

LSMW Material Basic Data Load

BAPI input method

SAP Easy Access

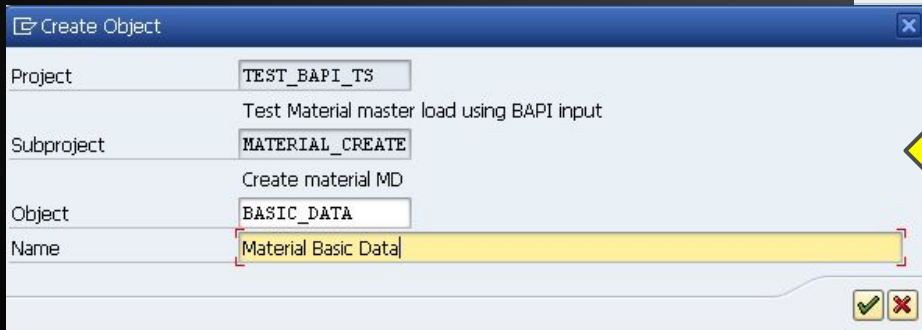
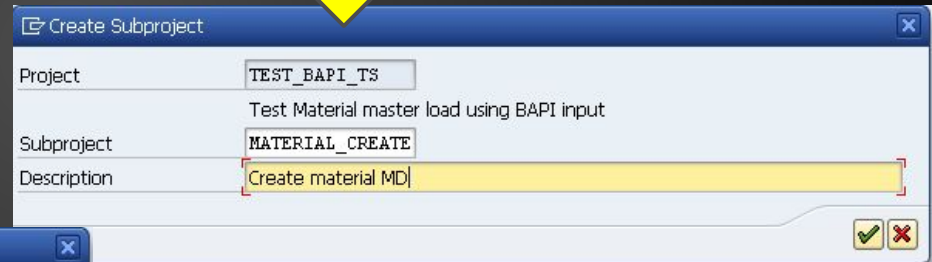
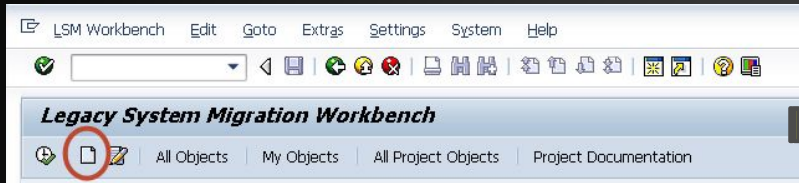
Favorites

- LAM
- RRMX - SAP Default Workbook
- RRMX - Special Default Workbook
- F-28 - Accounts Receivable -> Document Entry -> Incoming Payments
- XD03 - Master Data -> Business Partner -> Customer -> Display -> Complete
- PA30 - Personnel Management -> Administration -> HR Master Data -> Maintain

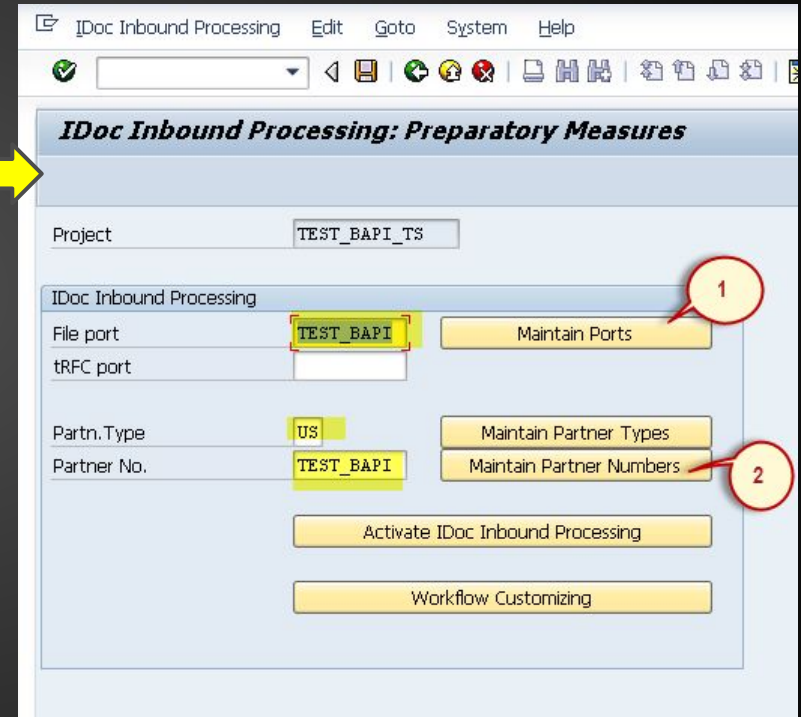
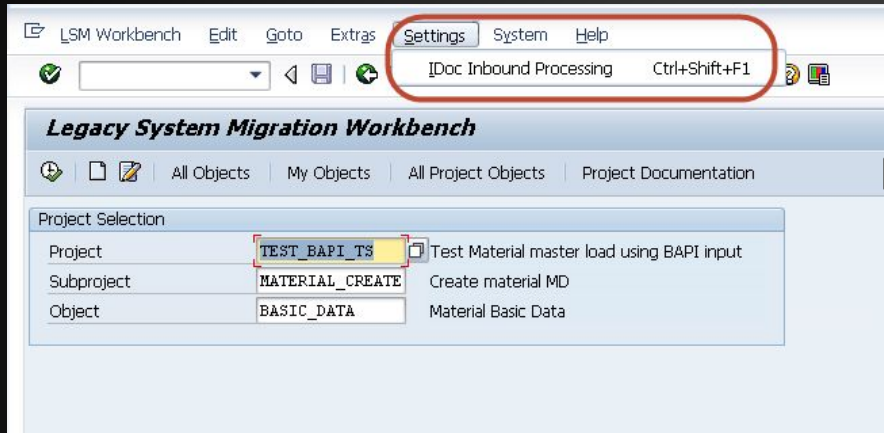
SAP Menu

- Financial Services Network Connector
- Office
- Cross-Application Components
- Logistics
- Accounting
- Human Resources
- Information Systems
- Tools
- WebClient UI Framework

