

LSMW

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1. Recording:

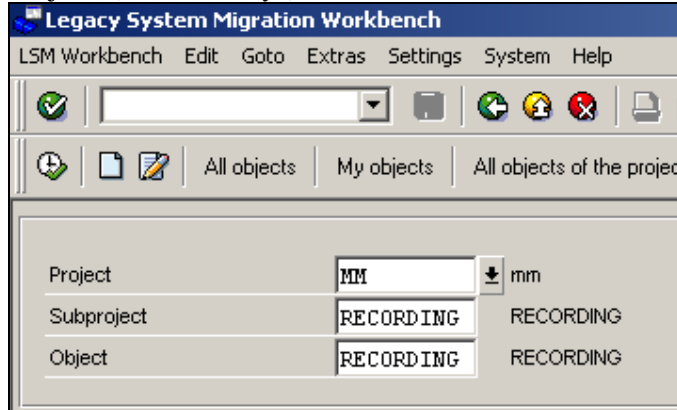
In order to perform a conversion, you need to have a TXT file with your conversion data. The first line to the file is the "field technical name".

Example of Vendor change excel file:

LIFNR	EKORG	STREET	HOUSE_NUM1	TEL_NUMBER	FAX_NUMBER
405436	4050	Namir	22	972-222222	972-333333

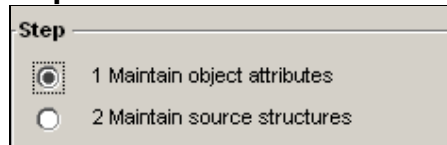
Recording of change vendor.


Project: (in Phantom sys)

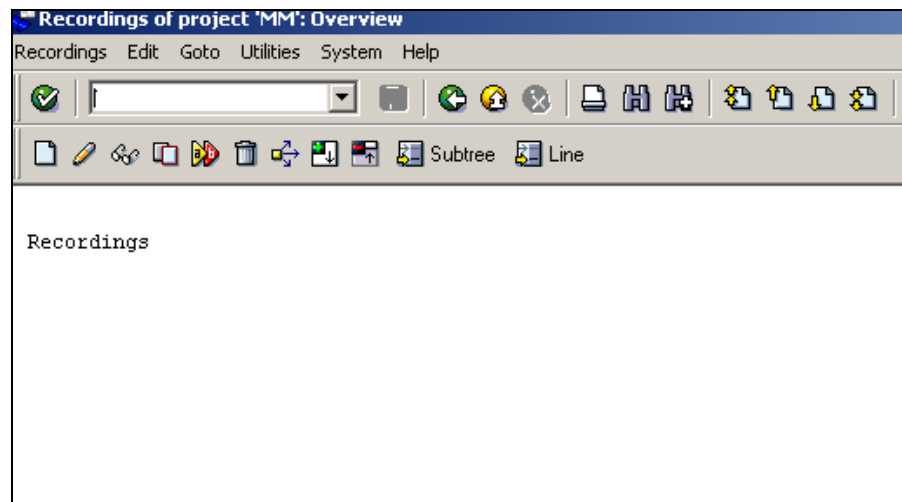


1.2 Process Steps: (Recording)

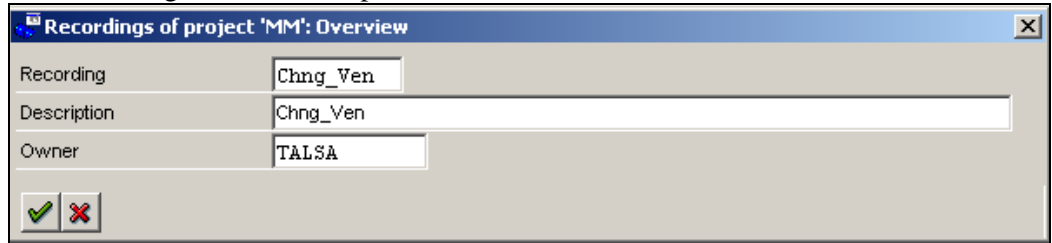
Step 1:




1. Click on: 
The following window will open:



2. Click on 
The following window will open:




The screenshot shows a window titled "Recordings of project 'MM': Overview". It contains three input fields: "Recording" with the value "Chng_Ven", "Description" with the value "Chng_Ven", and "Owner" with the value "TALSA". At the bottom left, there are two buttons: a green checkmark and a red X.

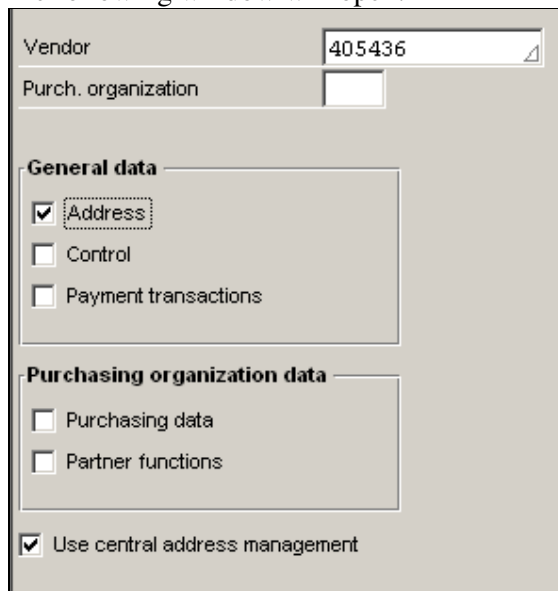
3. Click on 
The following window will open:



The screenshot shows a window titled "Transaction code". It contains one input field labeled "Transaction code" with the value "mk02". At the bottom left, there are two buttons: a green checkmark and a red X.

