

LSMW (Legacy System Migration Workbench)

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INTRODUCTION

LSMW an abbreviation for Legacy System Migration Workbench is a tool in SAP which is used to migrate Legacy data into SAP.

It is a very important tool and easy to learn and master it.

LSMW has a recording tool which can record the transaction and the fields to be uploaded.

Thus upload of master data and transaction data is made very simple in this tool. You can use this tool in almost all modules for upload of master data and to some extent transaction data also.

Thus in FI you can upload the following master data through this:
Vendors, Customers, General Ledger, Asset master, Bank Master.
You can upload Transaction balance through this i.e. an FI document.

In CO you can upload the following master data:
Cost element, Cost center, Profit center, Activity types, Internal orders, Statistical key figures

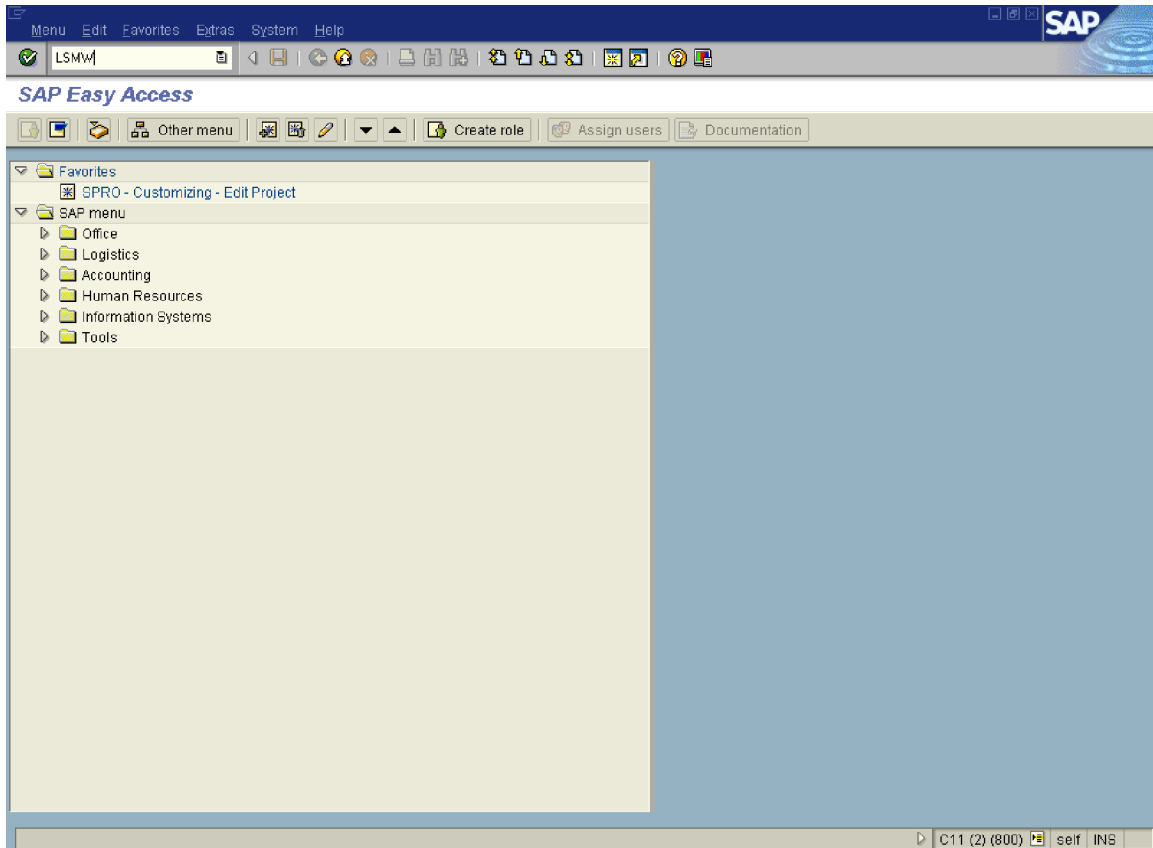
In other modules likewise you can upload other sets of master data.

In this book we cover the creation of a Vendor master data with accounting view.

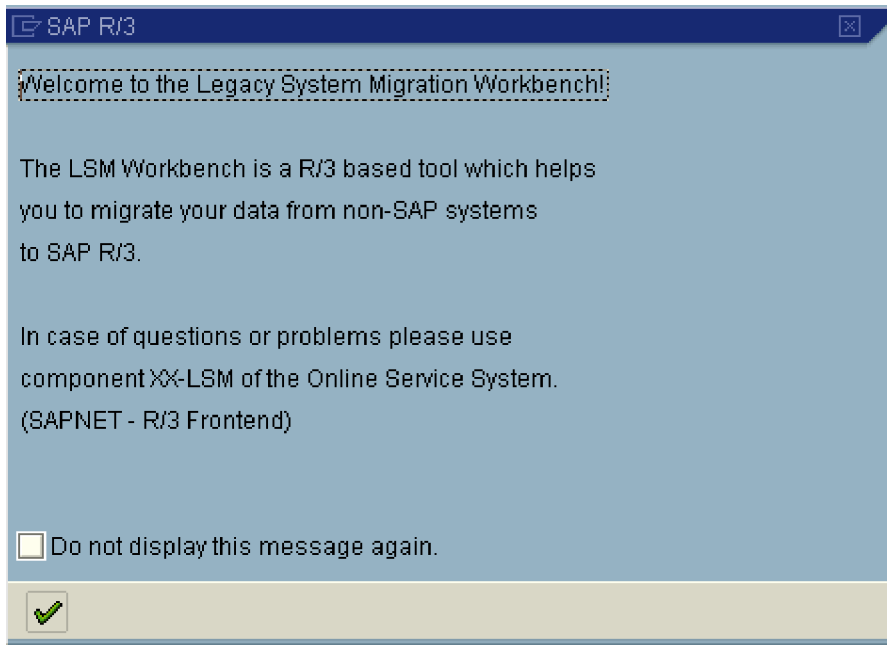
Let's get going then.