Create new project

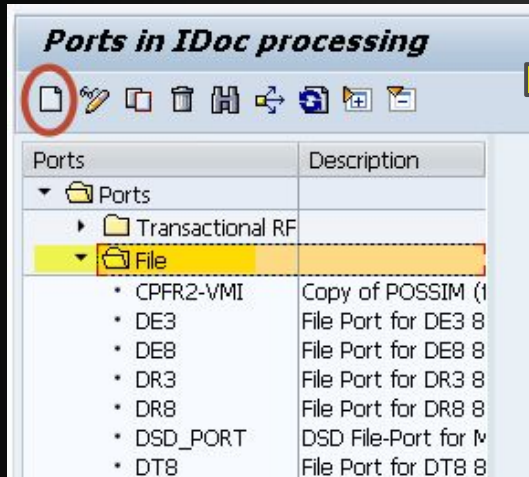


Configure IDoc Inbound Processing



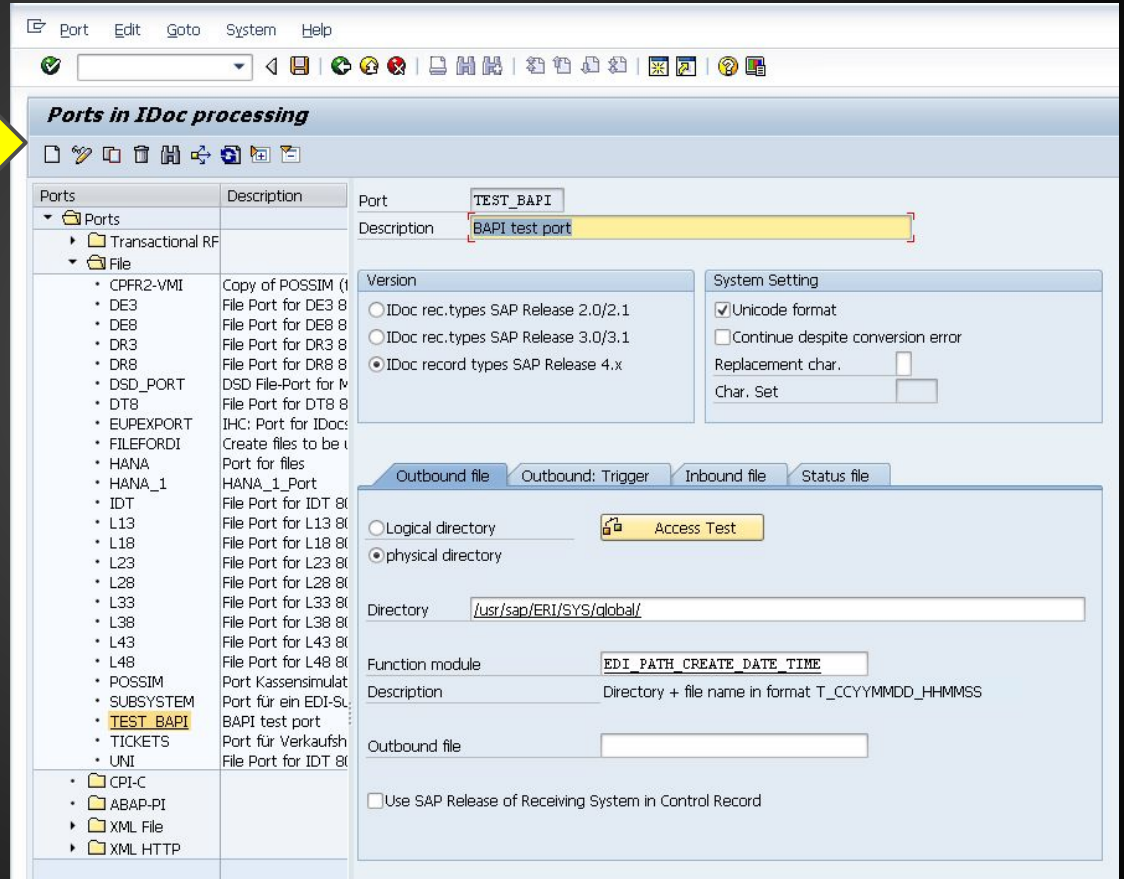
1 Create file port

Ports in IDoc processing



Ports	Description
Ports	
Ports	
Transactional RF	
File	
CPFR2-VMI	Copy of POSSIM (1
DE3	File Port for DE3 8
DE8	File Port for DE8 8
DR3	File Port for DR3 8
DR8	File Port for DR8 8
DSD_PORT	DSD File-Port for M
DT8	File Port for DT8 8

Ports in IDoc processing



Ports	Description
Ports	
Transactional RF	
File	
CPFR2-VMI	Copy of POSSIM (1
DE3	File Port for DE3 8
DE8	File Port for DE8 8
DR3	File Port for DR3 8
DR8	File Port for DR8 8
DSD_PORT	DSD File-Port for M
DT8	File Port for DT8 8
EUPEXPORT	IHC: Port for IDoc:
FILEFORDI	Create files to be t
HANA	Port for files
HANA_1	HANA_1_Port
IDT	File Port for IDT 8
L13	File Port for L13 8
L18	File Port for L18 8
L23	File Port for L23 8
L28	File Port for L28 8
L33	File Port for L33 8
L38	File Port for L38 8
L43	File Port for L43 8
L48	File Port for L48 8
POSSIM	Port Kassensimulat
SUBSYSTEM	Port für ein EDI-SL
TEST_BAPI	BAPI test port
TICKETS	Port für Verkaufsh
UNI	File Port for IDT 8
CPI-C	
ABAP-PI	
XML File	
XML HTTP	

Port: TEST_BAPI
Description: BAPI test port

Version

IDoc rec.types SAP Release 2.0/2.1
 IDoc rec.types SAP Release 3.0/3.1
 IDoc record types SAP Release 4.x

System Setting

Unicode format
 Continue despite conversion error
Replacement char.
Char. Set

Outbound file | Outbound: Trigger | Inbound file | Status file

Logical directory
 physical directory

Directory: /usr/sap/ERI/SYS/global/

Function module: EDI_PATH_CREATE_DATE_TIME
Description: Directory + file name in format T_CCYYMMDD_HHMMSS

Outbound file:

Use SAP Release of Receiving System in Control Record

2 Maintain partner numbers

Partner profiles

Partner: Partner No. []
Partn.Type []

Post processing: permitted agent Classification T. []

Ty. []
Agent []
Lang. []

Outbound parmtrs.

Partner Role	Message Type	Message va...	MessageFu...	Test
				<input type="checkbox"/>

Inbound parmtrs.

Partner Role	Message Type	Message va...	MessageFu...	Test
				<input type="checkbox"/>

Partner profiles

Partner: Partner No. TEST_BAPI TEST_BAPI
Partn.Type US User (first 10 characters, no check)

Post processing: permitted agent Classification T. []

Ty. US User
Agent T.SKRYPKO Skrypko Tatsiana
Lang. EN English

Outbound parmtrs.


