







Solstice Material Inflation Open Hub Destination

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General presentation

The Quantity and the Base Unit of Measure

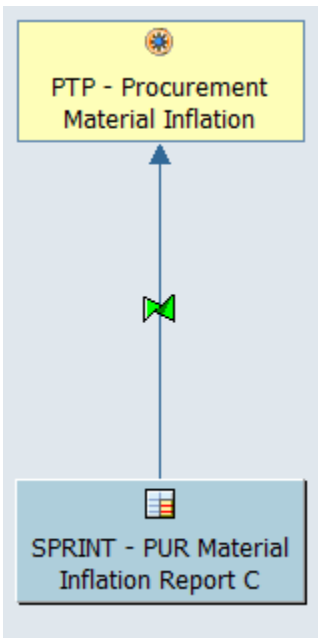
Open Hub Destination OH_SOL006

 Solstice	IA SOL
 Solstice : PTP - Procurement Material Inflation	OH_SOL006
 BW_QRY_MV_SPD01_0026 -> OH_SOL006	DTP_B1FNYSNDTMCTES2JP0FZUE5US
 SPRINT - PUR Material Inflation Report Cytec	BW_QRY_MV_SPD01_0026
 TRSF: BW_QRY_MV_SPD01_0026 -> OH_SOL006	00HNG1PKJ2GSV89XNB JW9YJDN690OCES
 SPRINT - PUR Material Inflation Report Cytec	BW_QRY_MV_SPD01_0026

Objective of the application

This application it is used to transfer data from the query BW_QRY_MV_SPD01_0026, based on the Multiprovider MV_SPD01, to Cytec INFORMATICA system .

Dataflow overview



From the query BW_QRY_MV_SPD01_0026 data are moved to the Open Hub destination OH_SOL006.

Query

Filters of the query

Filter

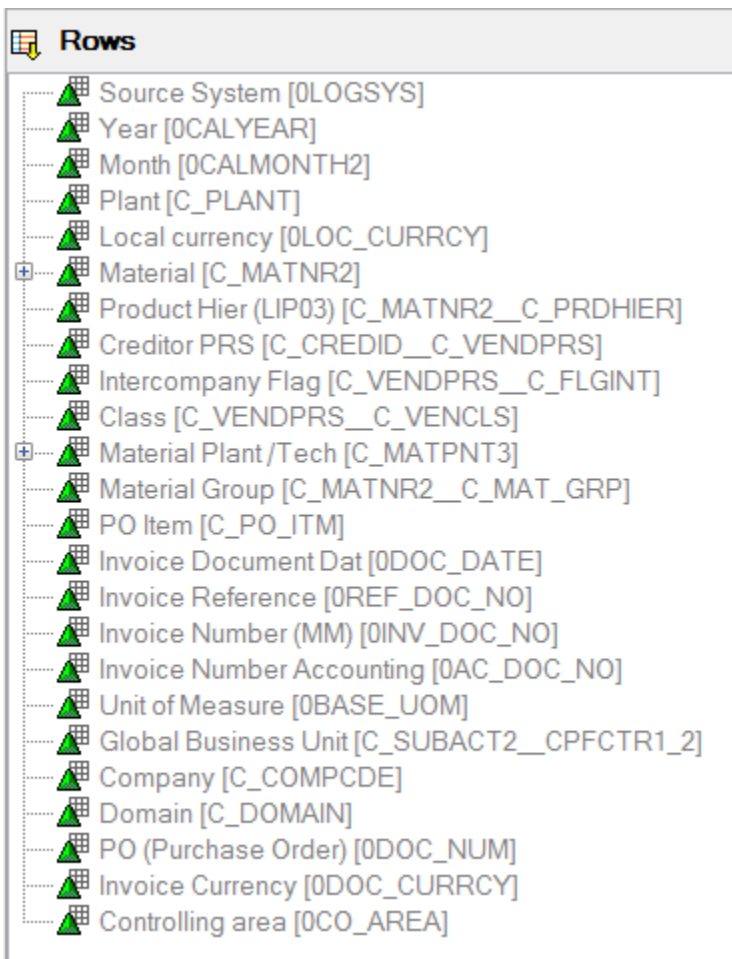
Characteristic Restrictions

- Source System [0LOGSYS]
 - WQ1_400 [WQ1_400]
 - QF1_020 [QF1_020]
 - WP1 Client 400 [WP1_400]
 - PF1 Client 020 [PF1_020]
- Calendar Month/Year [0CALMONTH]
 - Previous And Current Month [V_0CALMONTH_PR_CR_M]
- Global Business Unit [C_SUBACT2__CPFCTR1_2]
 - COMPOSITE MATERIALS [CM]
- Country Zone (PUR) for authorization [0COUNTRY__C_PZONE]
 - Country Attribut Purch. Zone (Selection Option, Auth.) [V_AUT_0COUNTRY__C_PZONE_0001]
- Country Zone (PUR) for authorization [C_ORIGCTY__C_PZONE]
 - Country Attribut Purch. Zone (Selection Option, Auth.) [V_AUT_C_ORIGCTY__C_PZONE_0001]
- Material [C_MATNR2]
 - # [#]
- Vendor Zone (PUR) for authorization [C_VENDID__C_PZONE]
 - Vendor Zone (PUR) (Selection Option, Auth.) [V_AUT_C_VENDID__C_PZONE_0001]
- Creditor Zone (PUR) for authorization [C_CREDID__C_PZONE]
 - Creditor Attribut Purch. Zone (Selection Option, Auth.) [V_AUT_C_CREDID__C_PZONE_0001]
- Authorization Scope [C_COMPDE__C_AUTHMA]
 - Not assigned [#]
 - SOLVAY [SOLVAY]
- Authorization Scope [C_PLANT__C_AUTHMA]
 - Not assigned [#]
 - SOLVAY [SOLVAY]

