

# Technical Documentation - Fixed Accounting Assets

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## Access Management

### Roles & Access

List of application role + menu role and explanation if we have several applications role with specials rules.

| Role Code     | Role Description    | Explanation        |
|---------------|---------------------|--------------------|
| ZR_RCS_CA_M33 | User Reporting FIAA | role menu          |
| ZBI_FIAA      | Accounting Asset    | Authorization role |

### Authorization Objects

List of authorization objects mandatory for the application.

| Authorization object | Explanation |
|----------------------|-------------|
| 0COMP_CODE           | ZR_*_CA_P01 |
| C_ASSET__C_PFCR1     | ZR_*_CA_P05 |
| C_AUTHMA             | ZR_*_CA_P00 |
| 0COMP_CODE__C_AUTHMA |             |

## DataFlow

### Overview

#### [MPR\\_FAA1](#)

#### [MPR\\_FAA2](#)

## MPR\_FAA3

## MPR\_FAA4

## CPFIAA04

### DSOs / aDSO

- DSO\_FAA2 - FIAA: Annual Values
- DSO\_FAA3 - FIAA: Period Values
- DSO\_FAA1 - FIAA: Transactions
  
- APFIAA04 - FIAA: Period Values - Solvay
- APFIAA02 - FIAA: Transactions - Solvay
- ABFIAA05 - FIAA: Period Values - Solvay Level 2
- ABFIAA06 - FIAA: Transactions - Solvay Level 2

### Cubes

#### WP1:

- CUB\_FAA4 - FIAA : Period Value
- CUB\_FAA2 - FIAA: Annual Value
- CUB\_FAA1 - FIAA: Cumulated Movements
- CUB\_FAA3 - FIAA: Transactions

### Multi Providers / Composites Providers

#### WP1:

- MPR\_FAA3 - Annual Values and Transactions
- MPR\_FAA1 - FIAA: DSO Annual Values and Transactions
- MPR\_FAA2 - FIAA: DSO Period Values and Transactions
- MPR\_FAA4 - FIAA: Period Values and Transactions

#### PF1:

- CPFIAA04: FIAA: Period Values and Transactions

### Main Master Data

- 0ASSET - Asset Sub-number
- C\_ASSET - Asset Sub-number
- C\_ASSET2 - Asset Sub-number
- C\_AT\_AFAB - Depreciation Area Real or Derived
- C\_AT\_AFA2 - Depreciation Area Real or Derived (not compound)


### Main Extractors

- 0FI\_AA\_11 - FI-AA: Transactions


| Field Attributes |            |                      |      |                                     |           |      |         |          |                          |                          |
|------------------|------------|----------------------|------|-------------------------------------|-----------|------|---------|----------|--------------------------|--------------------------|
| Pos.             | Field      | Descript.            | D... | T..                                 | Data type | Lngh | Deci... | Exter... | L..                      | K..                      |
| 1                | BUKRS      | Company Code         |      | <input checked="" type="checkbox"/> | CHAR      | 4    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 2                | ANLN1      | Asset                |      | <input checked="" type="checkbox"/> | CHAR      | 12   | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 3                | ANLN2      | Subnumber            |      | <input checked="" type="checkbox"/> | CHAR      | 4    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 5                | FISCPER    | Fiscal year/period   |      | <input checked="" type="checkbox"/> | NUMC      | 7    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 6                | LNRAN      | Sequence Number      |      | <input checked="" type="checkbox"/> | NUMC      | 5    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 7                | AFABER     | Deprec. area         |      | <input checked="" type="checkbox"/> | NUMC      | 2    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 8                | BWASL      | Trans. Type          |      | <input checked="" type="checkbox"/> | CHAR      | 3    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 9                | WAERS      | Currency             |      | <input checked="" type="checkbox"/> | CUKY      | 5    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 10               | PERIV      | Fi.Year Variant      |      | <input checked="" type="checkbox"/> | CHAR      | 2    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 11               | BW_ANSBW_T | Acq.Value for Tra... |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 12               | BW_INVBW_T |                      |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 13               | BW_NAFAB_T | O.dep. on trans      |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 14               | BW_SAFAB_T | S.dep. on trans      |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 15               | BW_AAFAB_T | Unpl.Dep.on Tra...   |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 16               | BW_MAFAB_T | Transf.of Reserves   |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 17               | BW_ZINSB_T | Int. on trans.       |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 18               | BW_AUFBW_T |                      |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 19               | BW_AUFNP_T | Reval.Ord. Dep.T...  |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 20               | BW_NAFAW_T | Tr:Acc.dep/wr-u...   |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 21               | BW_SAFAW_T | Tr:Acc.dep/wr-u...   |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 22               | BW_AFAW_T  | Acc.Dep./Write-u...  |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 23               | BW_MFAW_T  | Tr:Acc.Dep./Wr...    |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 24               | BW_AUWWW_T | Acc.dep.on reval...  |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 25               | BW_AUFNW_T | Acc.dep/reval.de...  |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 26               | BW_INVZW_T | Acc.dep.on inv.s...  |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 27               | ERLBT      | Retmt. revenue       |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 28               | VERKO      | Ret. costs           |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 29               | MINERL     | Loss                 |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |
| 30               | MEHERL     | Gain                 |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/> |


- OFI\_AA\_12 - FI-AA: Posted Depreciation

DataSource  OFI\_AA\_12 FI-AA: Pstd Deprecs.