Partner Role	Message Type	Message va...	MessageFu...	Test
				<input type="checkbox"/>

Inbound parmtrs.

Partner Role	Message Type	Message va...	MessageFu...	Test
				<input type="checkbox"/>

2 a Partner profile: Inbound parameters


Partner profiles: Inbound parameters



Partner No. TEST_BAPI

Partn.Type User (first 10 characters, no check)

Partner Role

 Message type Create and change material mast ...

Message code

Message function Test

Inbound options | Post processing: permitted agent | Telephony

Process code Inbound BAPI IDoc: Individual ...

Cancel Processing After Syntax Error

Processing by Function Module

Trigger by background program

Trigger Immediately

Activate IDoc Inbound Processing

IDoc Inbound Processing Edit Goto System Help

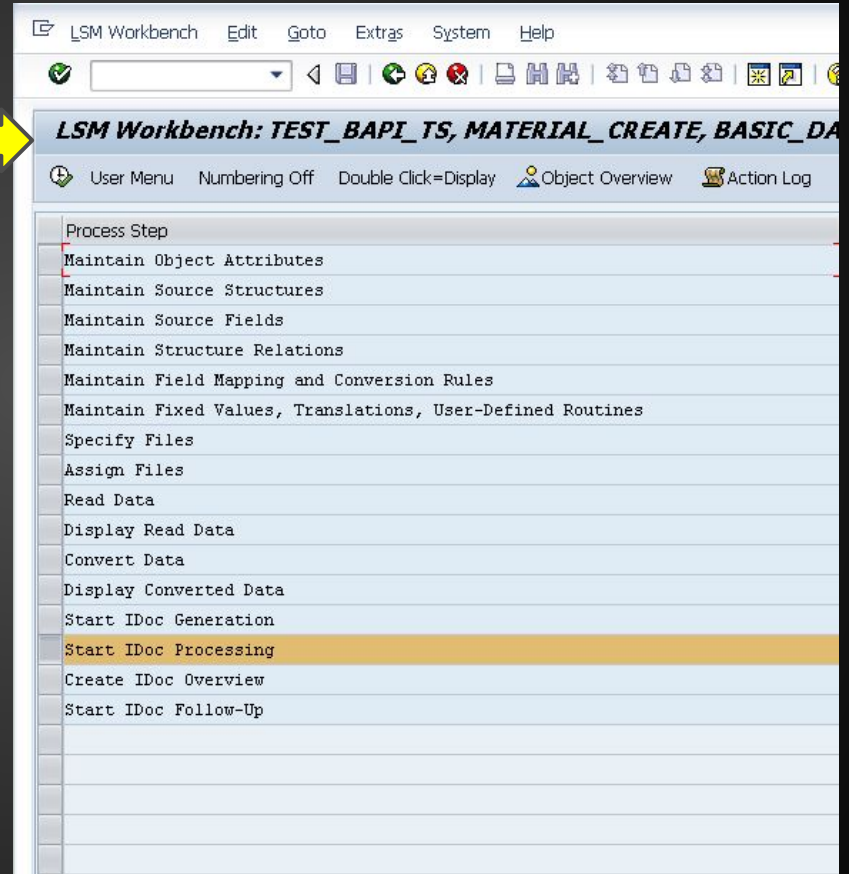
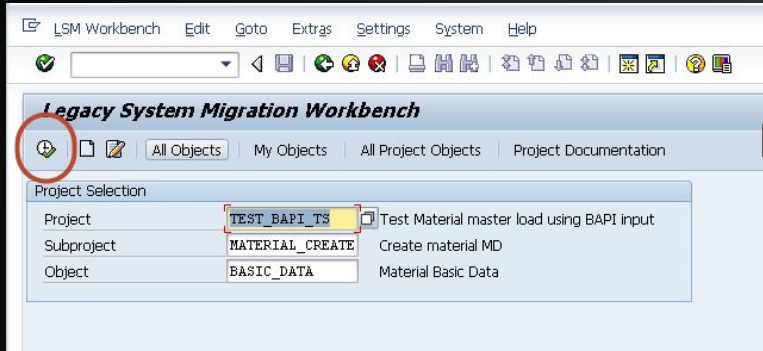
IDoc Inbound Processing: Preparatory Measures

Project

IDoc Inbound Processing

File port	<input type="text" value="TEST_BAPI"/>	<input type="button" value="Maintain Ports"/>
tRFC port	<input type="text"/>	
Partn.Type	<input type="text" value="US"/>	<input type="button" value="Maintain Partner Types"/>
Partner No.	<input type="text" value="TEST_BAPI"/>	<input type="button" value="Maintain Partner Numbers"/>

Start Configuring the Project



Maintain Object Attributes

LSM Workbench: TEST_BAPI_TS, MATERIAL_CREATE, BASIC_DA

User Menu Numbering Off Double Click=Display Object Overview Action Log

Process Step

- Maintain Object Attributes
- Maintain Source Structures
- Maintain Source Fields

LSM Workbench: Change Object Attributes

Display <-> Change Documentation Display Interfaces

Attributes

Object	BASIC_DATA	Material Basic Data
Owner	T. SKRYPKO	Skrypko Tatsiana
Data Transfer	<input checked="" type="radio"/> Once-Only	<input type="radio"/> Periodic
File Names	<input type="checkbox"/> System-Dependent	

Object Type and Import Method

Standard Batch/Direct Input

Object	
Method	
Program Name	
Program Type	

Batch Input Recording

Recording

Business Object Method (BAPI)

Business Object	BUS1001006	Standard material
Method	SAVEDATA	Create and change material m...
Message Type	MATMAS_BAPI	Create and change material m...
Basic Type	MATMAS_BAPI03	Create and Change Material Ma...