1. Create a project, sub project and object

Type LSMW in the command field



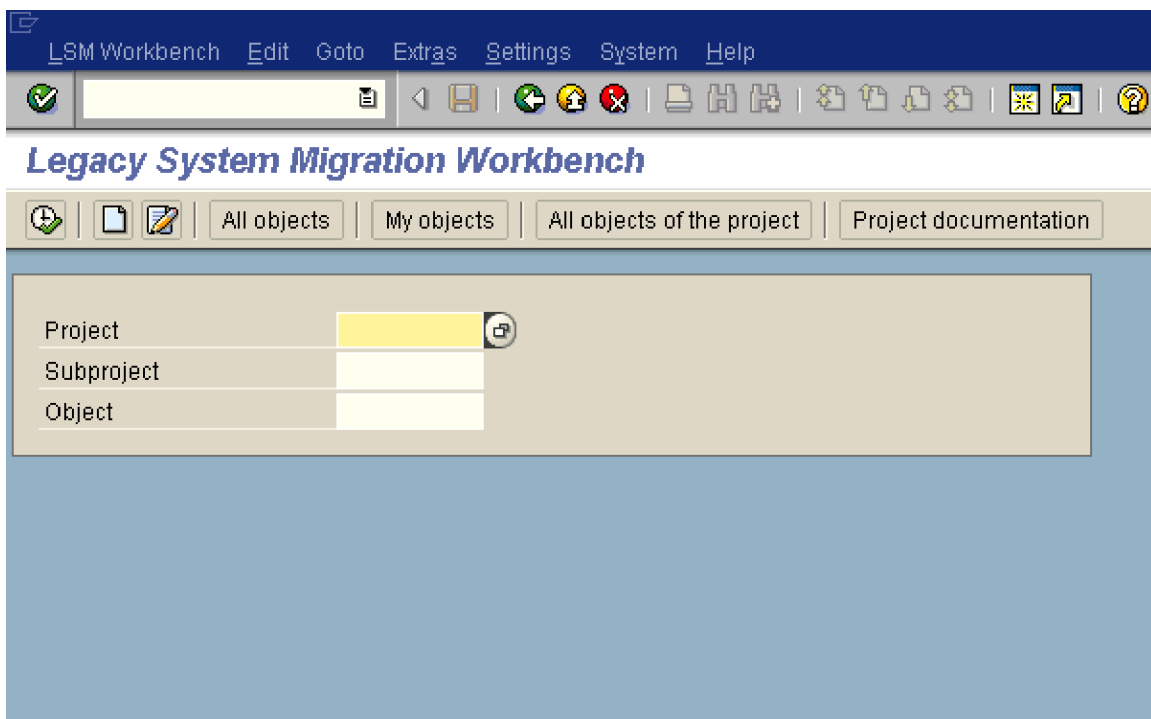
Click 




Click  to continue.

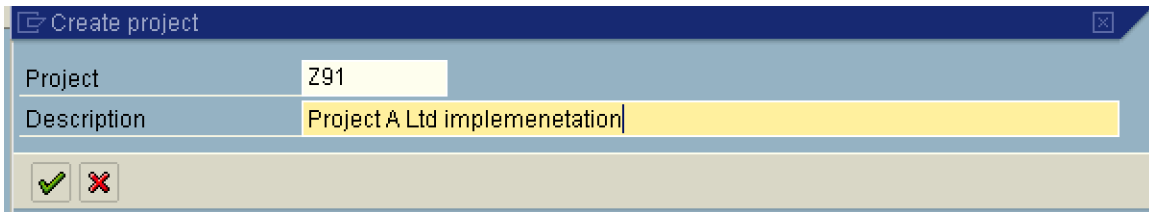
If you do not want this message to appear every time,

You can click on the check box  Do not display this message again.



Click on  to create a new project

Update the following fields:



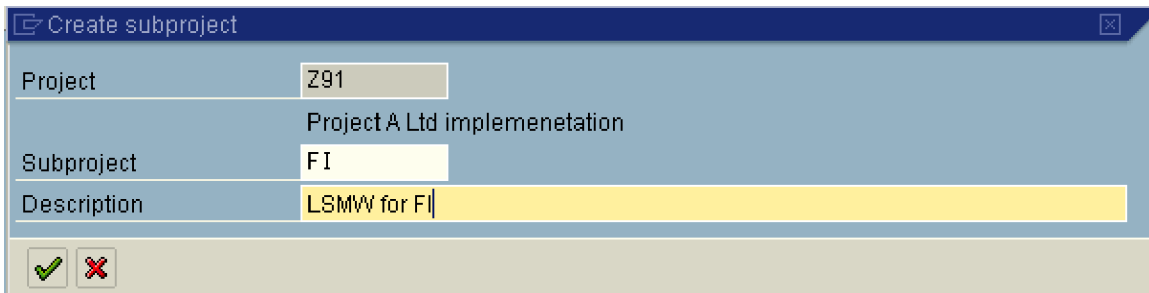
The screenshot shows a 'Create project' dialog box with the following fields:

Project	Z91
Description	Project A Ltd implemenetation

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

Click 

Create a subproject



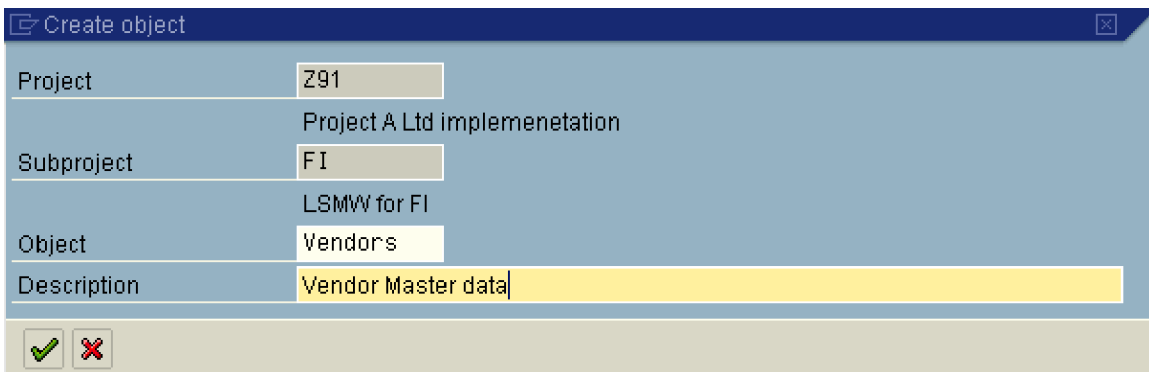
The screenshot shows a 'Create subproject' dialog box with the following fields:

Project	Z91
	Project A Ltd implemenetation
Subproject	FI
Description	LSMW for FI

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

Click 

Create an object description

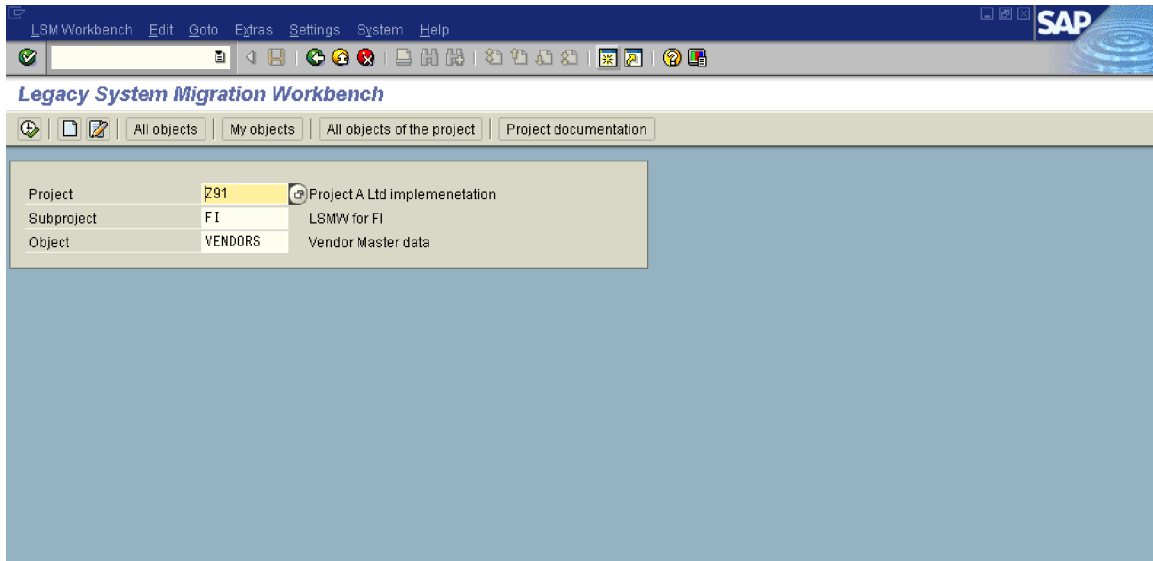


The screenshot shows a 'Create object' dialog box with the following fields:

Project	Z91
	Project A Ltd implemenetation
Subproject	FI
	LSMW for FI
Object	Vendors
Description	Vendor Master data

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

Click 



2. Create Recordings

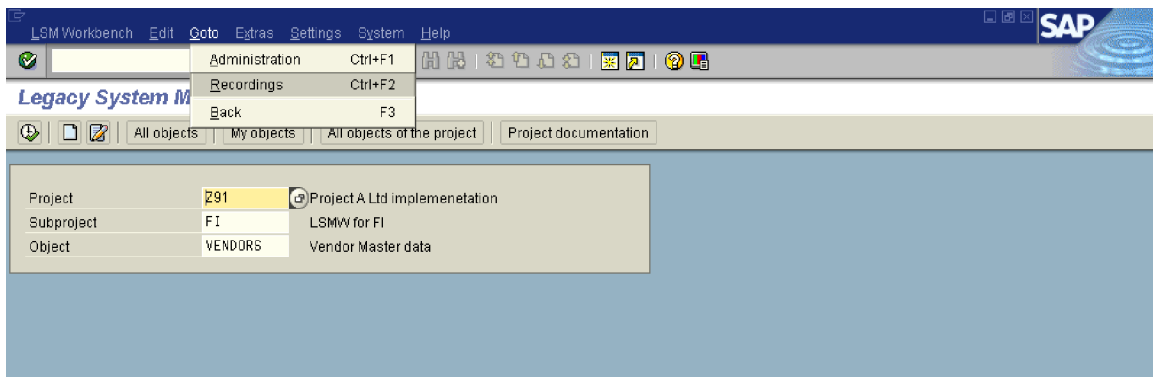
Now we will proceed to Recordings since we want to record a transaction (Create Vendor Master data)