4. Enter transaction code, and click .

5. The following window will open:



The screenshot shows a window for configuring a vendor. It has a "Vendor" field with the value "405436" and an empty "Purch. organization" field. Below these are two sections: "General data" and "Purchasing organization data".

General data

- Address
- Control
- Payment transactions

Purchasing organization data

- Purchasing data
- Partner functions

Use central address management

Remark: in order to perform the recording like the original transaction transaction

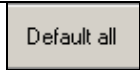
Mark: Use central address management if not you will get the views of the Transaction differently.

6. Change / create the vendor. And click Save.

7. The following window will open:

Recording CHNG_VEN		Chng_Ven
MK02 Change vendor (Purchasing)		
SAPMF02K 0108		
BDC_CURSOR	RF02K-D0110	
BDC_OKCODE	/00	
RF02K-LIFNR	405436	
RF02K-EKORG	4050	
RF02K-D0110	X	
USE_ZAV	X	
SAPMF02K 0111		
BDC_OKCODE	=UPDA	
BDC_SUBSCR	SAPLSZAL	
BDC_SUBSCR	SAPLSZAL	
BDC_CURSOR	SZAL_D0100-TITLE_MEDI	
SZAL_D0100-TITLE_MEDI	Company	
ADDR1_DATA-NAME1	Local Vendor	
ADDR1_DATA-SORT1	LOCAL	
ADDR1_DATA-STREET	Street	
ADDR1_DATA-HOUSE_NUM1	3rd Floor	
ADDR1_DATA-COUNTRY	IN	
ADDR1_DATA-LANGU	EN	
SZAL_D0100-TEL_NUMBER	91-020-27408200	
SZAL_D0100-FAX_NUMBER	91-020-27459671	

Default all


8. Click on  button. (The technical name and the description will appear.)

9. Click : 

10. Click 

11. Click 

12. You will get back to the first step screen.

Click on  and choose the recording that you made:

Attributes

Object: RECORDING1 | RECORDING1

Owner: TALSA | Rachel Ben Zvi

Data transfer: once periodic


File names: system dependent

Object type and import technique

Standard Batch/Direct Input



Object:

Method:

Program name: 

Program type:

Batch Input Recording

Recording: CHNG_VEN Chng_Ven  

Business Object Method (BAPI)

Business object:

Method:

Message type:

Basic type:

IDoc (Intermediate Document)

Message type:

Basic type:


Enhancement:

Enable structure relation for EDIDC40

13. Click : 

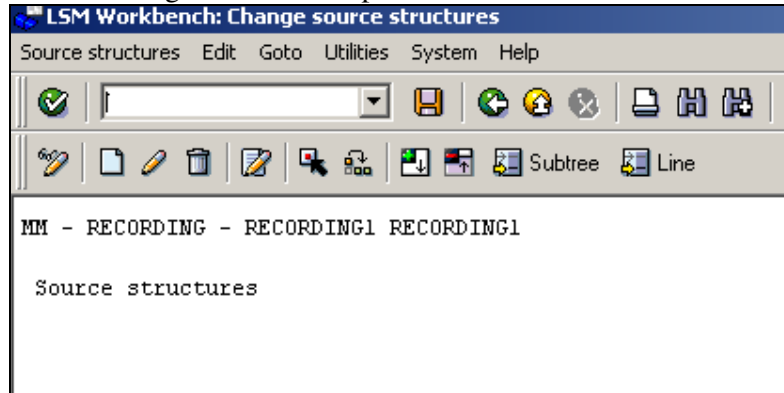
14. Click 


Step 2:

2 Maintain source structures , and click 

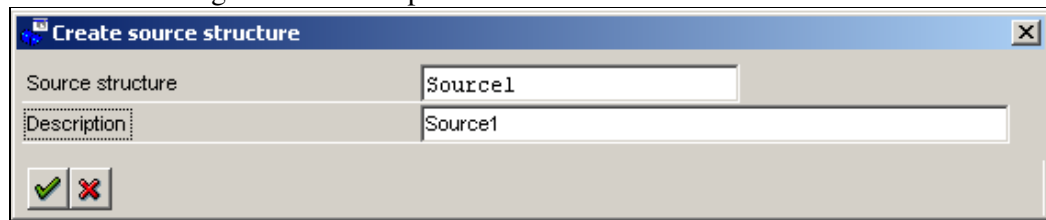
[Step 2:](#) you define from how many source structure you will upload your data.

15. The following window will open:




16. Click on .

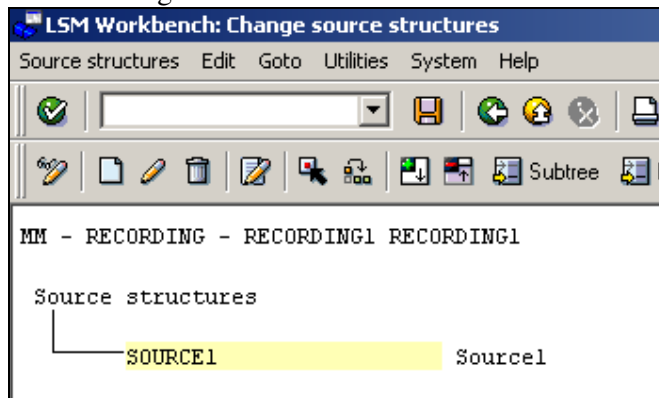
17. The following window will open:



Enter the source structure and the description.

