Business Inteligence Provider - /ETL/STEPS - Agile Development with SAP BW - Solution Diagram

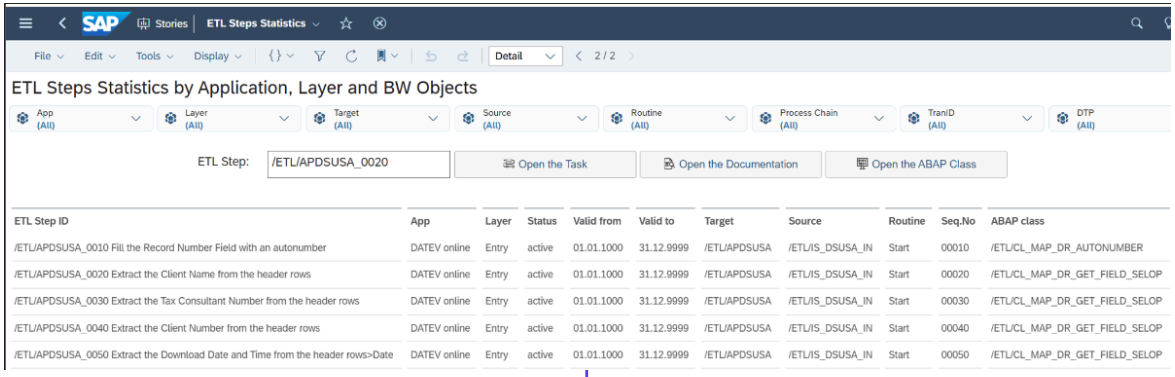
- Unite all the SAP BW Project Team members in a common interface
- Force the development of small and fast ABAP routines
- Gain Transparency of what was developed and transported in each BW System
- Force the split of Requirements in small ETL Steps
- Link the Code to Requirements (jump to Jira or MS Planer/Teams-Task)
- Link the Code to the Documentation (jump to Confluence-Pages)
- Easy Impact analysis - Can I delete this Field or not?
- See the implemented logik at once for entire BW process chains
- Code and deploy now, use later: Time dependency of the ETL-Steps

Project Manager

Gain the Big Picture in real time

SAP Analytics Cloud

ETL Steps Statistics with Links to the Tasks, Documentation and Code



ETL Step ID	App	Layer	Status	Valid from	Valid to	Target	Source	Routine	Seq.No	ABAP class
/ETL/APDSUSA_0010 Fill the Record Number Field with an autonumber	DATEV online	Entry	active	01.01.1000	31.12.9999	/ETL/APDSUSA	/ETL/IS_DSUSA_IN	Start	00010	/ETL/CL_MAP_DR_AUTONUMBER
/ETL/APDSUSA_0020 Extract the Client Name from the header rows	DATEV online	Entry	active	01.01.1000	31.12.9999	/ETL/APDSUSA	/ETL/IS_DSUSA_IN	Start	00020	/ETL/CL_MAP_DR_GET_FIELD_SELOP
/ETL/APDSUSA_0030 Extract the Tax Consultant Number from the header rows	DATEV online	Entry	active	01.01.1000	31.12.9999	/ETL/APDSUSA	/ETL/IS_DSUSA_IN	Start	00030	/ETL/CL_MAP_DR_GET_FIELD_SELOP
/ETL/APDSUSA_0040 Extract the Client Number from the header rows	DATEV online	Entry	active	01.01.1000	31.12.9999	/ETL/APDSUSA	/ETL/IS_DSUSA_IN	Start	00040	/ETL/CL_MAP_DR_GET_FIELD_SELOP
/ETL/APDSUSA_0050 Extract the Download Date and Time from the header rows>Date	DATEV online	Entry	active	01.01.1000	31.12.9999	/ETL/APDSUSA	/ETL/IS_DSUSA_IN	Start	00050	/ETL/CL_MAP_DR_GET_FIELD_SELOP

Business Department

What does the system do? when I press this button?

Requirement Engineers

Which Business Rule is when active?

Tester

Test the development with and without a Business Rule

atlassian.net

- Confluence
- Jira

m365.cloud.microsoft

- Planner

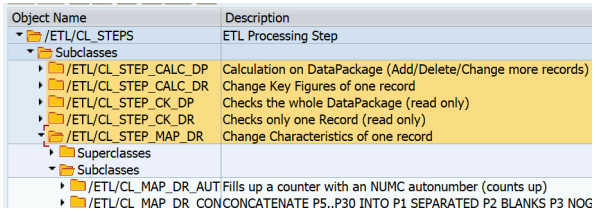
BW Architect

Where is the Code for a Business Rule? Link it to the Requirement and to the Documentation.

BW/4HANA

ETL Steps Framework

Customize small (also predefined) ABAP Classes and their parameters for SAP BW transformations, thereby eliminating the risk of writing lengthy start, end or expert routines



Object Name	Description
/ETL/CL_STEPS	ETL Processing Step
Subclasses	
/ETL/CL_STEP_CALC_DP	Calculation on DataPackage (Add/Delete/Change more records)
/ETL/CL_STEP_CALC_DR	Change Key Figures of one record
/ETL/CL_STEP_CK_DP	Checks the whole DataPackage (read only)
/ETL/CL_STEP_CK_DR	Checks only one Record (read only)
/ETL/CL_STEP_MAP_DR	Change Characteristics of one record
Superclasses	
Subclasses	
/ETL/CL_MAP_DR_AUT	Fills up a counter with an NUMC autonumber (counts up)
/ETL/CL_MAP_DR_CON	CONCATENATE P5..P30 INTO P1 SEPARATED P2 BLANKS P3 NOG

BW Developer

Customize standard ETL Steps or define the Parameters for custom ETL Steps. No ABAP knowledge needed.

ABAP Programmer

Code custom ETL steps for a business rule. No BW knowledge needed.

Legend

- Feature
- Uses
- Access Data
- Link