Source System  WP1\_400 WP1 Client 400




















Version  Active

 Compare with...

Active Version Executable  Edited Version

General Info. Extraction Fields

Field Attributes

| Pos. | Field      | Descript.            | D...  | T..                                 | Data type | Lngh | Deci... | Exter... | C..                      | K..                                 | Con.. |
|------|------------|----------------------|---|-------------------------------------|-----------|------|---------|----------|--------------------------|-------------------------------------|-------|
| 1    | BUKRS      | Company Code         |    | <input checked="" type="checkbox"/> | CHAR      | 4    | 0       | 0        | <input type="checkbox"/> | <input checked="" type="checkbox"/> |       |
| 2    | ANLN1      | Asset                |    | <input checked="" type="checkbox"/> | CHAR      | 12   | 0       | 0        | <input type="checkbox"/> | <input checked="" type="checkbox"/> |       |
| 3    | ANLN2      | Sub-number           |    | <input checked="" type="checkbox"/> | CHAR      | 4    | 0       | 0        | <input type="checkbox"/> | <input checked="" type="checkbox"/> |       |
| 4    | AFABER     | Deprec. area         |    | <input checked="" type="checkbox"/> | NUMC      | 2    | 0       | 0        | <input type="checkbox"/> | <input checked="" type="checkbox"/> |       |
| 5    | WAERS      | Currency             |    | <input checked="" type="checkbox"/> | CUKY      | 5    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 6    | FISCPER    | Fiscal year/period   |    | <input checked="" type="checkbox"/> | NUMC      | 7    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 7    | PERIV      | Fi. Year Variant     |    | <input checked="" type="checkbox"/> | CHAR      | 2    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 8    | BW_KNAFA_P | Per.St: Acc.Ord.Dep  |    | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 9    | BW_KSAFA_P | Per: Acc.Spec.Dep.   |    | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 10   | BW_KAAFA_P | Period:Acc.Unpl.Dep. |    | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 11   | BW_KMAFA_P | Per: Ac.Res.Transfer |    | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 12   | BW_KAUFN_P | Cum.reval.O.dep      |   | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 13   | BW_KAUFW_P | Cum.reval.of RV      |  | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 14   | BW_KZINS_P | Interest posted      |  | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 15   | BW_NAFAG_P | Per:Pstd ord.dep.    |  | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 16   | BW_SAFAG_P | Per: Pstd spec.dep.  |  | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 17   | BW_AAFAG_P | Per: Pstd Unpl.Dep.  |  | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 18   | BW_MAFAG_P | Per:Post.Trans.Res.  |  | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 19   | BW_AUFNG_P | Pst.rev.cumOdep      |  | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 20   | BW_AUFWG_P | Reval. posted        |  | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 21   | BW_ZINSG_P | Interest posted      |  | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 22   | KOKRS      | CO Area              |  | <input checked="" type="checkbox"/> | CHAR      | 4    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 23   | KOSTL      | Cost Center          |  | <input checked="" type="checkbox"/> | CHAR      | 10   | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 24   | FKBER      | Functional Area      |  | <input checked="" type="checkbox"/> | CHAR      | 16   | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 25   | CAUFN      | Int. order           |  | <input checked="" type="checkbox"/> | CHAR      | 12   | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 26   | EAUFN      | Order                |  | <input checked="" type="checkbox"/> | CHAR      | 12   | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |
| 27   | IAUFN      | Maintnce order       |  | <input checked="" type="checkbox"/> | CHAR      | 12   | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |       |