18. Click on: .

19. The following data will be added:




20. Click : .

21. Click .

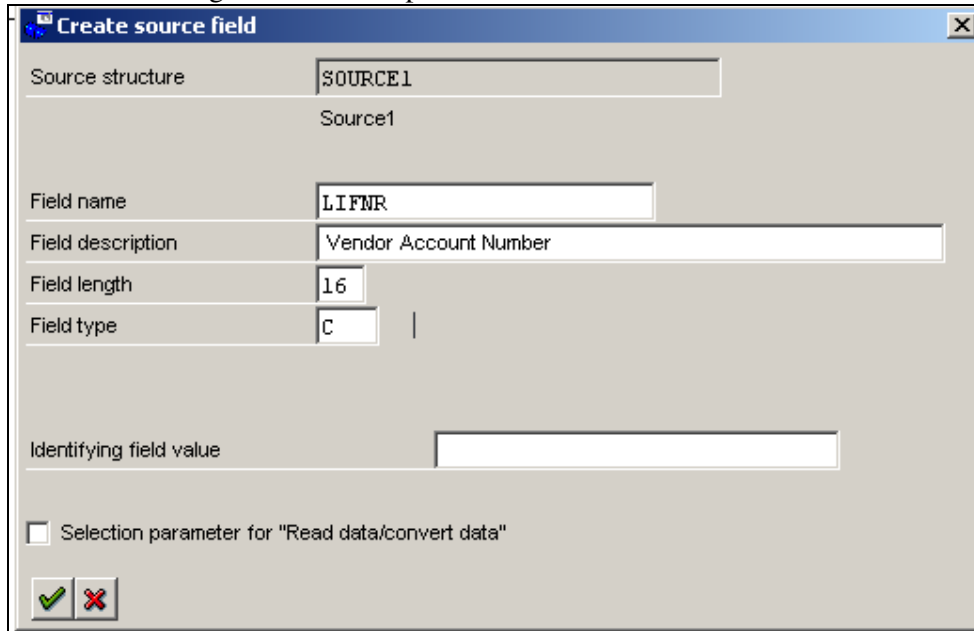
Step 3:

3 Maintain source fields , and click .

Step 3: You maintain the source fields (the fields from you're TXT excel file) that you created in advance. You can not convert field that does not exist in the source structure.

22. Put you cursor on the source field you created in step 2, and click .

23. The following window will open:



Source structure: SOURCE1
Source1

Field name: LIFMR
Field description: Vendor Account Number
Field length: 16
Field type: C

Identifying field value:

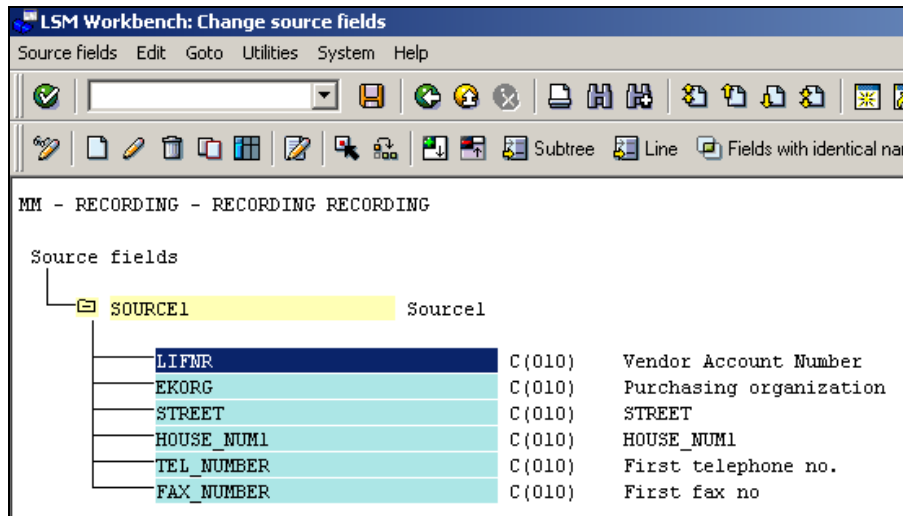
Selection parameter for "Read data/convert data"

24. Enter the following values:


- Field name
- Description
- Length
- field type

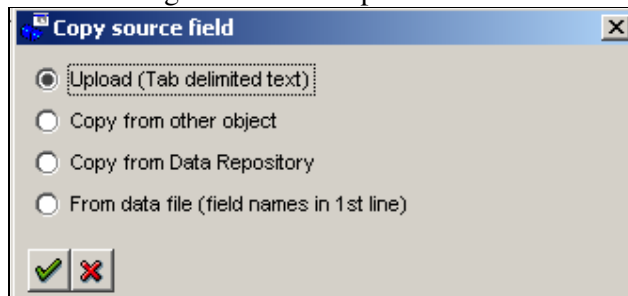
25. Click: .