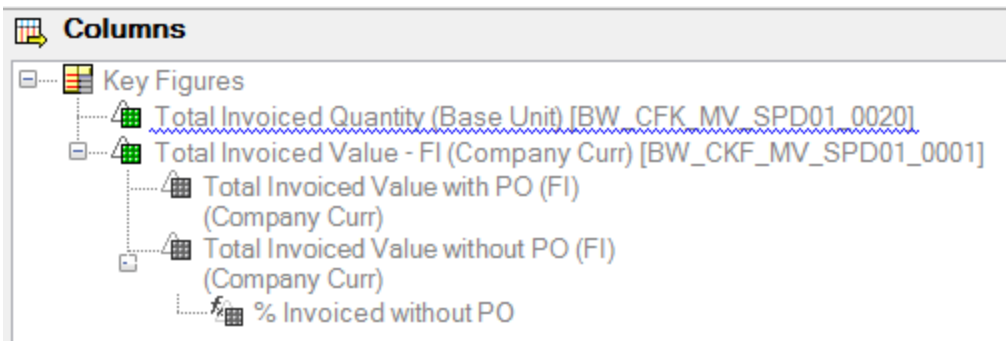
Free Characteristics

No free characteristics

Rows



Columns



Variable in BEX, Class in Transaction SE24 and Variable in Transaction SM30

Variable in BEX

1. V_0CALMONTH_PR_CR_M for 0CALMONTH
2. V_0LOGSYS_0014 for 0LOGSYS

3. V_C_COMPCDE__C_AUTHMA_0003 for C_COMPCDE__C_AUTHMA
4. V_C_PLANT__C_AUTHMA_0003 for C_PLANT__C_AUTHMA

Class in Transaction SE24

1. ZCL_BIU001_V_0CALMONTH_PR_CR_M to be linked in the below step with its variable of the above step
2. ZCL_BIU001_V_0LOGSYS_0014 to be linked in the below step with its variable of the above step
3. ZCL_BIU001_V_C_COMPCDE_0003 to be linked in the below step with its variable of the above step
4. ZCL_BIU001_V_C_PLANT_0003 to be linked in the below step with its variable of the above step

Variable in Transaction SM30 (table ZBIU001_V_VAR)

1. V_0CALMONTH_PR_CR_M linked to its Class above
2. V_0LOGSYS_0014 linked to its Class above
3. V_C_COMPCDE__C_AUTHMA_0003 linked to its Class above
4. V_C_PLANT__C_AUTHMA_0003 linked to its Class above

- For the Variable: V_0CALMONTH_PR_CR_M, in the class ZCL_BIU001_V_0CALMONTH_PR_CR_M, the change for the UC: 4000027607, the variable V_0CALMONTH_PR_CR_M is fed through the Global Filter C_GLBFLT. The range of the 0calmonth is based on the fields **/BIC/IC_LOW** and **/BIC/IC_HIGH** of the Global Filter where normally we should have 0 in **/BIC/IC_HIGH** (meaning current month) and 1 in **/BIC/IC_LOW** (meaning one month less than **/BIC/IC_HIGH**).

And in case of need we can easily change those two values in the Global Filter for example

/BIC/IC_HIGH = 3 (meaning three months less than the current month), **/BIC/IC_LOW = 2** (meaning two months less than **/BIC/IC_HIGH**)

Transformation

In the Transformation there is a Start Routine built in order to feed Internal Tables used, then, in the Rule Details, in order to feed Master Data and Text of the Open Hub Destination

Source Data Element	Target Field	Target Data Element	Target Description
PO (Purchase Order)	COMP_CURR	COMP_CURR	Currency key[Total I
Invoice Number	TOT_INV_QTY	TOT_INV_QTY	Total Invoiced Quant
Local currency	BASE_UOM	BASE_UOM	Base Unit
Source System	/BIC/C_COMPCDE	/BIC/C_COMPCDE	Company code
Reference Document	Company Text	C_COMPCDE_TXT	Company TX
Total Invoiced Value - FI (Company Curr)	Domain from MATERIAL GROUP	C_DOMAIN_ATTR	Domain from MATGRP
Currency key[Total Invoiced Value - FI (Company Curr)]	Domain Text	C_DOMAIN_TXT	Domain TX
Total Invoiced Value with PO (FI) (Company Curr)	/BIC/C_MATNR2	/BIC/C_MATNR2	Material
Currency key[Total Invoiced Value with PO (FI) (Company Curr)]	Material Text	C_MATNR2_TXT	Material TX
Total Invoiced Value without PO (FI) (Company Curr)	Unit from MATERIAL	C_BASE_UOM_ATTR	Unit from MATERIAL
Currency key[Total Invoiced Value without PO (FI) (Company Curr)]	/BIC/C_MATPNT3	/BIC/C_MATPNT3	Material Plant /Tech