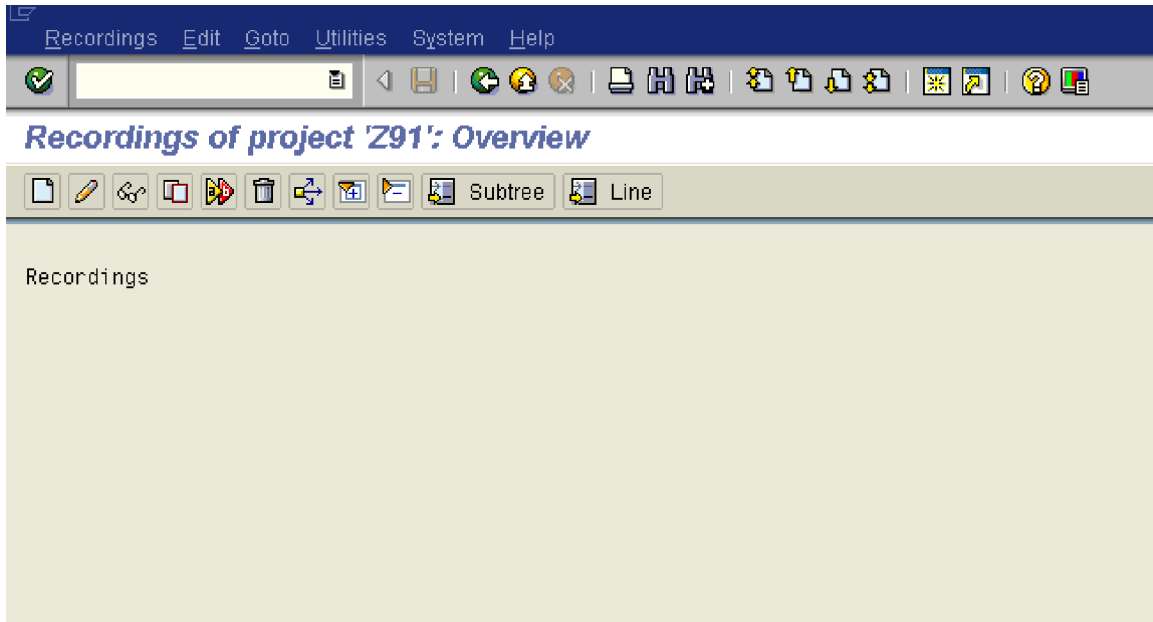
Important:

Please note that before you start the recording you should first actually perform this transaction manually and plan what data you want to capture for upload purpose. This is required so that you avoid doing mistakes while recording.

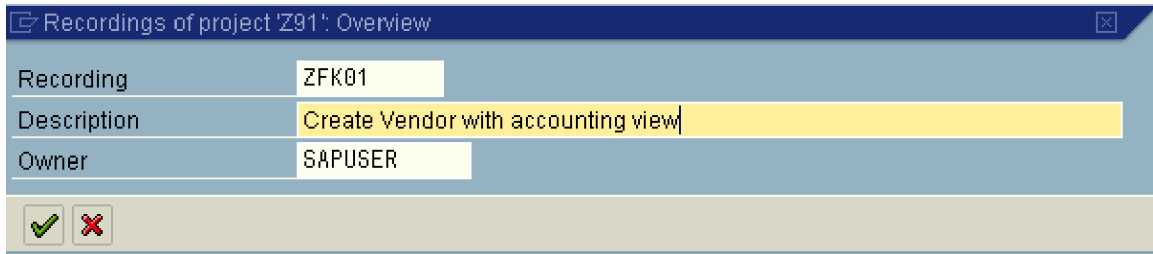
While recording you should not press enter in between, you should only press enter after you have completed entering all the details on that screen.