26. The field will be added to the source structure.
(continue to enter all the fields you need to convert and save).



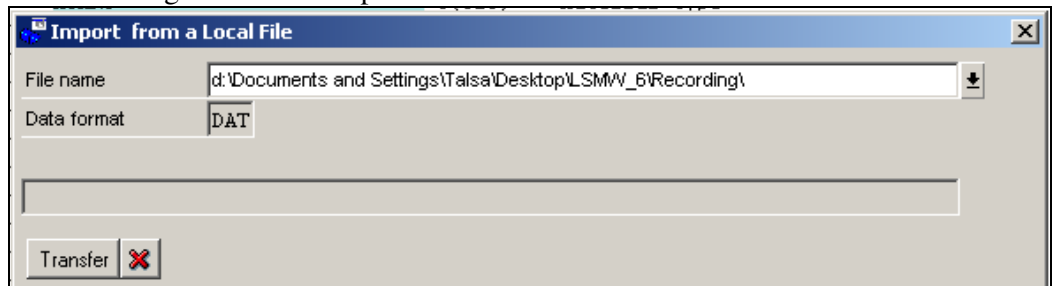
Remark: you can create the source fields manually or you can upload the field's source structure from TXT file:

27. Click on copy icon: 
 The following window will open:



28. Choose "upload (Tab delimited text) option, click: 

29. The following window will open:

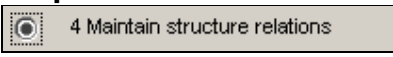



30. Enter you attachment file, click on: "Transfer" (your data will be upload)

31. Click : 

32. Click 

Step 4:

 4 Maintain structure relations , and click .



Step 4: Maintain the structure relationship.

You assign the source structure to the target structure. Usually you will have only one source structure.

33. Click : 

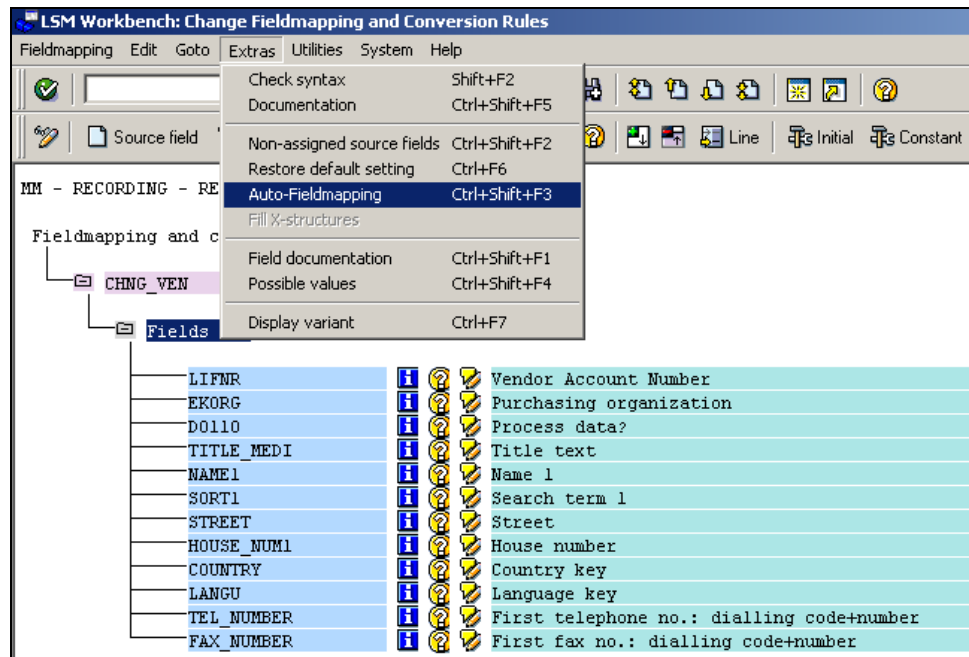
34. Click 

Step 5:

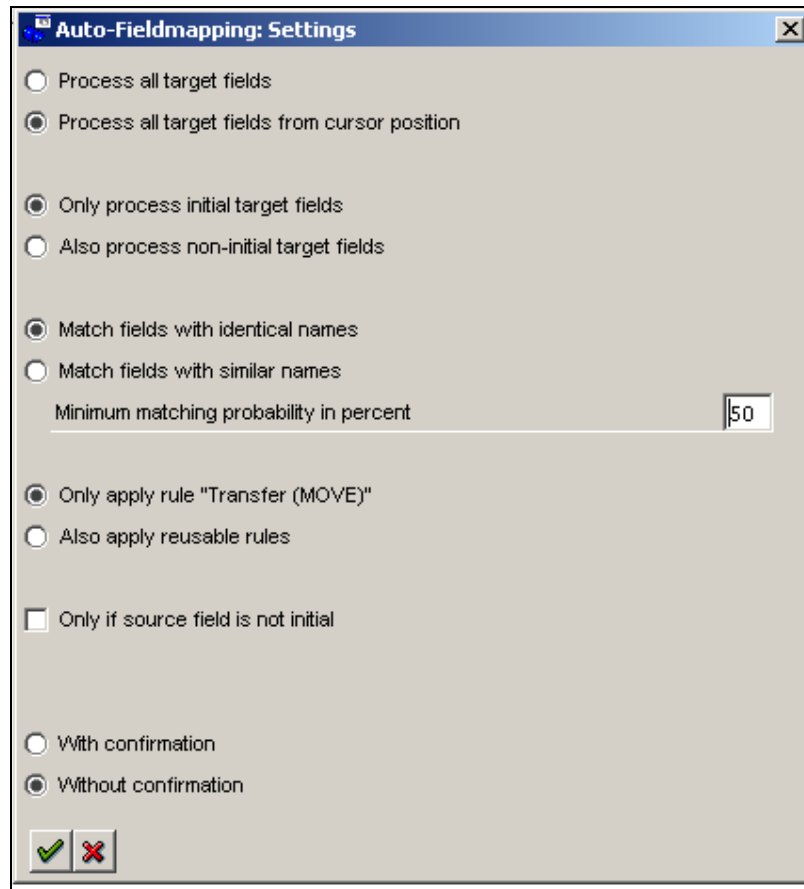
 5 Maintain field mapping and conversion rules , and click .


