

BW RTR - Costa - Anaplan Level 5 integration in BW

- General presentation
 - Objective of the application
 - Usage information
 - History
- Roles & Access
 - Roles and access
 - Functional and Technical rules on Workbench + Reporting
 - Rules & Explanations
 - Flow Levels attributes and texts
 - Flow Link Level 5 - Responsible Cost center
 - Dependencies with other applications
- Data loadings
 - Info providers and objects loaded
 - Loading frequency
 - Loading steps
 - Average performance
 - Record Keeping
- Reporting
 - Queries End User Documentation
 - Main queries
 - Main functionalities
 - Broadcast
- Maintenance
 - Known bugs
 - Recurring procedure
 - Planned Evolution

General presentation

Objective of the application

Integration in WBP COSTA model of the hierarchy created in Anaplan to identify budget owner and budget reviewer levels, and the dependencies between the levels.

This hierarchy is meant to be used in QlikSense Applications.

Two flat files are integrated in BW in order to load: Anaplan hierarchy levels, their related Responsible Cost Center, their description and their attributes.

This solution is temporary.

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Usage information

N/A

History

N/A

Roles & Access

Roles and access

N/A

Authorization objects

N/A

Dataflow overview

https://docs.google.com/presentation/d/1xV7_SS0oan6RmQgTHF7gsFtxLjLS5FI4Ze7ITbSs4JY

Functional and Technical rules on Workbench + Reporting

Rules & Explanations

Flow Levels attributes and texts

Source file is generated from Anaplan and has to be stored in AL11 in BW : */exploit/BW/Anaplan_inbound/Level 5 attributes and texts.csv*

Program **ZBW_FILE_TRANSFERT** can be used to upload the file.

File template is available in folder <https://drive.google.com/drive/folders/1Dv6RFIRwdyWY3eneZzFy2j-WSIHtAkbT>

This flat file contains Levels descriptions and Level 5 attributes and is loaded in Inbound ADSO AACOCT02.

Data cleaning routines are implemented on file extraction :

- Characters '#' are deleted for all fields
- Characters '!' are deleted for level codes
- Level codes and Bridge fields are translated in upper case and spaces are deleted

For level texts loading (InfoObjects C_LEVEL1/2/3/4), duplicates data records are deleted in start routine.

For level 5 attributes loading (InfoObjects C_LEVEL5):

- ALPHA conversion is manually applied in PRS Company code routine.
- Bridge routine is converted to Boolean. Value 'X' is assigned:
 - If source value equals 'X' or '1'
 - Else if source value exists in RSBOOLT table where BOOL equals 'X' : field TXTSH, which correspond to 'True' value in various languages
 - Else if a record exists in Global Filter Master Data GLBFILT with STREAM = 'F2G' and RULE = 'BRIDGE'

Flow Link Level 5 - Responsible Cost center

The source file has to be stored in AL11 : */exploit/BW/Anaplan_inbound/Link Level 5 - Responsible Cost center.csv*

Program **ZBW_FILE_TRANSFERT** can be used to upload the file.

File template is available in folder <https://drive.google.com/drive/folders/1Dv6RFIRwdyWY3eneZzFy2j-WSIHtAkbT>

This flat file contains mapping between Level 5 and Responsible Cost center and is loaded in Inbound ADSO AACOCT01.

Data cleaning routines are implemented on file extraction :

- Characters '#' are deleted in Responsible Cost Center codes
- Characters '#' and '!' are deleted for level 5 codes
- Level codes are translated in upper case and spaces are deleted

Then data is loaded in ADSO APCOCT18 "Link Level 5 - Responsible Cost center":

- In start routine, all records where couple Controlling Area / Cost Center does not exist in Master Data C_COSTCTR are deleted.
- Version, Date From and Date To fields have been created for further implementation. As for now, constant values are assigned.
- Controlling Area and Responsible Cost Center values are substrings of source field RESP_CC.

Dependencies with other applications

Used by COSTA model.

Data loadings

Info providers and objects loaded

Both data flow are loaded in Process chain **PC_CT_LEVEL5_HIER** ("COSTA - Hierarchy Level 5 - Responsible Cost center").

Both Inbound ADSO are cleaned up before the new loading.

Flat files are loaded in FULL mode.

Loading frequency

Loadings are not scheduled. Process chain execution is processed on demand.

Loading steps

- 1. Load new csv files in corresponding AL11 folders (see upward) using program **ZBW_FILE_TRANSFERT**
- 2. Run Process chain **PC_CT_LEVEL5_HIER**

Average performance

Key Figure	Estimation
~ Average Process Chain Runtime	< 1 min
~ Average nb of rows loaded per load	~ 8000
~ Total nb of rows loaded (if full)	
~ Average Runtime for 10k lines	

Record Keeping

N/A

Reporting

Queries End User Documentation

N/A

Main queries

N/A

Main functionalities

N/A

Broadcast

N/A

Maintenance

Known bugs

N/A

Recurring procedure

N/A

Planned Evolution

N/A