|    |             |                 |  |                                     |      |    |   |   |                          |                          |
|----|-------------|-----------------|--|-------------------------------------|------|----|---|---|--------------------------|--------------------------|
| 28 | FISTL       | Funds center    |  | <input checked="" type="checkbox"/> | CHAR | 16 | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |
| 29 | PS_PSP_PNR  | WBS Element     |  | <input checked="" type="checkbox"/> | NUMC | 8  | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |
| 30 | SIM         |                 |  | <input checked="" type="checkbox"/> | CHAR | 1  | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |
| 31 | GEBER       | Fund            |  | <input checked="" type="checkbox"/> | CHAR | 10 | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |
| 32 | GRANT_NBR   | Grant           |  | <input checked="" type="checkbox"/> | CHAR | 20 | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |
| 33 | GEBER2      | Fund            |  | <input checked="" type="checkbox"/> | CHAR | 10 | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |
| 34 | FKBER2      | Functional Area |  | <input checked="" type="checkbox"/> | CHAR | 16 | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |
| 35 | GRANT_NBR2  | Grant           |  | <input checked="" type="checkbox"/> | CHAR | 20 | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |
| 36 | FISTL2      | Funds Center    |  | <input checked="" type="checkbox"/> | CHAR | 16 | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |
| 37 | IMKEY       | Real Estate Key |  | <input checked="" type="checkbox"/> | CHAR | 8  | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |
| 38 | PS_PSP_PNR2 | WBS Element     |  | <input checked="" type="checkbox"/> | NUMC | 8  | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |
| 39 | BUDGET_PD   | Budget Period   |  | <input checked="" type="checkbox"/> | CHAR | 10 | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |
| 40 | BUDGET_PD2  | Budget Period   |  | <input checked="" type="checkbox"/> | CHAR | 10 | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |
| 41 | SEGMENT     | Segment         |  | <input checked="" type="checkbox"/> | CHAR | 10 | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |
| 42 | PRCTR       | Profit Center   |  | <input checked="" type="checkbox"/> | CHAR | 10 | 0 | 0 | <input type="checkbox"/> | <input type="checkbox"/> |

- 0ASSET\_AFAB\_ATTR - Depreciation Area Real or Derived

| Field Attributes |              |                 |      |                                     |           |      |         |          |                          |                                     |
|------------------|--------------|-----------------|------|-------------------------------------|-----------|------|---------|----------|--------------------------|-------------------------------------|
| Pos.             | Field        | Descript.       | D... | T..                                 | Data type | Lngh | Deci... | Exter... | L..                      | K..                                 |
| 1                | BUKRS        | Company Code    |      | <input checked="" type="checkbox"/> | CHAR      | 4    | 0       | 0        | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2                | ANLN1        | Asset           |      | <input checked="" type="checkbox"/> | CHAR      | 12   | 0       | 0        | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3                | ANLN2        | Subnumber       |      | <input checked="" type="checkbox"/> | CHAR      | 4    | 0       | 0        | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4                | AFABER       | Deprec. area    |      | <input checked="" type="checkbox"/> | NUMC      | 2    | 0       | 0        | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5                | AFABG        | Ord.dep.Start   |      | <input checked="" type="checkbox"/> | DATS      | 8    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 6                | ZINBG        | Int.calc.start  |      | <input checked="" type="checkbox"/> | DATS      | 8    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 7                | SAFBG        | Spec.dep.start  |      | <input checked="" type="checkbox"/> | DATS      | 8    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 8                | AFASL        | Dep. key        |      | <input checked="" type="checkbox"/> | CHAR      | 4    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 9                | NDJAR        | Useful life     |      | <input checked="" type="checkbox"/> | NUMC      | 3    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 10               | NDPER        | Periods         |      | <input checked="" type="checkbox"/> | NUMC      | 3    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 11               | KTANSW       | Bal.sh.acct APC |      | <input checked="" type="checkbox"/> | CHAR      | 10   | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 12               | KTOPL        | Chart of Accts  |      | <input checked="" type="checkbox"/> | CHAR      | 4    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 18               | ZZNDABJ_LY   | Exp. usefl life |      | <input checked="" type="checkbox"/> | NUMC      | 3    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 19               | ZZNDABJ_CY   | Exp. usefl life |      | <input checked="" type="checkbox"/> | NUMC      | 3    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 20               | ZZNDABP_LY   | Expired UL per. |      | <input checked="" type="checkbox"/> | NUMC      | 3    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 21               | ZZNDABP_CY   | Expired UL per. |      | <input checked="" type="checkbox"/> | NUMC      | 3    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 22               | ZZUMJAR      | Changeover year |      | <input checked="" type="checkbox"/> | NUMC      | 4    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 23               | ZZSCHRW      | Scrap value     |      | <input checked="" type="checkbox"/> | CURR      | 13   | 2       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 24               | ZZSCHRW_PROZ | Scrap Value %   |      | <input checked="" type="checkbox"/> | DEC       | 14   | 11      | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |
| 25               | ZZWAERS      | Currency        |      | <input checked="" type="checkbox"/> | CUKY      | 5    | 0       | 0        | <input type="checkbox"/> | <input type="checkbox"/>            |

Reporting documentation drive folder:

<https://drive.google.com/drive/folders/0B0qn89R0RGdqYkZZOFZyYXlXVKE>

Exemple of dataflow overview :

## Technical Rules on Workbench

### Rhodia

#### Transformation: 0FI\_AA\_11 -> DSO\_FAA1

Start routine: extraction from master data C\_ASSET in internal table itb\_asset in function of fields from package (c\_compcde, c\_at\_main, c\_asset, dato).