Step 5: in this step you map the source field (as a result of the recording) to the source structure you maintained in step .

Put your cursor on the "field" and go to: Extras _ Auto field mapping:



35. The following window will open:



36. Click on  (twice)

37. The following window will open:

MM - RECORDING - RECORDING RECORDING

Fieldmapping and conversion ru

Field	Source	Rule	Coding	Notes
CHNG_VEN	Chng_Ven			
LIFNR	SOURCE1-LIFNR (Vendor Account Number)	Transfer (MOVE)	CHNG_VEN-LIFNR = SOURCE1-LIFNR.	Vendor Account Number
EKORG	SOURCE1-EKORG (Purchasing organization)	Transfer (MOVE)	CHNG_VEN-EKORG = SOURCE1-EKORG.	Purchasing organization
DO110				Process data?
TITLE_MEDI				Title text
NAME1				Name 1
SORT1				Search term 1
STREET	SOURCE1-STREET (STREET)	Transfer (MOVE)	CHNG_VEN-STREET = SOURCE1-STREET.	Street
HOUSE_NUM1	SOURCE1-HOUSE_NUM1 (HOUSE_NUM1)	Transfer (MOVE)	CHNG_VEN-HOUSE_NUM1 = SOURCE1-HOUSE_NUM1.	House number
COUNTRY				Country key
LANGU				Language key
TEL_NUMBER	SOURCE1-TEL_NUMBER (First telephone no.)	Transfer (MOVE)		First telephone no.: dialling code+number

* Attention: Source field is longer than target field!

Step 6:

Skip on step 6

Step 7:



Step 7: in this step you need to attach your conversion excel file. .

38. The following window will appear:

MM - RECORDING - RECORDING RECORDING

Files	Description	File Name
Legacy data	On the PC (frontend)	
Legacy data	On the R/3 server (application server)	
Read Data	File for read data (application server)	
Read Data		MM_RECORDING_RECORDING.lsmw.read
Converted Data	File for converted data (application server)	
Converted Data		MM_RECORDING_RECORDING.lsmw.conv
Values for wildcard	Values for wildcard '*' in file names	

39. Double click on "Legacy data", and the following window will open:

The screenshot shows a dialog box titled "File on frontend: Edit properties". It contains several sections for configuring file properties:

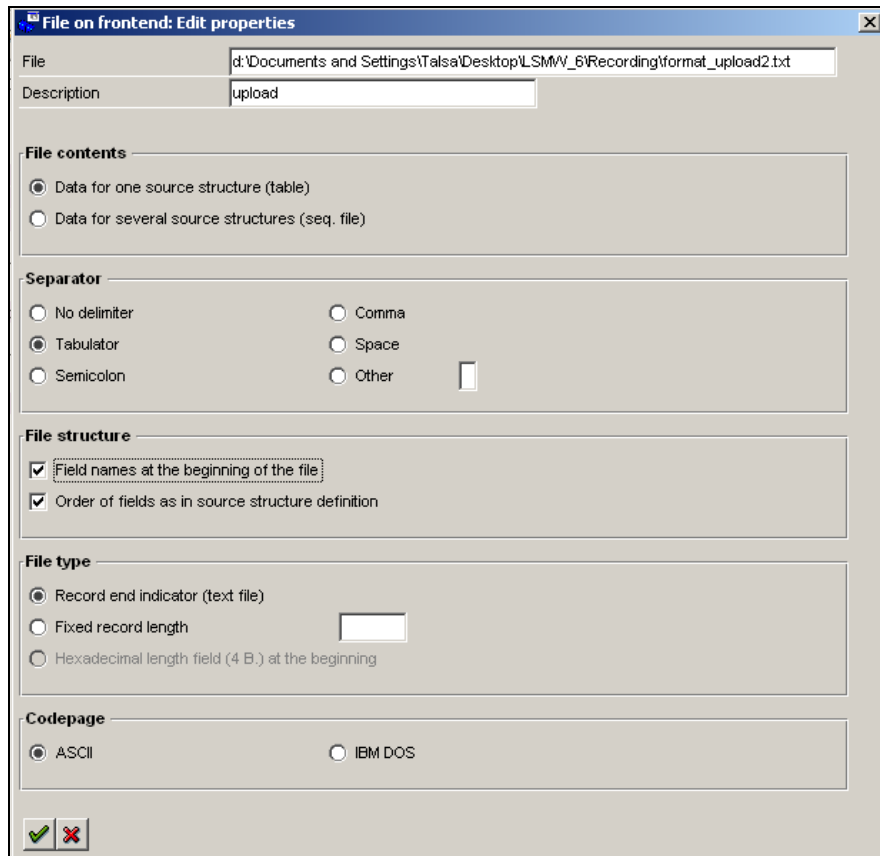
- File**: A text field with a question mark and a dropdown arrow.
- Description**: A text field with a question mark.
- File contents**: Two radio buttons: "Data for one source structure (table)" (selected) and "Data for several source structures (seq. file)".
- Separator**: Four radio buttons: "No delimiter" (selected), "Comma", "Tabulator", and "Space". There is also an "Other" option with a small text input field.
- File structure**: Two checkboxes: "Field names at the beginning of the file" (unchecked) and "Order of fields as in source structure definition" (checked).
- File type**: Three radio buttons: "Record end indicator (text file)" (selected), "Fixed record length" (with a text input field), and "Hexadecimal length field (4 B.) at the beginning".
- Codepage**: Two radio buttons: "ASCII" (selected) and "IBM DOS".