Click on Goto à Recordings

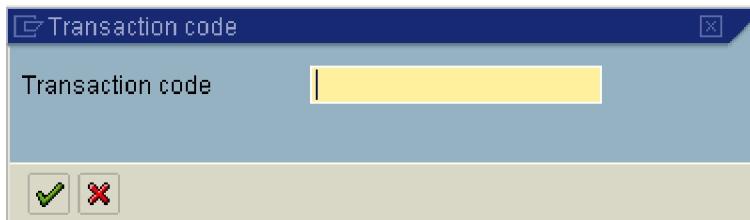




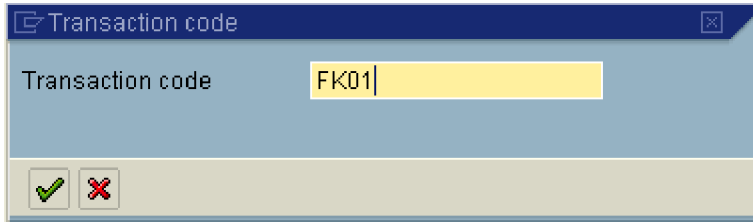
Click 



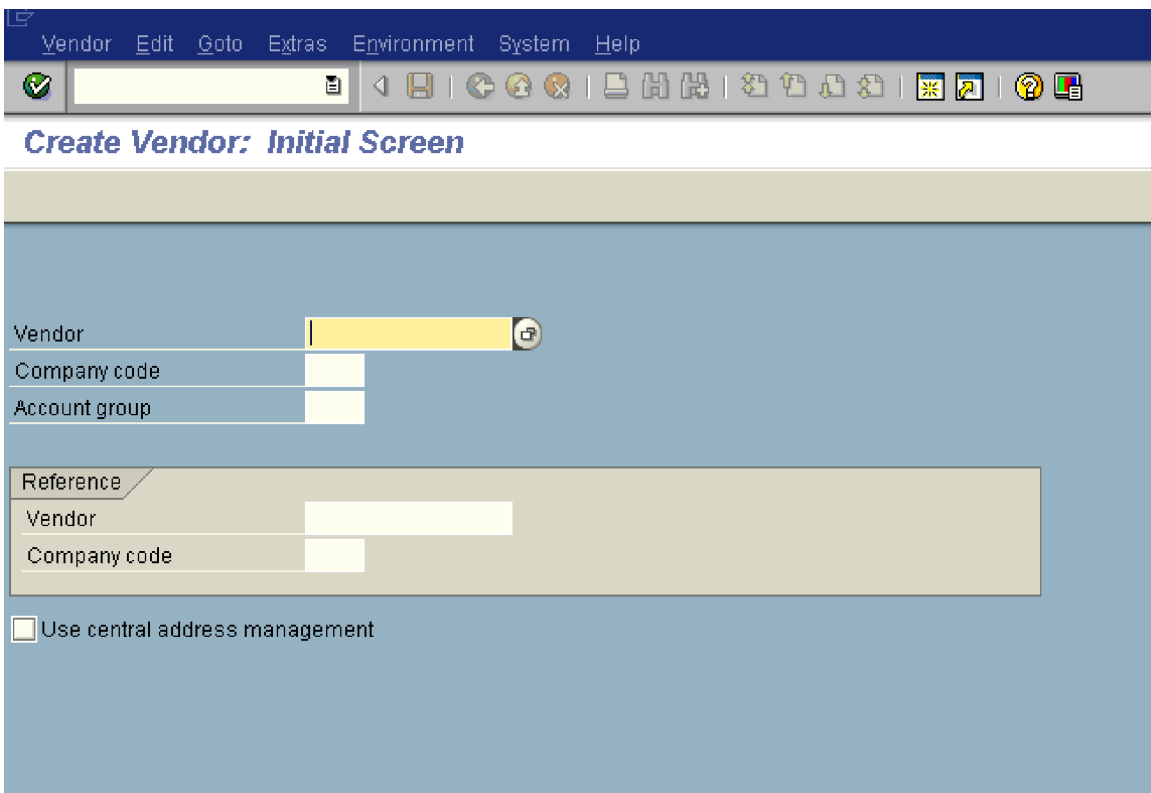
Click 



Update the following:-



A small dialog box titled "Transaction code" with a close button in the top right corner. It contains a text input field with the value "FK01" and a yellow highlight. At the bottom, there are two buttons: a green checkmark and a red X.



The main application window titled "Create Vendor: Initial Screen". The menu bar includes "Vendor", "Edit", "Goto", "Extras", "Environment", "System", and "Help". The toolbar contains various icons for navigation and actions. The main area has a light blue background and contains the following fields:

- Vendor: A text input field with a yellow highlight and a lock icon.
- Company code: A text input field with a yellow highlight.
- Account group: A text input field with a yellow highlight.
- Reference section (shaded background):
 - Vendor: A text input field with a yellow highlight.
 - Company code: A text input field with a yellow highlight.
- Use central address management: A checkbox that is currently unchecked.

Update the following:-

Vendor Edit Goto Extras Environment System Help

Vendor

Company code 9100

Account group 2910

Reference

Vendor






















Company code

Use central address management




Click 

Update the following fields:

Vendor Edit Goto Extras Environment System Help

Create Vendor: Address

Vendor

Address

Title	<input type="text"/>	Search term	<input type="text" value="ADITYA"/>
Name	<input type="text" value="Aditya Ltd"/>		
	<input type="text" value="402 Silver Tower"/>		
	<input type="text" value="Bandra Kurla Complex"/>		
	<input type="text"/>		
Street	<input type="text" value="Bandra Road"/>	P.O. Box	<input type="text"/>
City	<input type="text" value="Mumbai"/>	Postal code	<input type="text" value="400044"/>
District	<input type="text"/>		
P.O.Box city	<input type="text"/>	PO box PCode	<input type="text"/>
Country	<input type="text" value="IN"/>	Region	<input type="text"/>

Communications data

Language key	<input type="text"/>	Telex number	<input type="text"/>
Telephone 1	<input type="text"/>	Fax number	<input type="text"/>
Telephone 2	<input type="text"/>	Teletex number	<input type="text"/>
Telebox	<input type="text"/>	Data line	<input type="text"/>

Click 

We do not want capture anything here.

Vendor Edit Goto Extras Environment System Help

Vendor INTERNAL Aditya Ltd Mumbai

Create Vendor: Control

Tax categories

Account control

Customer	<input type="text"/>	Authorization	<input type="text"/>
Trading partner	<input type="text"/>	Group key	<input type="text"/>

Tax information


Tax code 1	<input type="text"/>	Tax number cat	<input type="text"/>	<input type="checkbox"/> Equalizath tax
Tax code 2	<input type="text"/>	Tax category	<input type="text"/>	<input type="checkbox"/> Natural person
Tax code 3	<input type="text"/>			<input type="checkbox"/> Sales/pur.tax
Tax code 4	<input type="text"/>			<input type="checkbox"/> Tax split
Fiscal address	<input type="text"/>			
Jurisdic. code	<input type="text"/>	VAT reg.no.	<input type="text"/>	<input type="button" value="More"/>
Tax office	<input type="text"/>			
Tax number	<input type="text"/>			

Reference data

Location no. 1	<input type="text"/>	Location no. 2	<input type="text"/>	Check digit	<input type="text"/>
Industry	<input type="text"/>				
SCAC	<input type="text"/>	Car.freight grp	<input type="text"/>	ServAgntProcGrp	<input type="text"/>
POD-relevant	<input type="text"/>				
Actual QM sys.	<input type="text"/>	QM system to	<input type="text"/>		

Person subject to withholding tax

Date of birth	<input type="text"/>	Place of birth	<input type="text"/>
Sex	<input type="text"/>	Profession	<input type="text"/>

Click  to go to the next screen

Vendor Edit Goto Extras Environment System Help

Create Vendor: Payment transactions

Vendor: INTERNAL Aditya Ltd Mumbai

Bank details

Ctry	Bank key	Bank account	Acct holder	C..BnkT	Reference details	C..Name of bank
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

Bank data... Del. bk detail

Payment transactions

Alternative payee

DME indicator

Instruction key


PBC/POR number

Alternative payee in document

Individual spec.

Spec. per reference

Permitted payee

Click  to go to the next screen.