Field routine: OPLANT is determined with a look up in itb\_asset with source field fields BURKS (company code), ANLN1 (C\_AT\_MAIN) and ANLN2 (C\_ASSET). If correspondance found in internal table, take the plant if not, plant is empty.

#### Transformation: DSO\_FAA1 -> DSO\_FAA2

Start routine: In source fields, we have two type of key figures ("TR" and "YR"). In function of the Asset Transaction Type (transtype) we assigned the differents key figures in one target to have in result fields only "TR" key figures.

If transtype = 'CUM' we assigned the "YR" key figures in "TR" key figures, example: <source\_fields>-acq\_val\_tr TO wa\_trans-cacq\_vl\_yr.

If transtype = 'PNL' we keep the assignation "TR" "TR", example: <source\_fields>-acq\_val\_tr TO wa\_trans-acq\_val\_tr.

#### Transformation: DSO\_FAA1 -> DSO\_FAA3

Start routine: take only source data where transtype <> 'PLN'.

Check if for each record a period exists, if not calculate the period.

Same principle as Transformation: DSO\_FAA1 -> DSO\_FAA2, we regroup different key figures in same key figures "TR" but here not in function of TRANSTYPE but FISCPER.

```

IF ld_period = '000'.
  accumulated APC of prior years
  ls_kum-cacq_vl_yr = ls_in-acq_val_tr.
  accumulated investment support of prior years
  ls_kum-cinv_gr_yr = ls_in-inv_sup_tr.
  depreciation
  ls_kum-cor_dep_yr = ls_in-ord_dep_tr.
  ls_kum-csp_dep_yr = ls_in-spc_dep_tr.
  ls_kum-cup_dep_yr = ls_in-upl_dep_tr.
  ls_kum-cres_tr_yr = ls_in-res_trf_tr.
  revaluation
  ls_kum-crev_rv_yr = ls_in-reval_tr.
  ls_kum-crev_od_yr = ls_in-rev_odp_tr.
  interest
  ls_kum-cinter_yr = ls_in-interst_tr.
ELSE.
  MOVE-CORRESPONDING ls_kum TO ls_out.
  ls_out-fiscper = ls_in-fiscper.
  APC of period
  ls_out-acq_val_tr = ls_in-acq_val_tr.
  investment sup. of period
  ls_out-inv_sup_tr = ls_in-inv_sup_tr.
  proportional values of period
  ls_out-va_invs_tr = ls_in-va_invs_tr.
  ls_out-vaw_odp_tr = ls_in-vaw_odp_tr.
  ls_out-vaw_sdp_tr = ls_in-vaw_sdp_tr.
  ls_out-vaw_udp_tr = ls_in-vaw_udp_tr.
  ls_out-vaw_avr_tr = ls_in-vaw_avr_tr.
  ls_out-va_rapc_tr = ls_in-va_rapc_tr.
  ls_out-va_rodpc_tr = ls_in-va_rodpc_tr.
  APPEND ls_out TO SOURCE_PACKAGE.
  set accumulated values for next datasets.
  ADD ls_out-acq_val_tr TO ls_kum-cacq_vl_yr.
  ADD ls_out-inv_sup_tr TO ls_kum-cinv_gr_yr.
  add proportional values of current period to acc. values
  inv-support
  ADD ls_out-va_invs_tr TO ls_kum-cinv_gr_yr.
  depreciations
  ADD ls_out-vaw_odp_tr TO ls_kum-cor_dep_yr.
  ADD ls_out-vaw_sdp_tr TO ls_kum-csp_dep_yr.
  ADD ls_out-vaw_udp_tr TO ls_kum-cup_dep_yr.
  ADD ls_out-vaw_avr_tr TO ls_kum-cres_tr_yr.
  revaluation
  ADD ls_out-va_rapc_tr TO ls_kum-crev_rv_yr.
  ADD ls_out-va_rodpc_tr TO ls_kum-crev_od_yr.

```

**Transformation: 0FI\_AA\_12 -> DSO\_FAA3**

Start routine: Check if for each record a period exists, if not calculate the period.

extraction from master data C\_ASSET in internal table itb\_asset in function of fields from package (c\_compcde, c\_at\_main, c\_asset, dato).

Field routine: 0PLANT is determined with a look up in itb\_asset with source field fields BURKS (company code), ANLN1 (C\_AT\_MAIN) and ANLN2 (C\_ASSET). If correspondance found in internal table, take the plant if not, plant is empty.