At the bottom left, there are two icons: a green checkmark and a red X.

40. Click on:

A close-up view of the "File" field from the dialog box. The field contains a question mark and a dropdown arrow. A red rectangular box highlights the dropdown arrow.

And attach you're TXT file:



41. Enter the following values:

- The file attachment rout.
- Description
- Mark: Data from one source stractre.
- Mark: Tabulator
- Mark: Field name at the beginning of source structure (the technical names in the TXT file)
- Mark: order of fields as in source structure definition.
- Mark: Record end indicator
- Mark: ASCI

42. Click .

43. Click : .

44. Click .

Step 8:

 8 Assign files, and click .

45. Click : 

46. Click 

Step 9:

9 Read data, and click .

47. The following window will open:

General selection parameters

Transaction number to

Amount fields -> 1234.56

Date values -> YYYYMMDD

48. Click .

49. The following window will open:

LSM Workbench: Read Data for MM, RECORDING, RECORDING			
22.10.2006 - 15:04:57			
Read file(s):	d:\Documents and Settings\Talsa\Desktop\LSMW_6\Recording\format_upload2.txt		
Written file:	MM_RECORDING_RECORDING.lsmw.read		
Source structure	Read	Written	Not written
SOURCE1	1	1	0
Transactions read:	1		
Records read:	1		
Transactions written:	1		
Records written:	1		

50. Click  (Twice)

Step 10:

10 Display read data, and click .

51. The following window will open:

Display read data

Project	MM	mm
Subproject	RECORDING	RECORDING
Object	RECORDING	RECORDING
File	MM_RECORDING_RECORDING.lsmw.read	
From line		
To line		

52. Click .

53. The following window will open:

File		MM_RECORDING_RECORDING.lsmw.read			
Line	Struktur	Conts.			
	LSM000	RECORDING	RECORDING	NTS	40020061022150456TALSA
1	SOURCE1	405436	4050	Namir	22 972-22222972-333333

Click on the Yellow raw.


54. The following view will appear:

File			MM_RECORDING_RECORDING.lsmw.read		
Structure			SOURCE1		
Field name	Field text	Field value			
LIFNR	Vendor Account Number	405436			
EKORG	Purchasing organization	4050			
STREET	STREET	Namir			
HOUSE_NUM1	HOUSE_NUM1	22			
TEL_NUMBER	First telephone no.	972-222222			
FAX_NUMBER	First fax no	972-333333			

(check your entries: if o.k. continues, if not correct your entries).

55. Click  (Twice)

Step 11:

56. 11 Convert data, and click .

57. Click .

58. The following window will open:

LSM Workbench: Convert Data for MM, RECORDING, RECORDI	
22.10.2006 - 15:14:35	
Read file:	MM_RECORDING_RECORDING.lsmw.read
Written file:	MM_RECORDING_RECORDING.lsmw.conv
Transactions read:	1
Records read:	1
Transactions written:	1
Records written:	1

59. Click  (Twice)

Step 12:

60. 12 Display converted data, and click .

61. Click O.K, The following window will open:


File MM_RECORDING_RECORDING.lsmw.conv					
Line	Struktur	Conts.			
1	CHNG_VEN	CHNG_VEN	MK02	405436	4050//