Create Vendor: Accounting information Accounting



Vendor Aditya Ltd Mumbai
 Company code A Ltd

Accounting information

Recon. account	<input type="text"/>	Sort key	<input checked="" type="checkbox"/>
Head office	<input type="text"/>	Subsidy indic.	<input type="checkbox"/>
Authorization	<input type="text"/>	Cash mgmnt group	<input type="text"/>
		Release group	<input type="text"/>
Minority indic.	<input type="checkbox"/>	Certificatn date	<input type="text"/>

Interest calculation

Interest indic.	<input type="checkbox"/>	Last key date	<input type="text"/>
Int. cycle	<input type="checkbox"/>	Last interest run	<input type="text"/>

Withholding tax

W.tax code	<input type="text"/>	Exemption number	<input type="text"/>
Wth.tx cty	<input type="text"/>	Valid until	<input type="text"/>
Recipient type	<input type="text"/>	Exmpt.authority	<input type="text"/>

Reference data

Prev.acct no.	<input type="text"/>	Personnel number	<input type="text"/>
---------------	----------------------	------------------	----------------------

Default data for tax reports

Activity code	<input type="text"/>	Distr. type	<input type="text"/>
---------------	----------------------	-------------	----------------------

Update the following:-

Vendor Edit Goto Extras Environment System Help

INTERNAL Aditya Ltd Mumbai

Company code 9100 A Ltd

Accounting information

Recon. account	213320	Sort key	002
Head office		Subsidy indic.	
Authorization		Cash mgmnt group	
Minority indic.		Release group	
		Certificatn date	

Interest calculation

Interest indic.		Last key date	
Int. cycle		Last interest run	

Withholding tax

W.tax code		Exemption number	
Wth.tx cty		Valid until	
Recipient type		Exmpt.authority	

Reference data

Prev.acct no.	45678	Personnel number	
---------------	-------	------------------	--

Default data for tax reports

Activity code		Distr. type	
---------------	--	-------------	--

Click 

Create Vendor: Payment transactions Accounting

Vendor	INTERNAL	Aditya Ltd	Mumbai
Company code	9100	A Ltd	

Payment data	
Payment terms	Tolerance group
Cr memo terms	Chk double inv.
Chk cashng time	

Automatic payment transactions	
Payment methods	Payment block
Alternat.payee	House bank
Individual pmnt	Grouping key
B/exch.limit	INR
Pmt adv. by EDI	Alt.payee(doc.)
	<input type="button" value="Permitted payee"/>

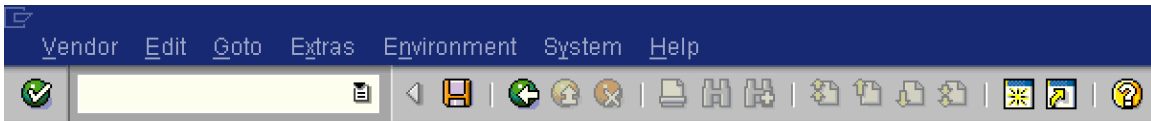
Invoice verification	
Tolerance group	

Update the following:-

The screenshot shows the SAP 'Create Vendor: Payment transactions Accounting' form. The menu bar includes 'Vendor', 'Edit', 'Goto', 'Extras', 'Environment', 'System', and 'Help'. The title bar contains standard window controls. The main form area is titled 'Create Vendor: Payment transactions Accounting' and contains several sections:

- Vendor Information:** Vendor type is 'INTERNAL', name is 'Aditya Ltd', and location is 'Mumbai'. The company code is '9100' and the company name is 'A Ltd'.
- Payment data:** Payment terms are '0001'. Tolerance group is empty. 'Cr memo terms' and 'Chk cashng time' are empty. 'Chk double inv.' is unchecked.
- Automatic payment transactions:** Payment methods are 'C'. Payment block is empty. 'Alternat. payee' is empty. 'Individual pmnt' is unchecked. 'Brexch.limit' is empty with 'INR' as the currency. 'Pmt adv. by EDI' is unchecked. 'Alt. payee (doc.)' is unchecked. A 'Permitted payee' button is present.
- Invoice verification:** Tolerance group is empty.

Click 



Create Vendor: Correspondence Accounting



Vendor Aditya Ltd Mumbai
Company code A Ltd

Dunning data

Dunn.procedure	<input type="text" value=""/>	Dunning block	<input type="text" value=""/>
Dunn.recipient	<input type="text" value=""/>	Legal dunn.proc.	<input type="text" value=""/>
Last dunned	<input type="text" value=""/>	Dunning level	<input type="text" value=""/>
Dunning clerk	<input type="text" value=""/>	Grouping key	<input type="text" value=""/>
<input type="button" value="Dunning areas"/>			

Correspondence

Local process.	<input type="checkbox"/>	Acct statement	<input type="text" value=""/>
Acctg clerk	<input type="text" value=""/>		
Acct w/ vendor	<input type="text" value=""/>		
Clerk at vendor	<input type="text" value=""/>		
Act.clk tel.no.	<input type="text" value=""/>		
Clerk's fax	<input type="text" value=""/>		
Clrk's internet	<input type="text" value=""/>		
Account memo	<input type="text" value=""/>		

Update the following:-

Create Vendor: Correspondence Accounting

Vendor: INTERNAL Aditya Ltd Mumbai
Company code: 9100 A Ltd

Dunning data

Dunn.procedure		Dunning block	
Dunn.recipient		Legal dunn.proc.	
Last dunned		Dunning level	
Dunning clerk		Grouping key	

Dunning areas

Correspondence

Local process.	<input type="checkbox"/>	Acct statement	
Acctg clerk			
Acct w/ vendor			
Clerk at vendor			
Act.clk tel.no.			
Clerk's fax			
Clrk's internet			
Account memo			

Click

Last data screen reached

Editing will be ended

Should the data be saved first?

Yes No Cancel

Click **Yes** to save the vendor master data.