IDoc (Intermediate Document)

Message Type	
Basic Type	
Enhancement	


Allow Structure Assignment for EDIDC40

Maintain Source Structure

LSM Workbench: TEST_BAPI_TS, MATERIAL_CREATE, BASIC_DA

User Menu Numbering Off Double Click=Display Object Overview Action Log

- Process Step
- Maintain Object Attributes
- Maintain Source Structures**
- Maintain Source Fields



Source Structures Edit Goto Utilities System Help

LSM Workbench: **Change Source Structures**


TEST_BAPI_TS - MATERIAL_CREATE - BASIC_DATA Material Basic Data

Source Structures

Create Source Structure

Source Structure: MAT_CREATE

Description: Material Basic Data



LSM Workbench: Change Source Structures

TEST_BAPI_TS - MATERIAL_CREATE - BASIC_DATA Material Basic Data

Source Structures

- MAT_CREATE Material Basic Data

Maintain Source Fields

LSM Workbench: Change Source Fields

TEST_BAPI_TS - MATERIAL_CREATE - BASIC_DATA Material Basic Data

Source Fields


Change Source Field

Source Structure: MAT_CREATE
Material Basic Data

Field Name: MATNR
Field description: Material
Field Length: 18
Field Type: C Field with Alphanumerical Contents (Character Field)

Identifying Field Content

Selection Parameter for "Import/Convert Data"



LSM Workbench: Change Source Fields

TEST_BAPI_TS - MATERIAL_CREATE - BASIC_DATA Material Basic Data

Source Fields

MAT_CREATE Material Basic Data

MATNR	C(018)	Material
MTART	C(004)	Material Type
MBSH	C(001)	Industry Sector
MAKTX	C(040)	Material Description
MATKL	C(009)	Material Group
MEINS	C(003)	Base Unit of Measure
NTGEW	C(013)	Net Weight
GEWEI	C(003)	Weight Unit
WERKS	C(004)	Plant
BKLAS	C(004)	Valuation Class
VPRSV	C(001)	Price control indicator
STPRS	C(011)	Standard Price
PEINH	C(005)	Price Unit

Maintain Structure Relations. Explore

Note: BAPI Structures are differ from SAP standard table structure!

Relationships Edit Goto Utilities System Help

LSM Workbench: Change Structure Relationships

Relationship Relationship Subtree Position

TEST_BAPI_TS - MATERIAL_CREATE - BASIC_DATA Material Basic Data

Structure Relations

- E1BPMATHEAD Header Segment with Control Information
- E1BP_MARA Material Data at Client Level**
- E1BP_MARAX Checkbox Structure for BAPI_MARA
- E1BP_MARC Material Data at Plant Level
- E1BP_MARCX Checkbox Structure for BAPI_MARC
- E1BP_MPOP Forecast Parameters
- E1BP_MPOFX Checkbox Structure for BAPI_MPOP
- E1BP_MPGD Change Document Structure for Material Master/Product Group
- E1BP_MPGDX Checkbox Structure for BAPI_MPGD
- E1BP_MARD Material Data at Storage Location Level
- E1BP_MARDX Checkbox Structure for BAPI_MARD
- E1BP_MBEW Valuation Data
- E1BP_MBEWX Checkbox Structure for BAPI_MBEW
- E1BP_MLGN Warehouse Number Data
- E1BP_MLGNX Checkbox Structure for BAPI_MLGN
- E1BP_MVKE Sales Data
- E1BP_MVKEKX Checkbox Structure for BAPI_MVKE
- E1BP_MLGT Storage Type Data
- E1BP_MLGTIX Checkbox Structure for BAPI_MLGT
- E1BP_MAKT Material Descriptions
- E1BP_MARM Units of Measure
- E1BP_MARMX Checkbox Structure for BAPI_MARM
- E1BP_MEAN International Article Numbers (EANs)
- E1BP_MLTX Long Texts
- E1BP_MLAN Tax Data
- E1BP_MATRETURN2 Substitute Structure for Return Parameter BAPIRET2
- E1BP_MFHM Production Resource Tool (PRT) Fields in the Material Master
- E1BP_MFHMX Checkbox Structure for BAPI_MFHM
- E1BPPAREX Ref. Structure for BAPI Parameter EXTENSIONIN/EXTENSIONOUT
- E1BPPAREXX Checkbox Structure for Extension In/Extension Out

Dictionary: Display Structure

Structure: E1BP_MARA Active

Short Description: Material Data at Client Level

Attributes Components Entry help/check Currency/quantity fields

Predefined Type 1 / 125

Component	Typing Method	Component Type	Data Type	Length	Deci...	Short
DEL_FLAG	Types		CHAR	1	0	
MATL_GROUP	Types		CHAR	9	0	
OLD_MAT_NO	Types		CHAR	18	0	
BASE_UOM	Types		CHAR	3	0	
BASE_UOM_ISO	Types		CHAR	3	0	
PO_UNIT	Types		CHAR	3	0	
PO_UNIT_ISO	Types		CHAR	3	0	
DOCUMENT	Types		CHAR	22	0	
DOC_TYPE	Types		CHAR	3	0	
DOC_VERS	Types		CHAR	2	0	
DOC_FORMAT	Types		CHAR	4	0	
DOC_CHG_NO	Types		CHAR	6	0	
PAGE_NO	Types		CHAR	3	0	
NO_SHEETS	Types		CHAR	3	0	
PROD_MEMO	Types		CHAR	18	0	
PAGEFORMAT	Types		CHAR	4	0	
SIZE_DIM	Types		CHAR	32	0	
BASIC_MATL	Types		CHAR	48	0	
STD_DESCR	Types		CHAR	18	0	

Maintain Structure Relations

Relationships Edit Goto Utilities System Help

LSM Workbench: Change Structure Relationships

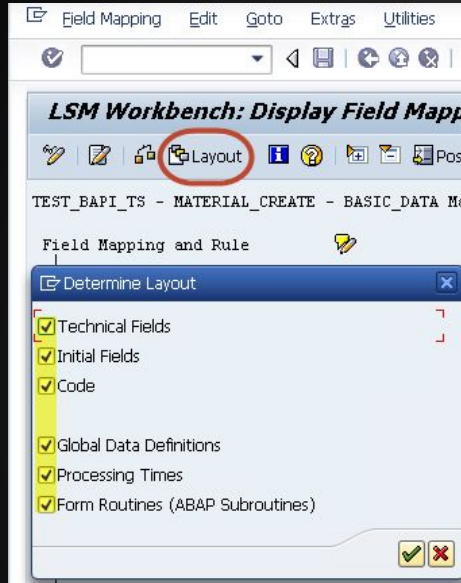
Relationship Relationship Subtree Position

