLANT	Plant	UPCOMPANY / 1
86	C_MATNR2	Material	C_CLNETDT 72
87	ODOC_NUM	BW: Document Number	1 73
88	ODOC_ITEM	BW: Document Line Number	C_CPPROAF 74

Remove object C_ERRORM in infosources IB_FIAP_03 and IB_FIAP_06:

- FIAP : Line Item Splitted - Acetow Factoring Level 2
 - TRCS IB_FIAP_03 -> ODSO DBFIAP07
 - FIAP: Line Items - Factoring - CICC - landscape depdt. rules
 - TRCS IB_FIAP_06 -> TRCS IB_FIAP_03
 - FIAP: Line Items - Factoring - CICC - common rules
 - ODSO DBFIAP01 -> TRCS IB_FIAP_06

Change error handling mode in DTP from DPFIAP03:

- ▶ DTP: DBFIAP04 -> DBFIAP07 Delta
- ▶ DTP: DBFIAP04 -> DBFIAP07 Full
- ▶ DTP: DPFIAP03 -> DBFIAP07 Delta
- ▶ DTP: DPFIAP03 -> DBFIAP07 Full
- ▶ Error DTP: DTP: DPFIAP03 -> DBFIAP07 Delta
- ▶ Error DTP: DTP: DPFIAP03 -> DBFIAP07 Full
- ▶ Data Flow Upwards
- ▼ FIAP : Line Item Splitted - Rhodia Factoring Level 2
 - ▶ TRCS IB_FIAP_03 -> ODSO DBFIAP05
 - ▼ Data Transfer Processes
 - ▶ DTP: DBFIAP01 -> DBFIAP05 Delta
 - ▶ DTP: DBFIAP01 -> DBFIAP05 Full
 - ▶ DTP: DPFIAP03 -> DBFIAP05 Delta
 - ▶ DTP: DPFIAP03 -> DBFIAP05 Full
 - ▶ Error DTP: DTP: DPFIAP03 -> DBFIAP05 Delta
 - ▶ Data Flow Upwards
- ▶ FIAP : Line Item Splitted - Rhodia Level 2 - Back Up (Write
- ▼ FIAP : Line Item Splitted - Solvay Factoring Level 2
 - ▶ TRCS IB_FIAP_03 -> ODSO DBFIAP06
 - ▼ Data Transfer Processes
 - ▶ Copy From: DTP: DPFIAP03 -> DBFIAP06 Full
 - ▶ DTP: DBFIAP02 -> DBFIAP06 Delta
 - ▶ DTP: DBFIAP02 -> DBFIAP06 Full
 - ▶ DTP: DPFIAP03 -> DBFIAP06 Delta
 - ▶ DTP: DPFIAP03 -> DBFIAP06 Full
 - ▶ Error DTP: Copy From: DTP: DPFIAP03 -> DBFIAP06 Full

Before:

Data Transfer Process	DTP: DPFIAP03 -> DBFIAP06 Delta		
ID	DTP_AKLI1L2RFQC0SGA5G6IO4GU3S		
DTP Type	Standard (Can Be Scheduled)		
Version	<input checked="" type="checkbox"/> Active	<input type="checkbox"/> Saved	<input type="checkbox"/> Inactive, not executable
Delta Status		Active, No Request Y...	
<div style="display: flex; justify-content: space-between; border-bottom: 1px solid black;"> Extraction Update Execute </div>			
Data Target		DataStore Object	
		DBFIAP06	
		FIAP : Line Item Splitted - Solvay Factoring Level 2	
Error Handling		Update Valid Records, Reporting Possible (Request Green)	
	Maximum Number of Errors per Pack.	60.000	
	Displaying Error DTPs		

After:

Data Transfer Process	DTP: DPFIAP03 -> DBFIAP06 Delta		
ID	DTP_AKLI1L2RFQC0SGA5G6IO4GU3S		
DTP Type	Standard (Can Be Scheduled)		
Version	<input checked="" type="checkbox"/>	Active	Saved
Delta Status		Active, No Request Y...	

Extraction | **Update** | Execute

Data Target		DataStore Object
		DBFIAP06
		FIAP : Line Item Split - Solvay Factoring Level 2
Error Handling		Update Valid Records, No Reporting (Request Red)
	Maximum Number of Errors per Pack.	100

Remove error DTP loading in FIAP Factoring Process Chains:

Process Chain	Target	Action
FIAP: TD - D - Factoring - Acetow (Bus. to RPC_FIAP_11	RPC_FIAP_11	Change
FIAP: TD - D - Factoring - RCS (Bus. to Rep. PC_FIAP_10	PC_FIAP_10	Change
FIAP: TD - D - Factoring - Solvay (Bus. to Re PC_FIAP_09	PC_FIAP_09	Change

Process Chain Display Active Version: FIAP: TD - D - Factoring - Solva