The screenshot shows the SAP BDC recording tool interface. The title bar includes 'Recording', 'Edit', 'Goto', 'Utilities', 'System', and 'Help'. Below the title bar is a toolbar with various icons. The main window is titled 'Create recording' and contains a toolbar with buttons for 'Default', 'Default all', 'Reset', 'Screen field', 'Repeat recording', 'Maintain attributes', 'Subtree', and 'Line'. The recording name is 'Recording ZFK01' and the description is 'Create Vendor with accounting view'. The recording structure is as follows:

- FK01 Create Vendor (Accounting)
 - SAPMF02K 0105
 - BDC_CURSOR RF02K-KTOKK
 - BDC_OKCODE /00
 - RF02K-BUKRS 9100
 - RF02K-KTOKK Z910
 - SAPMF02K 0110
 - BDC_CURSOR LFA1-PSTLZ
 - BDC_OKCODE /00
 - LFA1-NAME1 Aditya Ltd
 - LFA1-SORTL ADITYA
 - LFA1-NAME2 402 Silver Tower
 - LFA1-NAME3 Bandra Kurla Complex
 - LFA1-STRAS Bandra Road
 - LFA1-ORT01 Mumbai
 - LFA1-PSTLZ 400044
 - LFA1-LAND1 IN
 - SAPMF02K 0120
 - BDC_CURSOR LFA1-KUNNR
 - BDC_OKCODE /00
 - BDC_SUBSCR SAPMF02K
 - SAPMF02K 0130
 - BDC_CURSOR LFBK-BANKS(01)
 - BDC_OKCODE =ENTR

At the bottom of the window, a status bar shows a green checkmark and the text: 'Vendor 0001000001 was created in company code 9100'. On the right side of the status bar, it says 'C11 (1) (800)'.

Click **Default all** to update the field name.

Recording Edit Goto Utilities System Help

Create recording

Default Default all Reset Screen field Screen field Repeat recording Maintain attributes Subtree Line

Recording ZFK01 Create Vendor with accounting view

FK01 Create Vendor (Accounting)

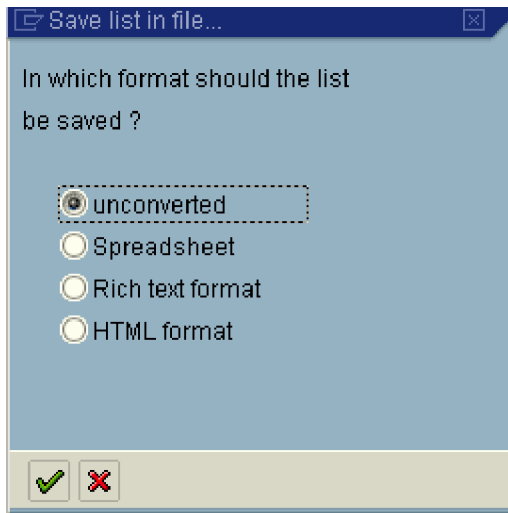
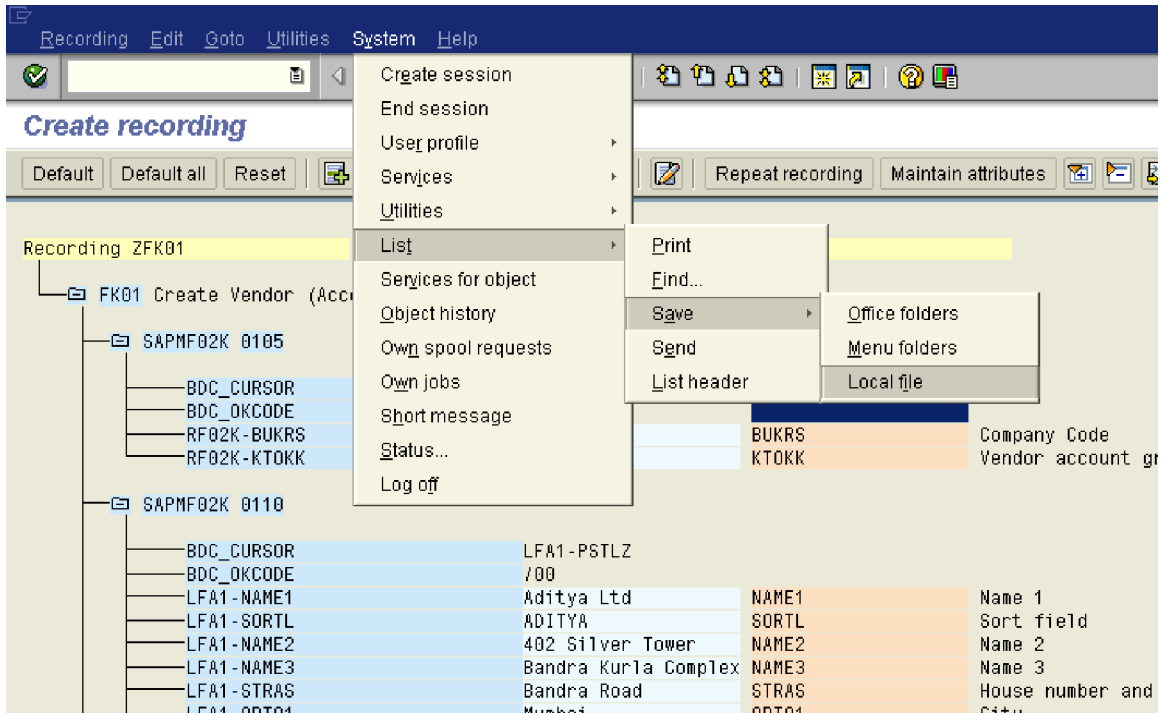
- SAPMF02K 0105
 - BDC_CURSOR RF02K-KT0KK
 - BDC_OKCODE /00
 - RF02K-BUKRS 9100 BUKRS Company Code
 - RF02K-KTOKK 2910 KTOKK Vendor account group
- SAPMF02K 0110
 - BDC_CURSOR LFA1-PSTLZ
 - BDC_OKCODE /00
 - LFA1-NAME1 Aditya Ltd NAME1 Name 1
 - LFA1-SORTL ADITYA SORTL Sort field
 - LFA1-NAME2 402 Silver Tower NAME2 Name 2
 - LFA1-NAME3 Bandra Kurla Complex NAME3 Name 3
 - LFA1-STRAS Bandra Road STRAS House number and street
 - LFA1-ORT01 Mumbai ORT01 City
 - LFA1-PSTLZ 400044 PSTLZ Postal Code
 - LFA1-LAND1 IN LAND1 Country key
- SAPMF02K 0120
 - BDC_CURSOR LFA1-KUNNR
 - BDC_OKCODE /00
 - BDC_SUBSCR SAPMF02K
- SAPMF02K 0130
 - BDC_CURSOR LFBK-BANKS(01)
 - BDC_OKCODE =ENTR

