

# BR: DCTF

## 1.0 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_M09	PS - Project Costs	Role menu for all project costs queries
ZBI_RCS_PS_A02	Project Costs and Structures Analysis - End User role	Application Role: <ul style="list-style-type: none"><li>End User rights</li><li>gives access to infoproviders of Infoarea "AREA_PSCO"</li><li>BI Analysis Authorization "ZBI_PS" ("*" for authorization objects not relevant for the application)</li></ul>
ZBI_RCS_CO_A21	CBS Project costs Reporting Analysis - End User role	Application Role: <ul style="list-style-type: none"><li>End User rights</li><li>gives access to infoproviders of Infoarea "AREA_F_CO_CBS_PS"</li><li>Gives access to multiprovider:MPR_PS014</li><li>BI Analysis Authorization "ZBI_CBS_PC"</li></ul>

### Authorization Objects

List of authorization objects mandatory for the application.

Authorization object	Explanation
0COMP_CODE;C_COMPCDE;C_PMORDER__0COMP_CODE	Company, role: ZR_*_CA_P01
0PROFIT_CTR__CPFCTR1_2; 0PROFIT_CTR__C_PFCTR1;CPFCTR1_2;C_AGRITM__CPFCTR1_2; C_ASSET2__C_PFCTR1;C_ASSET__C_PFCTR1;C_MATPLNT__CPFCTR1_2; C_MATPLNT__C_PFCTR1;C_MATPNT2__CPFCTR1_2;C_PFCTR1; C_PMORDER__C_PFCTR1;C_PMORDR__C_PFCTR1;C_PRDEQUI__CPFCTR1_2; C_RECONTR__CPFCTR1_2;C_RESP_CC__CPFCTR1_2;C_SUBACT2__CPFCTR1_2 C_TECMAT__CPFCTR1_2;C_WBS_EL2__CPFCTR1_2;C_WBS_EL2__C_ZSECT; C_WBS_ELE__CPFCTR1_2; C_WBS_ELE__C_ZSECT;C_ZSECT	GBU, role: ZR_*_CA_P05
C_FAMIL;C_WBS_EL2__C_FAMIL;C_WBS_ELE__C_FAMIL	Family, role: ZR_*_CA_P04

## 2.0 DataFlow

### 2.1 Overview

[MPR\\_FAA1](#)

[MPR\\_FAA2](#)

[MPR\\_FAA3](#)

## MPR\_FAA4

### DSOs

- DSOCOEPD - CO Object: Line Item Settlement With Status
- DSO6COEP - CO Object: Line Item Settlement With Status - Solvay
- DSO\_FAA2 - FIAA: Annual Values
- DSO\_FAA3 - FIAA: Period Values
- DSO\_FAA1 - FIAA: Transactions

### Cubes

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

### Multi Providers

- 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

### 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

- 0FL\_AA\_11 - FI-AA: Transactions (WP1)


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 (WP1)

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 (WP1)

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/0B0qn89R0RGdqYkZZOFZyYXIXVvKE>

Exemple of dataflow overview :

## 2.2 Technical Rules on Workbench

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: 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 -> 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'.

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

## 2.2 Dependencies with other applications

*We should have the information where the application is sending or receiving information (e.g. APD open hub)*

## 3.0 Data Loading

### 3.1 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