### **Transformation: DSO\_FAA1 -> CUB\_FAA1**

Start routine: extraction from master data C\_ASSET & C\_AT\_AFAB in internal table itb\_asset & itb\_afab in function of fields from package (c\_compcde, c\_at\_main, c\_asset, (dato & datefrom for C\_ASSET)).

#### Field routines:

0ASSET\_CLAS: field "asset\_clas" determined with a look up in itb\_asset with source field fields COMP\_CODE, C\_AT\_MAIN and C\_ASSET.

0CHRT\_ACCTS: field " chrt\_accts" determined with a look up in itb\_afab with source field fields COMP\_CODE, C\_AT\_MAIN, C\_ASSET and C\_AT\_AFAB.

0BALSHA\_APC: field " balsha\_apc" determined with a look up in itb\_afab with source field fields COMP\_CODE, C\_AT\_MAIN, C\_ASSET and C\_AT\_AFAB.

0CO\_AREA: field "co\_area" determined with a look up in itb\_asset with source field fields COMP\_CODE, C\_AT\_MAIN and C\_ASSET.

C\_COSTCTR: field "c\_costctr" determined with a look up in itb\_asset with source field fields COMP\_CODE, C\_AT\_MAIN and C\_ASSET.

#### Key figures:

0INV\_SUP\_TR = INV\_SUP\_TR + VA\_INVS\_TR

0ORD\_DEP\_TR = ORD\_DEP\_TR + VAW\_ODP\_TR

0RES\_TRF\_TR = RES\_TRF\_TR + VAW\_AVR\_TR

REVAL\_TR + VA\_RAPC\_TR = REVAL\_TR + VA\_RAPC\_TR

0REV\_ODP\_TR = REV\_ODP\_TR + VA\_RODP\_TR

0SPC\_DEP\_TR = SPC\_DEP\_TR + VAW\_SDP\_TR

0UPL\_DEP\_TR = UPL\_DEP\_TR + VAW\_UDP\_TR

### **Transformation: DSO\_FAA2 -> CUB\_FAA2**

Start routine: extraction from master data C\_ASSET & C\_AT\_AFAB in internal table itb\_asset & itb\_afab in function of fields from package (c\_compcde, c\_at\_main, c\_asset, (dato & datefrom for C\_ASSET)).

#### Field routines:

0CHRT\_ACCTS: field " chrt\_accts" determined with a look up in itb\_afab with source field fields COMP\_CODE, C\_AT\_MAIN, C\_ASSET and C\_AT\_AFAB.

0BALSHA\_APC: field " balsha\_apc" determined with a look up in itb\_afab with source field fields COMP\_CODE, C\_AT\_MAIN, C\_ASSET and C\_AT\_AFAB.

0CO\_AREA: field "co\_area" determined with a look up in itb\_asset with source field fields COMP\_CODE, C\_AT\_MAIN and C\_ASSET.

C\_COSTCTR: field "c\_costctr" determined with a look up in itb\_asset with source field fields COMP\_CODE, C\_AT\_MAIN and C\_ASSET.

## **Solvay**

### **RSDS 0FI\_AA\_12 PF1\_020 -> ADSO APFIAA04**

Start routine: extraction from master data C\_ASSET2 in internal table LT\_C\_ASSET2 in function of fields from package (c\_compcde, c\_at\_man2, c\_asset2, dato = 99991231).

Field routine: C\_MGN\_ACC is determined with a look up in LT\_C\_ASSET2 with source field fields BURKS (company code), ANLN1 (C\_AT\_MAN2) and ANLN2 (C\_ASSET2). If correspondance found in intenal table, take the C\_MGN\_ACC.

0FIAA\_SIM : equal source field SIM only if he is not equal to 'N'.

### **ADSO APFIAA04 -> ADSO ABFIAA05**

Field routine: C\_RECONTR = C\_RECONTR from master data C\_ASSET2 in function of company code, c\_at\_man2 and c\_asset2.

Calmonth, calquarter... determined in function of fiscal period.

**RSDS 0FI\_AA\_11 PF1\_020 -> ADSO APFIAA02**

Start routine: extraction from master data C\_ASSET2 in internal table LT\_C\_ASSET2 in function of fields from package (c\_compcode, c\_at\_man2, c\_asset2, dato = 99991231).

Field routine: C\_MGN\_ACC is determined with a look up in LT\_C\_ASSET2 with source field fields BURKS (company code), ANLN1 (C\_AT\_MAN2) and ANLN2 (C\_ASSET2). If correspondance found in intenal table, take the C\_MGN\_ACC.

EVALGROUP5 is determined with a look up in LT\_C\_ASSET2 with source field fields BURKS (company code), ANLN1 (C\_AT\_MAN2) and ANLN2 (C\_ASSET2) and dateto = 99991231 If correspondance found in intenal table, take the evalgroup5.

