

BW - Text extractions

- General presentation
 - Objective of the application
 - Dataflow overview

General presentation

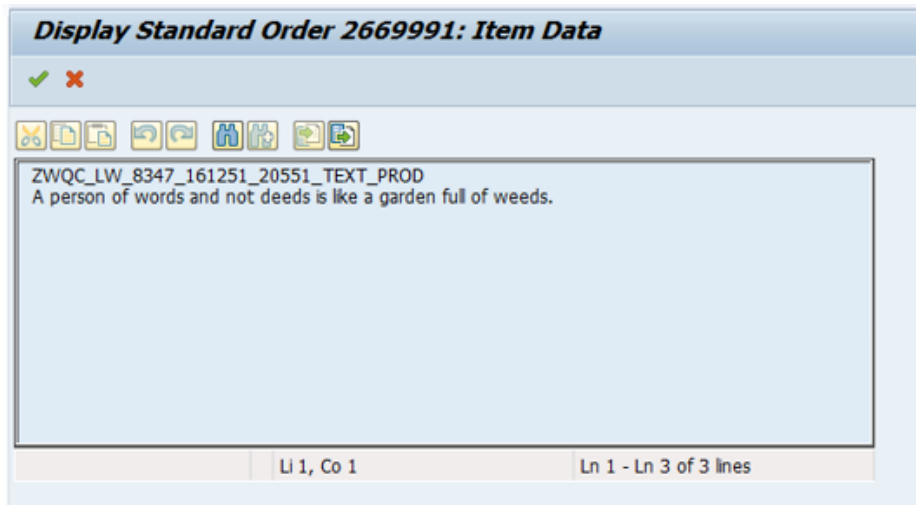
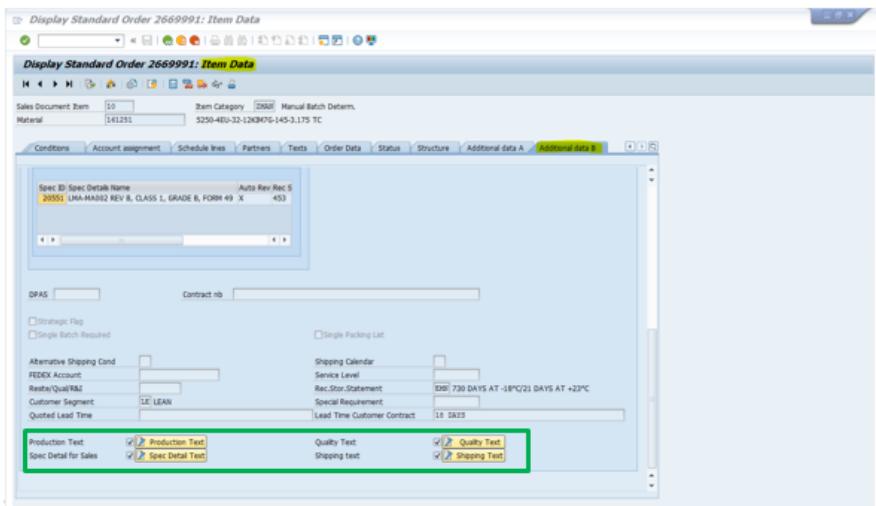
Objective of the application

BW Text extractions.

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Dataflow overview

Aero Specific Text fields for the Sales Order Item location:



New extractor "DTS_BW_AERO_VBAP - Aero Additional B" created to extract the Aero Specific Text data from the Sales Order Item in the Additional Data B tab:

Sales and Distribution	SD
Sales Master Data	SD-IO
Billing Doc. Header Data	2LIS_13_VDHDR
Customer	2LIS_01_S001
Delivery Header Data	2LIS_12_VCHDR
SD- Quotation	2LIS_01_S264
Sales Document Header Status	2LIS_11_VASTH
Sales-Shipping Allocation Item Data	2LIS_11_V_ITM
Sales-Shipping Allocation Schedule	2LIS_11_V_SCL
Sales-Shipping Schedule Line Data	2LIS_12_VCSCL
Shipment Costs at Item Level	2LIS_08TRFKP
Shipping point	2LIS_01_S005
Aero Additional B	DTS_BW_AERO_VBAP

Fields regarding this development:

Display DataSource DTS_BW_AERO_VBAP(EF2_400)

The data extracted will be stored in the DSO "DPSDSO56 - Sales Document Header/Item Data Active docs (Rhodia)" and then loaded to the attributes from the characteristic "C_ITM_SD - Sales document item":