TEST_BAPI_TS - MATERIAL_CREATE - BASIC_DATA Material Basic Data

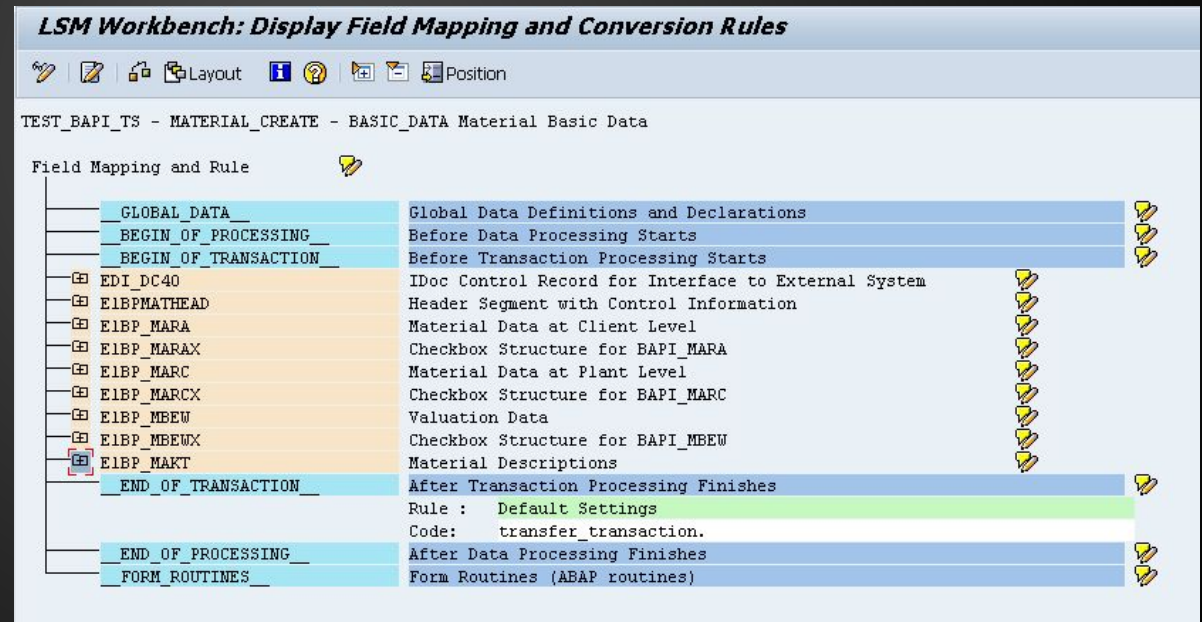
Structure Relations

E1BPMATHEAD	Header Segment with Control Information	<<<< MAT_CREATE Material Basic Data
E1BP_MARA	Material Data at Client Level	<<<< MAT_CREATE Material Basic Data
E1BP_MARAX	Checkbox Structure for BAPI_MARA	<<<< MAT_CREATE Material Basic Data
E1BP_MARC	Material Data at Plant Level	<<<< MAT_CREATE Material Basic Data
E1BP_MARCX	Checkbox Structure for BAPI_MARC	<<<< MAT_CREATE Material Basic Data
E1BP_MPOP	Forecast Parameters	
E1BP_MPOPX	Checkbox Structure for BAPI_MPOP	
E1BP_MPGD	Change Document Structure for Material Master/Product Group	
E1BP_MPGDX	Checkbox Structure for BAPI_MPGD	
E1BP_MARD	Material Data at Storage Location Level	
E1BP_MARDX	Checkbox Structure for BAPI_MARD	
E1BP_MBEW	Valuation Data	<<<< MAT_CREATE Material Basic Data
E1BP_MBEWX	Checkbox Structure for BAPI_MBEW	<<<< MAT_CREATE Material Basic Data
E1BP_MLGN	Warehouse Number Data	
E1BP_MLGNX	Checkbox Structure for BAPI_MLGN	
E1BP_MVKE	Sales Data	
E1BP_MVKEX	Checkbox Structure for BAPI_MVKE	
E1BP_MLGT	Storage Type Data	
E1BP_MLGTX	Checkbox Structure for BAPI_MLGT	
E1BP_MAKT	Material Descriptions	<<<< MAT_CREATE Material Basic Data
E1BP_MARM	Units of Measure	
E1BP_MARMX	Checkbox Structure for BAPI_MARM	
E1BP_MEAN	International Article Numbers (EANs)	
E1BP_MLTX	Long Texts	
E1BP_MLAN	Tax Data	
E1BP_MATRETURN2	Substitute Structure for Return Parameter BAPIRET2	
E1BP_MFHM	Production Resource Tool (PRT) Fields in the Material Master	
E1BP_MFHMX	Checkbox Structure for BAPI_MFHM	
E1BPPAREX	Ref. Structure for BAPI Parameter EXTENSIONIN/EXTENSIONOUT	
E1BPPAREXX	Checkbox Structure for Extension In/Extension Out	

Maintain Field Mapping and Conversion Rules. Layout



Note: Be very attentive. Some structures have mandatory fields which need to be maintained, otherwise data will not be uploaded!



Maintain Field Mapping and Conversion Rules. Source field

LSM Workbench: Change Field Mapping and Conversion Rules

Source Field Source Field Rule Layout Position Initial

TEST_BAPI_TS - MATERIAL_CREATE - BASIC_DATA Material Basic Data

Field Mapping and Rule

E1BPMATHEAD-MATERIAL: Assign Source Field

No.	Source Structure	Source Field	Description
0001	MAT_CREATE	MATNR	Material
0002	MAT_CREATE	MTART	Material Ty
0003	MAT_CREATE	MBRSH	Industry Se
0004	MAT_CREATE	MAKTX	Material De
0005	MAT_CREATE	MATKL	Material Gr
0006	MAT_CREATE	MEINS	Base Unit o
0007	MAT_CREATE	NTGEW	Net Weight
0008	MAT_CREATE	GEWEI	Weight Unit
0009	MAT_CREATE	WERKS	Plant
0010	MAT_CREATE	BKLAS	Valuation C
0011	MAT_CREATE	VPRSV	Price contr
0012	MAT_CREATE	STPRS	Standard Pr
0013	MAT_CREATE	PEINH	Price Unit

1 MATERIAL

2

3

GLOBAL_DATA_ Global Data
BEGIN_OF_PROCESSING_ Before Data
BEGIN_OF_TRANSACTION_ Before Trans
EDI_DC40 IDoc Control
E1BPMATHEAD Header Segme
Fields
BEGIN_OF_RECORD_ Before Using Co
Rule : Defaul
Code: g_edid
g_edid
g_edid
g_edid
clear
IND_SECTOR Indust

Maintain Field Mapping and Conversion Rules. Constant

LSM Workbench: Change Field Mapping and Conversion Rules

TEST_BAPI_TS - MATERIAL_CREATE - BASIC_DATA Material Basic Data

Field Mapping and Rule

GLOBAL_DATA	Global Data Definitions and Declarations
BEGIN_OF_PROCESSING	Before Data Processing Starts
BEGIN_OF_TRANSACTION	Before Transaction Processing Starts
EDI_DC40	IDoc Control Record for Interface to External System
E1BPMATHEAD	Header Segment with Control Information