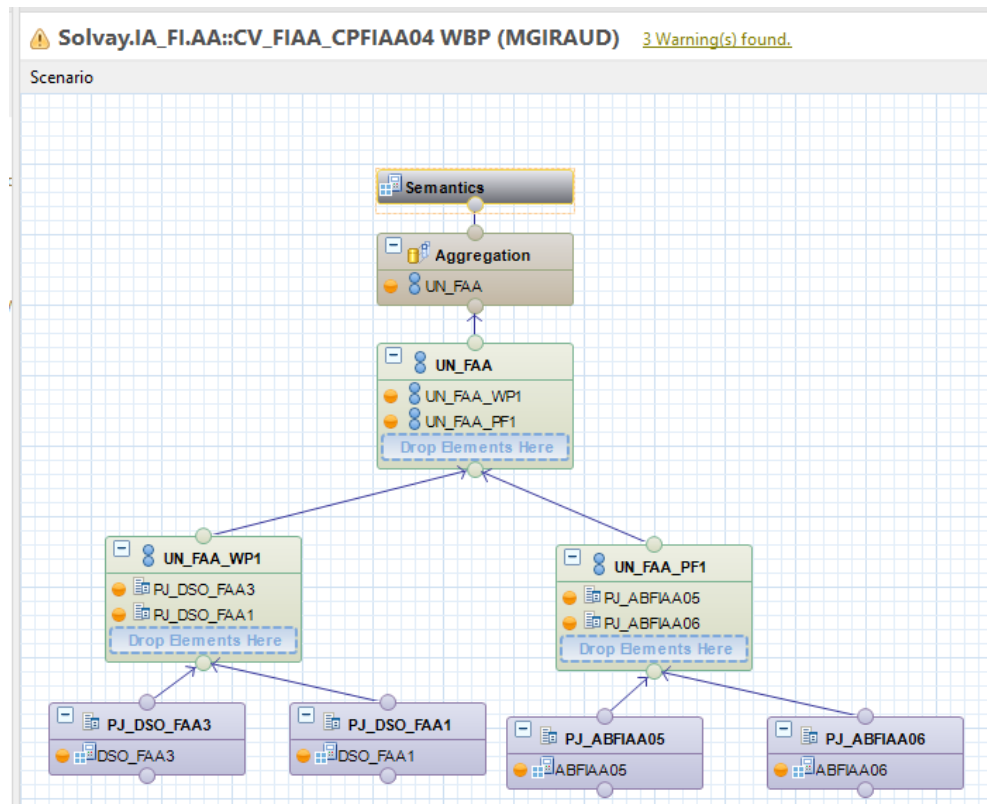
**ADSO APFIAA02 -> ADSO ABFIAA06**

Field routine: C\_RECONTR = C\_RECONTR from master data C\_ASSET2 in function of company code, c\_at\_man2 and c\_asset2.

Calmonth, calquarter... determined in function of fiscal period.

**Rhodia + Solvay**

In calculation view CV\_FIAA\_CPFIAA04 (used in CPFIAA04) an union is done with DSO\_FAA3 & DSO\_FAA1, another union is done between ABFIAA05 & ABFIAA06. Then another union is done with the two previous unions.



**Reporting**

| Multi Provider / composite | Query name           | Description   |
|----------------------------|----------------------|---|
| CPFIAA04                   | BW_QRY_CPFIAA04_0001 | FIAA - WP1/PF1 Detailed Eval. Accounting Grid - Posted dep. |