62. Click on the Green raw, the following data will appear:

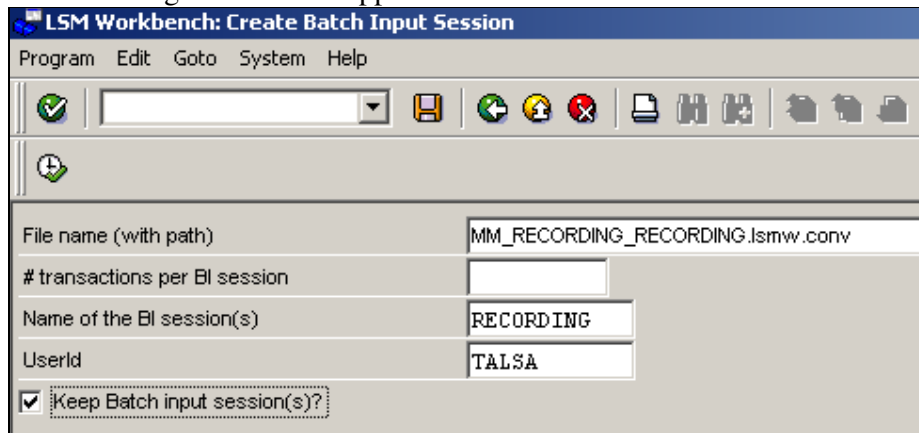
File MM_RECORDING_RECORDING.lsmw.conv		
Structure CHNG_VEN		
Field name	Field text	Field value
TABNAME	Table name	CHNG_VEN
TCODE	Transaction code	MK02
LIFNR	Vendor Account Number	405436
EKORG	Purchasing organization	4050
D0110	Process data?	/
TITLE_MEDI	Title text	/
NAME1	Name 1	/
SORT1	Search term 1	/
STREET	Street	Wamir
HOUSE_NUM1	House number	22
COUNTRY	Country key	/
LANGU	Language key	/
TEL_NUMBER	First telephone no.: dialling code+number	972-222222
FAX_NUMBER	First fax no.: dialling code+number	972-333333

(check your entries: if o.k. continues, if not correct your entries).

Step 13:

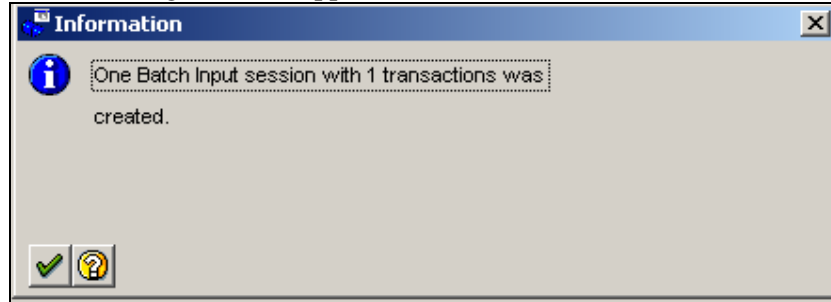
13 Create batch input session 

63. The following window will appear:



64. Click .

65. The following note will appear:

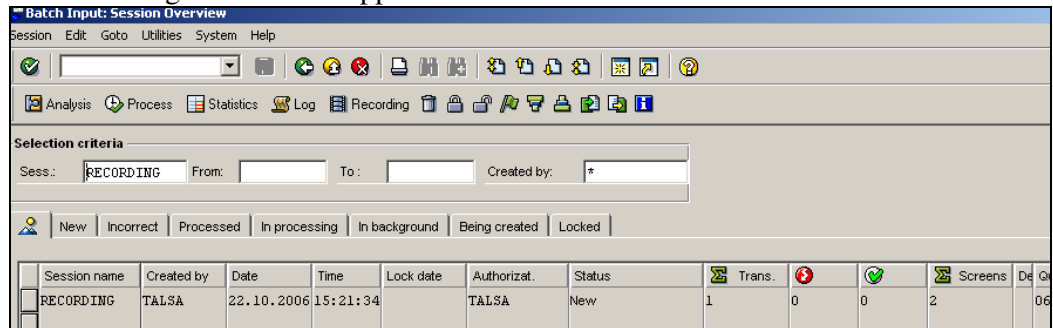


66. Click

Step 14:

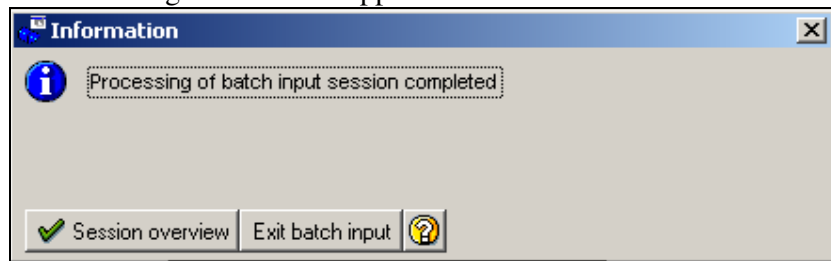
67. 14 Run Batch Input session, and click

68. The following window will appear:



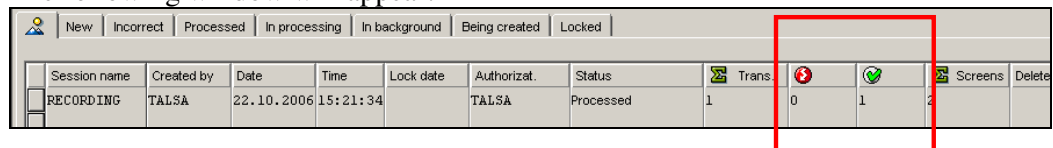
69. Mark the line, and Click on

70. The following window will appear:



71. Click:

72. The following window will appear:



The conversion with Recording completed.