Fields

BEGIN_OF_RECORD	Before Using Conversion Rules	Rule : Default Settings Code: g_edidd_segnam = 'E2BPMATHEAD001'. g_edidd_segnum = '0001'. g_edidd_psgnum = '000000'. g_edidd_hlevel = '01'. clear E1BPMATHEAD.
MATERIAL	Material Number	Source: MAT_CREATE-MATNR (Material) Rule : Transfer (MOVE) Code: E1BPMATHEAD-MATERIAL = MAT_CREATE-MATNR.
IND_SECTOR	Industry sector	Source: MAT_CREATE-MBRSH (Industry Sector) Rule : Transfer (MOVE) Code: E1BPMATHEAD-IND_SECTOR = MAT_CREATE-MBRSH.
MATL_TYPE	Material Type	Source: MAT_CREATE-MTART (Material Type) Rule : Transfer (MOVE) Code: E1BPMATHEAD-MATL_TYPE = MAT_CREATE-MTART.
BASIC_VIEW	Basic Data View	
SALES_VIEW	Sales View	
PURCHASE_VIEW	Purchasing View	

1

2

3

Value For E1BPMATHEAD-BASI...
Basic Data

LSM Workbench: Change Field Mapping and Conversion Rules

Source Field Source Field Rule Layout Position Initial Constant

TEST_BAPI_TS - MATERIAL_CREATE - BASIC_DATA Material Basic Data

Field Mapping and Rule

GLOBAL_DATA__	Global Data Definitions and Declarations
BEGIN_OF_PROCESSING__	Before Data Processing Starts
BEGIN_OF_TRANSACTION__	Before Transaction Processing Starts
EDI_DC40	IDoc Control Record for Interface to External System
EIBPMPATHHEAD	Header Segment with Control Information
Fields	
BEGIN_OF_RECORD__	Before Using Conversion Rules
Rule :	Default Settings
Code:	g_edidd_segnam = 'E2BPMPATHHEAD001'. g_edidd_segnum = '0001'. g_edidd_psgnum = '0000000'. g_edidd_hlevel = '01'. clear EIBPMPATHHEAD.
MATERIAL	Material Number
Source:	MAT_CREATE-MATNR (Material)
Rule :	Transfer (MOVE)
Code:	EIBPMPATHHEAD-MATERIAL = MAT_CREATE-MATNR.
IND_SECTOR	Industry sector
Source:	MAT_CREATE-MBRSH (Industry Sector)
Rule :	Transfer (MOVE)
Code:	EIBPMPATHHEAD-IND_SECTOR = MAT_CREATE-MBRSH.
MATL_TYPE	Material Type
Source:	MAT_CREATE-MTART (Material Type)
Rule :	Transfer (MOVE)
Code:	EIBPMPATHHEAD-MATL_TYPE = MAT_CREATE-MTART.
BASIC_VIEW	Basic Data View
Rule :	Constant
Code:	EIBPMPATHHEAD-BASIC_VIEW = 'X'.
SALES_VIEW	Sales View
PURCHASE_VIEW	Purchasing View
MRP_VIEW	Material Requirements Planning (MRP) View
FORECAST_VIEW	Forecasting View
WORK_SCHED_VIEW	Work Scheduling View
PRT_VIEW	Production Resources/Tools (PRT) View
STORAGE_VIEW	Storage View
WAREHOUSE_VIEW	Warehouse Management View
QUALITY_VIEW	Quality Management View
ACCOUNT_VIEW	Accounting View
Rule :	Constant
Code:	EIBPMPATHHEAD-ACCOUNT_VIEW = 'X'.
COST_VIEW	Costing View
INP_FLD_CHECK	Response if Fields Are Inactive
MATERIAL_EXTERNAL	Long Material Number for MATERIAL Field
MATERIAL_SUPP	Supplier Material Number for MATERIAL Field

LSM Workbench: Change Field Mapping and Conversion Rules

Source Field Source Field Rule Layout Position Initial Constant Move

TEST_BAPI_TS - MATERIAL_CREATE - BASIC_DATA Material Basic Data

EIBPMPATHHEAD	Header Segment with Control Information
EIBP_MARA	Material Data at Client Level
Fields	
BEGIN_OF_RECORD__	Before Using Conversion Rules
Rule :	Default Settings
Code:	g_edidd_segnam = 'E2BP_MARA004'. g_edidd_segnum = '0002'. g_edidd_psgnum = '0000000'. g_edidd_hlevel = '01'. clear EIBP_MARA.
DEL_FLAG	Flag Material for Deletion at Client Level
MATL_GROUP	Material Group
Source:	MAT_CREATE-MATKL (Material Group)
Rule :	Transfer (MOVE)
Code:	EIBP_MARA-MATL_GROUP = MAT_CREATE-MATKL.
OLD_MAT_NO	Old material number
BASE_UOM	Base Unit of Measure
Source:	MAT_CREATE-MEINS (Base Unit of Measure)
Rule :	Transfer (MOVE)
Code:	EIBP_MARA-BASE_UOM = MAT_CREATE-MEINS.
BASE_UOM_ISO	Base unit of measure in ISO code
PO_UNIT	Purchase Order Unit of Measure
PO_UNIT_ISO	Order unit in ISO code
DOCUMENT	Document number (without document management system)
DOC_TYPE	Document type (without Document Management system)
DOC_VERS	Document version (without Document Management system)
DOC_FORMAT	Page format of document (without Document Management system)
DOC_CHG_NO	Document change number (without document management system)
PAGE_NO	Page number of document (without Document Management system)
NO_SHEETS	Number of sheets (without Document Management system)
PROD_MEMO	Production/inspection memo
PAGEFORMAT	Page Format of Production Memo
SIZE_DIM	Size/dimensions
BASIC_MATL	Basic Material
STD_DESCR	Industry Standard Description (such as ANSI or ISO)
DSM_OFFICE	Laboratory/design office
PUR_VALKEY	Purchasing Value Key
NET_WEIGHT	Net Weight
Source:	MAT_CREATE-NETGEW (Net Weight)
Rule :	Transfer (MOVE)
Code:	EIBP_MARA-NET_WEIGHT = MAT_CREATE-NETGEW.
UNIT_OF_UT	Weight Unit
Source:	MAT_CREATE-GEWEI (Weight Unit)
Rule :	Transfer (MOVE)
Code:	EIBP_MARA-UNIT_OF_UT = MAT_CREATE-GEWEI.
UNIT_OF_UT_ISO	Unit of weight in ISO code

LSM Workbench: Change Field Mapping and Conversion Rules

Source Field Source Field Rule Layout Position Initial Constant Me

TEST_BAPI_TS - MATERIAL_CREATE - BASIC_DATA Material Basic Data

EIBP_MARA Material Data at Client Level
EIBP_MARAX Checkbox Structure for BAPI_MARA