|          |                              |  |
|----------|------------------------------|--|
| MPR_FAA2 | BW_QRY_MPR_FAA2_0001         | FIAA Asset History Sheet (for Dep)                           |
|          | BW_QRY_MPR_FAA2_0003         | FIAA Asset Balance (S_ALR_87011963) (Core)                   |
|          | BW_QRY_MPR_FAA2_0004         | FIAA AuC not yet brought into service (Core)                 |
|          | BW_QRY_MPR_FAA2_1001         | FIAA Balance Sheet by Flow (WB & BD)                         |
|          | BW_QRY_MPR_FAA2_1002         | FIAA Acquisition by CGU and Sites (WorkB)                    |
|          | BW_QRY_MPR_FAA2_1003         | FIAA Fixed Assets Closing Bal. by CGU (BroadC)               |
|          | BW_QRY_MPR_FAA2_1004         | FIAA Detailed Evaluation Accounting Grid (Core)              |
| MPR_FAA4 | BW_QRY_MPR_FAA4_1002         | FIAA FC L6710 Acqui. by CGU and Sites (Core)                 |
|          | BW_QRY_MPR_FAA4_1004         | FIAA Detailed Eval. Accounting Grid - Posted dep. (WorkB)    |
|          | BW_QRY_MPR_FAA4_1005         | FIAA AuC not yet brought into service (Core)                 |
|          | BW_QRY_MPR_FAA4_1007         | FIAA Five-yearly Inventory Report (Core)                     |
|          | BW_QRY_MPR_FAA4_1011         | FIAA FC L3005 Bal. Sheet by Flow (WorkB)                     |
|          | BW_QRY_MPR_FAA4_1013_WBK_RSA | FIAA FC L6720 Fixed Assets Closing Bal. CGU RSA (WorkB)      |
|          | BW_QRY_MPR_FAA4_1014         | FIAA Report Insurance Values (Core)                          |
|          | BW_QRY_MPR_FAA4_1015         | FIAA FC L3005 Bal. Sheet by Flow - Posted dep. (Core)        |
|          | BW_QRY_MPR_FAA4_1016         | FIAA FC L3005 Bal. Sheet by Flow - Planned dep. (Core)       |
|          | BW_QRY_MPR_FAA4_1018         | FIAA FC L6720 Fixed Assets Closing Bal. by CGU - Planned dep |
|          | BW_QRY_MPR_FAA4_1019         | FIAA Detailed Evaluation Accounting Grid - Planned (Core)    |

**Queries role menu**

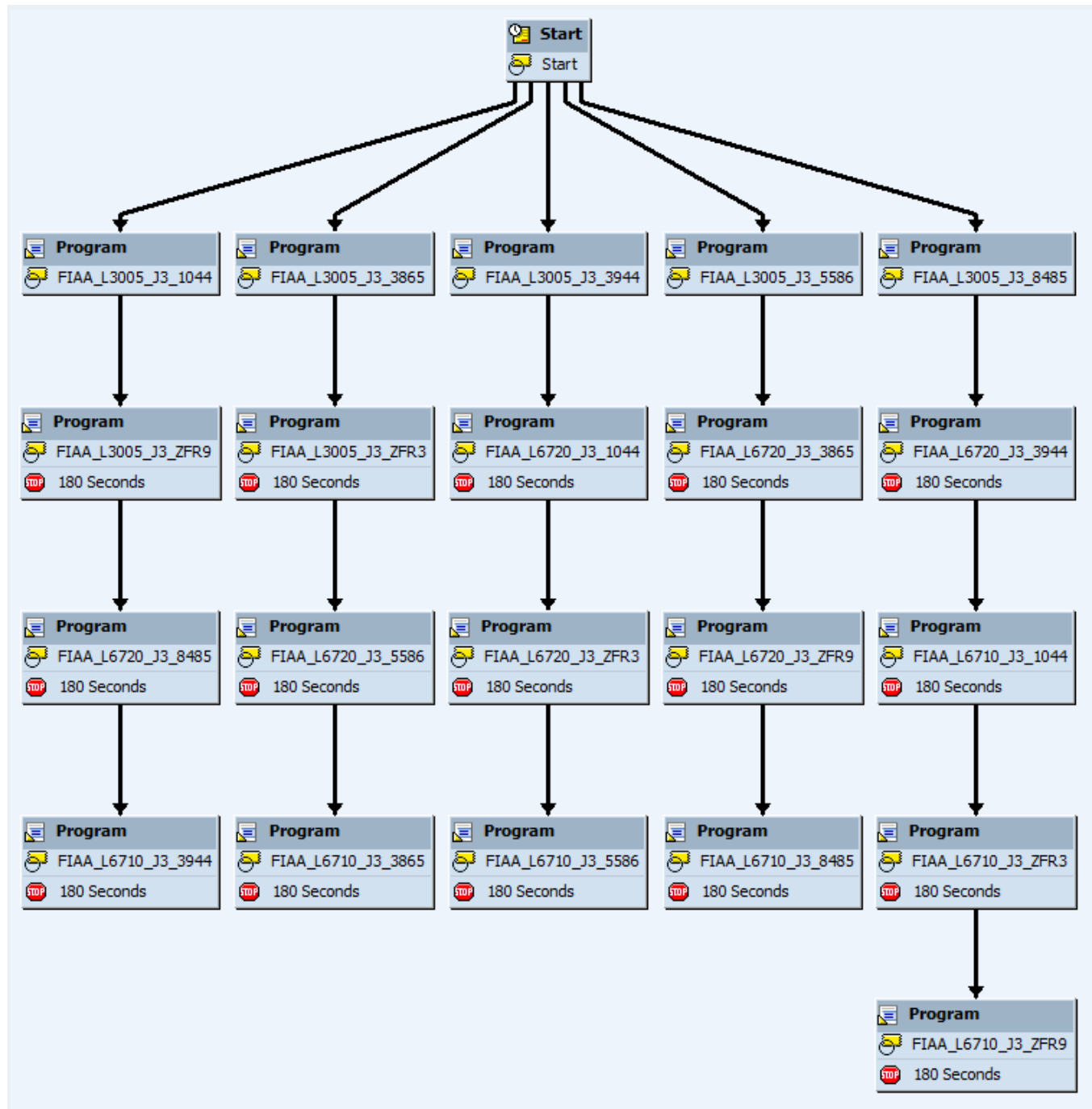
**Workbooks role menu**

**Dependencies with other applications**

FI-AA for CAPEX application is based in part on same propagation providers.