Global Filter

The below Rules in the Global Filter (C_GLBFLT) are used to feed the variables created in the Query Designer (V_C_COMPCDE__C_AUTHMA_0003, V_C_PLANT__C_AUTHMA_0003, V_0LOGSYS_0014).

Data Browser: Table /BIC/PC_GLBFLT Select Entries 6

/BIC/C_STREAM	/BIC/C_RULE	/BIC/C_GLBFLT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW	/BIC/C_HIGH	/BIC/C_ACTIVE
SPRINT	SOLS_AU_CC	001	A		Solstice Authorization Company	I	EQ		Not assigned	Y
SPRINT	SOLS_AU_CC	002	A		Solstice Authorization Company	I	EQ	SOLVAY	Solvay	Y
SPRINT	SOLS_AU_PL	001	A		Solstice Authorization Plant	I	EQ		Not assigned	Y
SPRINT	SOLS_AU_PL	002	A		Solstice Authorization Plant	I	EQ	SOLVAY	Solvay	Y
SPRINT	SOLS_SYST	001	A		Solstice Source System	I	EQ	PF1_020	Solvay Production	Y
SPRINT	SOLS_SYST	003	A		Solstice Source System	I	EQ	WP1_400	Rhodia Production	Y

The below Rules in the Gloabal Filter (C_GLBFLT) are used to determine the period that everyday has to be loaded into INFORMATICA system.

Data Browser: Table /BIC/PC_GLBFLT Select Entries 1

/BIC/C_STREAM	/BIC/C_RULE	/BIC/C_GLBFLT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW	/BIC/C_HIGH	/BIC/C_ACTIVE
SPRINT	CAL_VAR	001	A		Solstice Period to be loaded	I	EQ	1	0	Y

Normally C_HIGH is setted at 0 that means current month and C_LOW is setted at 1 that means 1 month less than the current month, therefore, everyday only the previous and the current months are loaded.

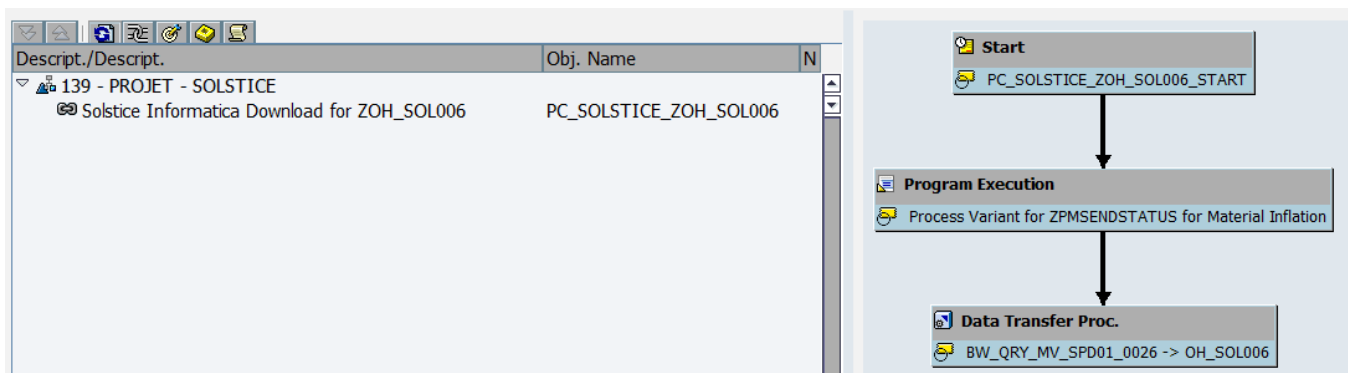
But in case of needs to reload the past, it can be easily managed in those two fields, C_HIGH and C_LOW.

For example today is February 2021 and it needs to reload Setctember, October and November 2020; in C_HIGH it needs to put 3 that means 3 months less than the current month and in C_LOW it needs to put 2 that means 2 months less than November 2020.

After the reloading it needs to reset C_HIGH =0 and C_LOW = 1 for the next daily loadings.

Process Chain

PC_SOLSTICE_ZOH_SOL006 - Solstice Informatica Download for ZOH_SOL006



Loading

Daily at 7:00 AM CET

Maintenance

In case of issue create a Freshdesk ticket.

Known bugs

No

Recurring procedure

This Open Hub transfers data to Cytec INFORMATICA system each day at 7:00 AM CET.

Planned Evolution

No