Sales document item	C_ITM_SD
Sales document item (Attributes)	ATTRIBUTES C_ITM_SD
TRSF: C_ITM_SD -> C_ITM_SD	0603DNRTIA7XQOY1X16Q3QPBT5T8090J
TRSF: DBSDSO08 -> C_ITM_SD (Solvay)	0D1HERWVYTSDJGDCXP33T3LDU281LG2
TRSF: DBSDSO11 -> C_ITM_SD (Solvay)	069EFSTLXGD2PAVZRE72KXZ29F1QB4JL
TRSF: DBSDSO12 -> C_ITM_SD (Solvay)	0IPDIPCL7W0F35TK4SZYJ728GTNQ4FOV
TRSF: DBSDSO48 -> C_ITM_SD (Rhodia)	0MN6T684F2W3JOT7YYRUXC6NE3P91DXK
TRSF: DBSDSO51 -> C_ITM_SD (Rhodia)	040FUJ68T6VFQGR3WMU965R5GVPFEK0L
TRSF: DBSDSO52 -> C_ITM_SD (Rhodia)	0DAKHEDHVTYNUPGN2R2Z57YE7L9ZKGHK
TRSF: DPSDSO16 -> C_ITM_SD (Solvay)	04TA3ZE0O4CGL4YUJK3H21FRNKS5LF58M
TRSF: DPSDSO56 -> C_ITM_SD (Rhodia)	0MTTPDYBUBR4WAUHSXHRN0I0NDGOGAH7
Sales Document Header/Item Data Active docs (Rhodia)	DPSDSO56
RSDS DTS_BW_AERO_VBAP EF2_400 -> ODSO DPSDSO56	03EBWRU6HE0QJCW0580SW1K4TFSQT8S3
TRSF: DTS_BW_VBAK_VBAP -> DPSDSO56 (Rhodia)	0MKJNSNT7XQCQECKOUZ7L81C3JNESAI3
Data Transfer Processes	DPSDSO56
DTP: DTS_BW_AERO_VBAP / WD1_110 -> DPSDSO56 (Rhodia)	DTP_B1FNYSNDTMCTEOSGYAM9ZICRQ
DTP: DTS_BW_VBAK_VBAP -> DPSDSO56 - Delta (Rhodia)	DTP_AKL11L2RFQC0VNN0Q747MUKLB
DTP: DTS_BW_VBAK_VBAP -> DPSDSO56 - delta (Rhodia)	DTP_AKL11L2RFQC0SPHY30UWESDGI

The data is also loaded from "C_ITM_SD - Sales document item" to "C_ITM_GS - Order Line (SO+PO)":

Order Line (SO+PO)	C_ITM_GS
Order Line (SO+PO) (Attributes)	ATTRIBUTES C_ITM_GS
ADSO APSDSO38 -> IOBJ C_ITM_GS (Rhodia)	0C5S3PW6R3B4FIH6GVD3SRUK4V6FTVOO
ADSO APSDSO78 -> IOBJ C_ITM_GS (Solvay)	0SEUHF8YVOEXTOAOV70BRES8LUT29Q1H
TRSF: DBSDSO70 -> C_ITM_GS (Rhodia)	02RN5MIMU6PDGJGJTDYUJ84JBWUW8160
TRSF: C_ITM_SD -> C_ITM_GS (Solvay&Rhodia)	0NRV8ESN06W3PV4UC3F1P84WCJ1H3JCV

Once data is available in those InfoObjects, they could be retrieved in all the OTC reports through attributes exhibition:

	D	E	F	G	H	I	J
1							
2						Calendar Year/Month	04.2019
3						Order Line NETV	
4	Order Line	Sales/Planning Text	Shipping Text	Quality Text	Production Text	Spec Detail For Sale	008
5	70216335/10	#	#	#	#	#	10.575,4
6	70216336/10	#	#	#	#	#	26.907,7
7	70216344/10	#	#	#	#	#	16.555,6
8							53.137,7
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Extractor "DTS_BW_AERO_VBAP - Aero Additional B" is based on a custom function module:

Display DataSource for Trans. Data: DTS_BW_AERO_VBAP

Generic Delta

DataSource: DTS_BW_AERO_VBAP
Applic. Component: SD
Data Reconciliation: ☐
Object Status: Saved

Texts

Short description	Aero Additional B
Medium description	Aero Additional B
Long description	Aero Additional B

Extraction from DB View

View/Table	
ExtractStruct.	

Extraction frm SAP Query

InfoSet	
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Extraction by Function Module

Function Module	ZFM_BW_AERO_VBAP
Extract.Struct.	ZSTR_BW_AERO_VBAP

The long texts fields were stored in ECC as TEXT IDs and then we used the READ_TEXT function to retrieve its values for the extractor:

Function Builder: Display ZFM_BW_AERO_VBAP

Function module: ZFM_BW_AERO_VBAP Active

Attributes Import Export Changing Tables Exceptions Source code

```
178 REFRESH it_line.  
179  
180 * Sales/Planning Text  
181 CALL FUNCTION 'GET_TEXT'  
182 EXPORTING  
183   client      = sy-mandt  
184   id          = '000000'  
185   language    = 'E'  
186   name        = v_order_line  
187   object      = 'VBBP'  
188   archive_handle = 0  
189   local_cat   = ''  
190 TABLES  
191   lines       = it_line  
192 EXCEPTIONS  
193   id          = 1  
194   language    = 2  
195   name        = 3  
196   not_found   = 4  
197   object      = 5  
198   reference_check = 6  
199   wrong_access_to_archive = 7  
200   OTHERS      = 8.  
201  
202 LOOP AT it_line INTO wa_line.  
203   CONCATENATE v_sales_planning_text ' ' wa_line-tdline INTO v_sales_planning_text.  
204 ENDLOOP.  
205  
206 REFRESH it_line.
```

Reporting documentation drive folder:

<https://drive.google.com/drive/u/0/folders/1-7jbV-hDDyd8BqUFk6MJgHXvzfiLyCo0>