**Broadcast:**

There is a process chain BD\_AAC - Asset Accounting Broadcast that is responsible to run the list of broadcasts below **process chain not scheduled since 2013 (at 09/25/2023)**



For instance, variant L3005\_J3\_ZFR3

Program to Call

Program

Program Name: RSRD\_BROADCAST\_STARTER

Program Variant: L3005\_J3\_ZFR3

| Selection Scrn | Field name                 | Type | I/E | Option | frm                | to |
|----------------|----------------------------|------|-----|--------|--------------------|----|
| 1000           | Technical Name of Setti... | P    |     |        | FIAA_L3005_J3_ZFR3 |    |
| 1000           | ID of the Predefined Ti... | S    |     |        |                    |    |
| 1000           | Techn. Name of InfoPro...  | S    |     |        |                    |    |
| 1000           | Execute Online             | P    |     |        |                    |    |
|                | P_LOGHND                   | P    |     |        |                    |    |
|                | List of Settings           | S    |     |        |                    |    |
|                | P_BTCHID                   | P    |     |        |                    |    |

Schedule

| Group description             | Cell Content              |
|-------------------------------|---------------------------|
| Broadcast Setting             | FIAA_L3005_J3_ZFR3        |
| Version                       | A                         |
| Long description              | L3005 - J3 - ZFR3-ROP     |
| Object Status                 | ACT                       |
| Object Type                   | WB                        |
| Technical Name of Object      | EBO025HJCE7XNRF2CIE72EJ4K |
| Distribution Type             | MAIL                      |
| Distribution Type Description | Broadcast E-mail          |
| Output Format                 | XLS                       |
| Output Format Description     | MS Excel Workbook         |
| Person Responsible            | BW_BCAST                  |
| Date of Creation              | 25.04.2012                |

There is no schedule for FIAA workbooks.

Settings for Object Type: Workbook  | Overview of Scheduled Settings

| Description  | Technical Name | Owner | Last Changed | Scheduled |
|--|----------------|-------|--------------|-----------|
| No Settings Available for Workbook FIAA - FC L3005 Balance Sheet by Flow (Core Workbook) ( A5CD8W7RZLTWW5JFE2TYFDYDW ) |                |       |              |           |

The setting below is empty.

Recipient(s)   Texts   Workbook Precalculation

User:

User in Role:

E-Mail Addresses: Nestor.Araujo-EXTERNAL@solvay.com

Authorization User: NARAUJO

Language: English

User-specific:

# Data Loading

## Info Providers and objects loaded

Detail of process chain, list + link between or special event done for the loading

| Main Process Chain | Final Provider Loading   | Frequency                | Time start     | Duration |
|--------------------|--|--------------------------|----------------|----------|
| PC_FIAA            | <ul style="list-style-type: none"><li>CUB_FAA4 - FIAA : Period Value</li><li>CUB_FAA2 - FIAA: Annual Value</li><li>CUB_FAA1 - FIAA: Cumulated Movements</li><li>CUB_FAA3 - FIAA: Transactions</li><li>ABFIAA05 - FIAA: Period Values - Solvay Level 2</li><li>ABFIAA06 - FIAA: Transactions - Solvay Level 2</li></ul> | Daily (not the week-end) | around 1:15 am | 10 mins  |

## Data Quality Control

Data come from SAP system. To compare data between BW and sources systems, check propagation layers.

## Operational Documentation

### Procedures

<Describe the recurring procedures needed to operate the application (eg. start/pause/terminate/restart the app processes, data preparation, data ingestion, ETL, data visualization, data export, other manual activities)>

### Scheduling

<Describe the scheduling in place for the application (eg. existing jobs, trigger time/event based, dependencies)>

### Monitoring

<Describe the monitoring checks to confirm the application is performing well (eg. check the overall status, check performance metrics like runtime /data volume/memory/disk/CPU, maintain and react to alerts/notifications)>

### Error Handling

<Describe how to handle errors (eg. error codes, description and respective resolution, alert users)>

### Known Bugs

<List the existing bugs, its criticality, workarounds and resolution plan.>

### Roadmap

<List past & future evolutions for the application (including links to MED/FSD/TSD)>