Fields

Field Name	Before Using Conversion Rules
BEGIN_OF_RECORD	Rule : Default Settings Code: g_edidd_segnam = 'EZBP_MARAX008'. g_edidd_segnum = '0004'. g_edidd_psgnum = '000000'. g_edidd_hlevel = '01'. clear EIBP_MARAX.
DEL_FLAG	Updated information in related user data field
MATL_GROUP	Rule : Constant Code: EIBP_MARAX-MATL_GROUP = 'X'.
OLD_MAT_NO	Updated information in related user data field
BASE_UOM	Rule : Constant Code: EIBP_MARAX-BASE UOM = 'X'.
BASE_UOM_ISO	Updated information in related user data field
PO_UNIT	Updated information in related user data field
PO_UNIT_ISO	Updated information in related user data field
DOCUMENT	Updated information in related user data field
DOC_TYPE	Updated information in related user data field
DOC_VERS	Updated information in related user data field
DOC_FORMAT	Updated information in related user data field
DOC_CHG_NO	Updated information in related user data field
PAGE_NO	Updated information in related user data field
NO_SHEETS	Updated information in related user data field
PROD_MEMO	Updated information in related user data field
PAGEFORMAT	Updated information in related user data field
SIZE_DIM	Updated information in related user data field
BASIC_MATL	Updated information in related user data field
STD_DESCR	Updated information in related user data field
DSM_OFFICE	Updated information in related user data field
PUR_VALKEY	Updated information in related user data field
NET_WEIGHT	Rule : Constant Code: EIBP_MARAX-NET WEIGHT = 'X'.
UNIT_OF_WT	Updated information in related user data field Rule : Constant Code: EIBP_MARAX-UNIT_OF_WT = 'X'.
UNIT_OF_WT_ISO	Updated information in related user data field
CONTAINER	Updated information in related user data field
STOR_CONDS	Updated information in related user data field
TEMP_CONDS	Updated information in related user data field

Note: The remaining structures should be mapped by analogy.

Mandatory fields for remaining structures:

MARC, MARCX: Plant (Source field)

MBEW: Valuation Area (Source field)

MBEWX: Valuation Area (Constant)

Specify files

LSM Workbench: Specify Files (Change)

TEST_BAPI_TS - MATERIAL_CREATE - BASIC_DATA Material Basic Data

Files

- Legacy Data On the PC (Frontend)

File on Front End: Maintain Properties

File: \\tsclient\D\TEST_1_1.txt

Name: HANA_1_1

File Contents

Data for One Source Structure (Table)

Data for Multiple Source Structures (Seq. File)

Delimiter

No Separator Comma

Tabulator Blanks

Semi-Colon Other

File Structure

Field Names at Start of File

Field Order Matches Source Structure Definition

File Type

Record End Marker (Text File)

Fixed Rec. Length (Bin. File)

Hexadecimal Lth Field (4 Bytes) at Start of Record

Code Page

ASCII IBM DOS

LSM Workbench: Specify Files (Change)

TEST_BAPI_TS - MATERIAL_CREATE - BASIC_DATA Material Basic Data

Files

- Legacy Data On the PC (Frontend)
 - HANA_1_1 \\tsclient\D\TEST_1_1.txt
Data for One Source Structure (Table)
Separator Tabulator
Field Order Matches Source Structure Definition
With Record End Indicator (Text File)
Code Page ASCII
- Legacy Data On the R/3 server (application server)
- Imported Data File for Imported Data (Application Server)
 - Imported Data TEST_BAPI_TS_MATERIAL_CREATE_BASIC_DATA.lsmw.read
- Converted Data File for Converted Data (Application Server)
 - Converted Data TEST_MATERIAL_CREATE_BASIC_DATA.lsmw.conv
- Wildcard Value Value for Wildcard '*' in File Name

LSM Workbench: Specify Files (Change)


TEST_1_1 - Notepad

File Edit Format View Help

T2927	HAWA	C	Red Smith	300	ST	40	G	1000	3100	S	23	1
T2928	HAWA	C	Anchovies	300	ST	100	G	1000	3100	S	12	1
T2929	HAWA	C	Tomato Paste	300	ST	150	G	1000	3100	S	29	1

Read Data

LSM Workbench: Import Data For TEST_BAPI_TS, MATERIAL_CREATE, BASIC_DA




General Selection Parameter

Transaction Number to

Value Fields -> 1234.56

Data Value -> YYYYMMDD



LSM Workbench: Import Data For TEST_BAPI_TS, MATERIAL_CREATE, BASIC_DA

LSM Workbench: Import Data For TEST_BAPI_TS, MATERIAL_CREATE, BASIC_DA

11.05.2015 - 11:20:42

File(s) Read:

File Written:

Source Structure	Read	Written	Not Written
MAT_CREATE	3	3	0

Transactions Read:	Records Read:	Transactions Written:	Records Written:
3	3	3	3

Display Read Data

LSM Workbench: Imported Data

Field Contents

File Contents TEST_BAPI_TS_MATERIAL_CREATE_BASIC_DATA.lsmw.read

Row	Hierarchy Level	Structure	Conts.
		File Information	LSMWTEST_BAPI_TS_MATERIAL_CREATEBASIC_DATA_ERI_80020150511112039T.SKRYPKO
1	01	MAT_CREATE	T2927 HAWACRed Smith 300 ST 40 G 10003100S23 1
2	01	MAT_CREATE	T2928 HAWACAnchovies 300 ST 100 G 10003100S12 1
3	01	MAT_CREATE	T2929 HAWACTomato Paste 300 ST 150 G 10003100S29 1

LSM Workbench: Imported Data

Structure MAT_CREATE

Field Name	Field Text	Field Length	Field Value
MATNR	Material	18	T2927
MTART	Material Type	4	HAWA
MBRSH	Industry Sector	1	C
MAKTX	Material Description	40	Red Smith
MATKL	Material Group	9	300
MEINS	Base Unit of Measure	3	ST
NTGEW	Net Weight	13	40
GEWEI	Weight Unit	3	G
WERKS	Plant	4	1000
BKLAS	Valuation Class	4	3100
VPRSV	Price control indicator	1	S
STPRS	Standard Price	11	23
PEINH	Price Unit	5	1