2. Direct / Batch input

Direct / Batch inputs are inputs from SAP (standard recording from SAP)

Step 1:

Step	
<input checked="" type="radio"/>	1 Maintain object attributes
<input type="radio"/>	2 Maintain source structures

1. Project name in Fantom sys:

Project	<input type="text" value="MM"/>	mm
Subproject	<input type="text" value="D/B-INPUT"/>	D/B-INPUT
Object	<input type="text" value="D/B-INPUT"/>	D/B-INPUT

2. Click 


3. The following window will open:

Attributes

Object	D/B-INPUT	D/B-INPUT
Owner	TALSA	Rachel Ben Zvi
Data transfer	<input checked="" type="radio"/> once	<input type="radio"/> periodic
File names	<input type="checkbox"/> system dependent	

Object type and import technique

Standard Batch/Direct Input

Object	<input type="text"/> ↓
Method	<input type="text"/>
Program name	<input type="text"/> 
Program type	<input type="text"/>

Batch Input Recording

Recording	<input type="text"/>
-----------	----------------------

Business Object Method (BAPI)

Business object	<input type="text"/>
Method	<input type="text"/>
Message type	<input type="text"/>
Basic type	<input type="text"/>

IDoc (Intermediate Document)

Message type	<input type="text"/>
Basic type	<input type="text"/>
Enhancement	<input type="text"/>


Enable structure relation for EDIDC40

4. Mark Standart Direct input / batch input option.

5. Click: 


6. Search the object you want to convert:

Standard Batch/Direct Input

Object	0040	Vendor master
Method	0001	Standard
Program name	RFBIKR00	
Program type	B	Batch input

73. Click : 

7. Click 

8. In order to view the object that you chose, click on:  Object overview


Remark:
this way you can see if this object contain all the fields you wish to convert, if all the fields exists in this object you can continue, if not you need to choose other option to the conversion: recording (as we explain in the recording chapter) ,bapi or Idoc)

9. Click 

10. From step 2 till the end repeat the steps like the Recording chapter.

3. Bapi





11. Project name in Fantom sys: (material master conversion)

Project	MM	mm
Subproject	mateial	BAPI
Object	TEST7	


Step 1:

Step	
<input checked="" type="radio"/>	1 Maintain object attributes
<input type="radio"/>	2 Maintain source structures

1. The following window will open:

Attributes	
Object	TEST7 TEST7-bapi
Owner	TALSA Rachel Ben Zvi
Data transfer	<input checked="" type="radio"/> once <input type="radio"/> periodic
File names	<input type="checkbox"/> system dependent
Object type and import technique	
<input type="radio"/> Standard Batch/Direct Input	
Object	<input type="text"/>
Method	<input type="text"/>
Program name	<input type="text"/> 
Program type	<input type="text"/>
<input type="radio"/> Batch Input Recording	
Recording	<input type="text"/>  
<input checked="" type="radio"/> Business Object Method (BAPI)	
Business object	BUS1001006  Standard material
Method	SAVEDATA Create and change material master ...
Message type	MATMAS_BAPI Create and change material master ...
Basic type	MATMAS_BAPI01 Create and Change Material Master ...
<input type="radio"/> IDoc (Intermediate Document)	
Message type	<input type="text"/>
Basic type	<input type="text"/>
Enhancement	<input type="text"/>
<input type="checkbox"/> Enable structure relation for EDIDC40	

2. Mark the option: Business object Method (BAPI),

3. Click:  (search the bussiness object you want to use, for exmple: Standart material)

4. Choose Method

74. Click : 

12. Click 

Step 2

the same as described in chapter recording step 2:

Step 3:

The same as described in chapter recording step 2:

Step 4

The same as described in chapter recording step 4:

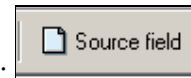
Step 5:

No auto field mapping exists, so you need to map the fields manually

Remark:

In bapi the structure include tables (mara, marc etc), and Xtables: (xmara, xmarc) . In the field mapping, each field that you map from table you need to mark X in the Xtable for this specific field. (the program go's first to the x tables, if there is X in specific field the program will go to search the field in the original table. If X does not exists in the xtable the program wont sarch for him in the field table.


- you can use constant button in order to enter a constant value.



13. Put your cursor on the field you wish to map, click on:

14. Your source field list will be open:

E1BPMATHEAD-MATERIAL: Assign source field			
No.	Source structure	Source field	Description
0002	BAPI_1	MBRSH	Industry
0003	BAPI_1	MTART	Material type
0004	BAPI_1	WERKS	Plant
0005	BAPI_1	LGORT	Storage location
0006	BAPI_1	VKORG	Sales organization
0007	BAPI_1	VTWEG	Distribution channel
0008	BAPI_1	MAKTX	Material description
0009	BAPI_1	MEINS	Base unit of measure
0010	BAPI_1	MATKL	Material group
0011	BAPI_1	SPART	Division
0012	BAPI_1	BRGEW	Gross weight
0013	BAPI_1	GEWEI	Weight Unit
0014	BAPI_1	VOLUM	Volume
0015	BAPI_1	VOLEH	Volume unit
0016	BAPI_1	MAGRV	Material Group: Packaging Materials
0017	BAPI_1	DWERK	Delivering plant
0018	BAPI_1	SKTOF	Cash discount indicator
0019	BAPI_1	TAXKM	Tax classification material
0020	BAPI_1	TAXKM_02	Tax classification material
0021	BAPI_1	KONDM	Material Pricing Group
0022	BAPI_1	KTGRM	Account assignment group for this ma
0023	BAPI_1	MTPOS	General item category group
0024	BAPI_1	MVGR2	Material group 2
0025	BAPI_1	MTVFP	Checking group for availability chec

15. Choose field from your source field list, click: 
(continue to map all your fields you wish to map)

16. The conversion with bapi completed.