Convert Data

LSM Workbench: Convert Data For TEST_BAPI_TS, MATERIAL_CREATE, BASIC_D


General Selection Parameter

Transaction Number to

Output Type

Create File
 Create IDocs Directly

Number of IDocs per Package



LSM Workbench: Convert Data For TEST_BAPI_TS, MATERIAL_CREATE, BASIC_D

LSM Workbench: Convert Data For TEST_BAPI_TS, MATERIAL_CREATE, BASIC_D

11.05.2015 - 11:34:25

File Read:
TEST_BAPI_TS_MATERIAL_CREATE_BASIC_DATA.lsmw.read

File Written:
TEST_MATERIAL_CREATE_BASIC_DATA.lsmw.conv

Transactions Read:	Records Read:	Transactions Written:	Records Written:
3	3	3	27

Display Converted Data

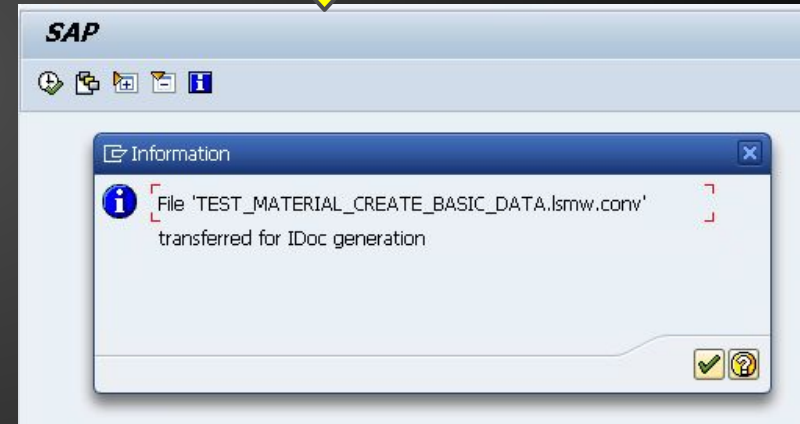
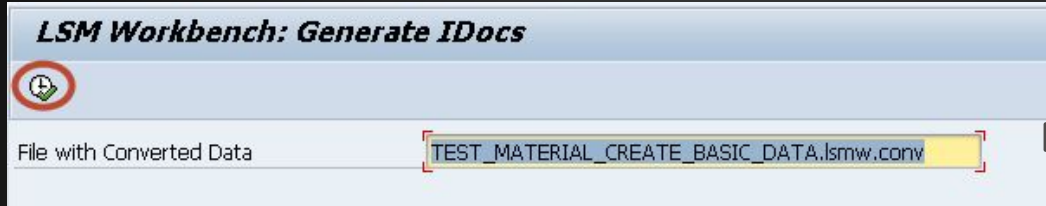
LSM Workbench: Converted Data

Field Contents

File Contents TEST_MATERIAL_CREATE_BASIC_DATA.lsmw.conv

Row	Hierarchy Level	Structure	Contents
1	00	EDI_DC40	EDI_DC40_U800 1 740 2 MATMAS_BAPI03 MATMAS_BAPI
2	01	E1BPMATHEAD	E2BPMATHEAD001 800 1 00000100000001T2927 CHAWAX X
3	01	E1BP_MARA	E2BP_MARA004 800 1 00000200000001 300 ST
4	01	E1BP_MARAX	E2BP_MARAX008 800 1 00000300000001 X X XX
5	01	E1BP_MARC	E2BP_MARCO02 800 1 000004000000011000
6	01	E1BP_MARCX	E2BP_MARCX004 800 1 000005000000011000
7	01	E1BP_MBEW	E2BP_MBEW000 800 1 000006000000011000 S 23
8	01	E1BP_MBEWX	E2BP_MBEWX000 800 1 000007000000011000 X XXX
9	02	E1BP_MAKT	E2BP_MAKT000 800 1 00000800000002E Red.Smith
10	00	EDI_DC40	EDI_DC40_U800 2 740 2 MATMAS_BAPI03 MATMAS_BAPI
11	01	E1BPMATHEAD	E2BPMATHEAD001 800 2 00000100000001T2928 CHAWAX X
12	01	E1BP_MARA	E2BP_MARA004 800 2 00000200000001 300 ST
13	01	E1BP_MARAX	E2BP_MARAX008 800 2 00000300000001 X X XX
14	01	E1BP_MARC	E2BP_MARCO02 800 2 000004000000011000
15	01	E1BP_MARCX	E2BP_MARCX004 800 2 000005000000011000
16	01	E1BP_MBEW	E2BP_MBEW000 800 2 000006000000011000 S 12
17	01	E1BP_MBEWX	E2BP_MBEWX000 800 2 000007000000011000 X XXX
18	02	E1BP_MAKT	E2BP_MAKT000 800 2 00000800000002E Anchovies
19	00	EDI_DC40	EDI_DC40_U800 3 740 2 MATMAS_BAPI03 MATMAS_BAPI
20	01	E1BPMATHEAD	E2BPMATHEAD001 800 3 00000100000001T2929 CHAWAX X
21	01	E1BP_MARA	E2BP_MARA004 800 3 00000200000001 300 ST
22	01	E1BP_MARAX	E2BP_MARAX008 800 3 00000300000001 X X XX
23	01	E1BP_MARC	E2BP_MARCO02 800 3 000004000000011000
24	01	E1BP_MARCX	E2BP_MARCX004 800 3 000005000000011000
25	01	E1BP_MBEW	E2BP_MBEW000 800 3 000006000000011000 S 29
26	01	E1BP_MBEWX	E2BP_MBEWX000 800 3 000007000000011000 X XXX
27	02	E1BP_MAKT	E2BP_MAKT000 800 3 00000800000002E Tomato.Paste

Start IDoc Generation



Create IDoc Overview

IDoc List

Default Additional EDI

Created At 11:37:55 to 24:00:00

Created On 11.05.2015 to 11.05.2015

Last Changed at 00:00:00 to 24:00:00

Last Changed on to

Direction

IDoc Number to

Current Status to

Basic Type to

Enhancement to

Logical Message MATMAS_BAPI to

Message Variant to

Message Function to

Partner Port to

Partner Number TEST_BAPI to

Partner Type US to

Partner Role to



IDoc List

Inbound IDocs MATMAS_BAPI Status: 53

IDoc Number	Segm...	Sta...	Sta...	Partner	Basic type	Date creat.	Time	Messg...	Direction	Port
00000000024978...	8	53	OO	US/ /TEST_BAPI	MATMAS...	11.05.2015	11:38:01	MATM...	Inbox	TEST_BAPI
00000000024978...	8	53	OO	US/ /TEST_BAPI	MATMAS...	11.05.2015	11:38:02	MATM...	Inbox	TEST_BAPI
00000000024978...	8	53	OO	US/ /TEST_BAPI	MATMAS...	11.05.2015	11:38:02	MATM...	Inbox	TEST_BAPI