C11 (1) (800)

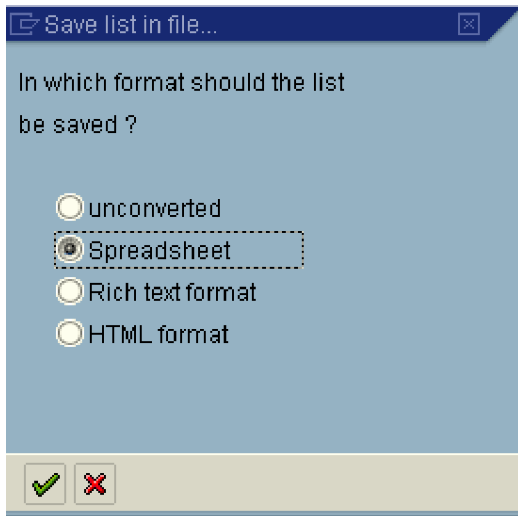
Click on 

Make a note of these fields since they will be required later on.

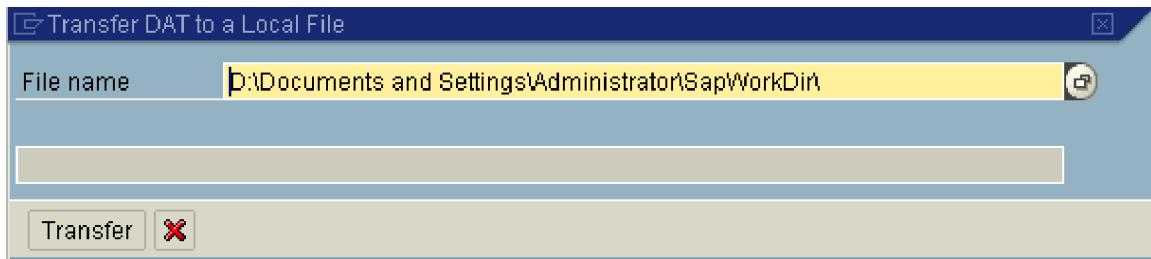
You can export these fields to an excel sheet as follows:-



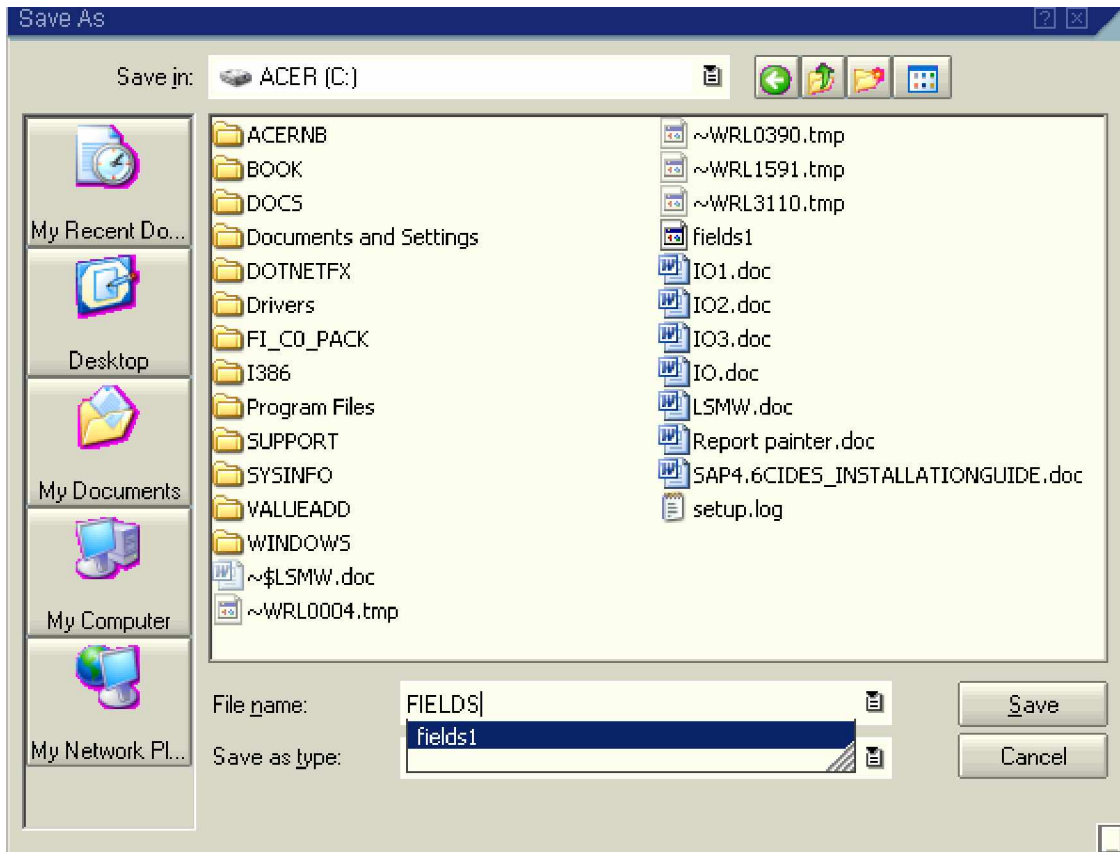
Select **spreadsheet**

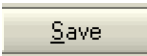


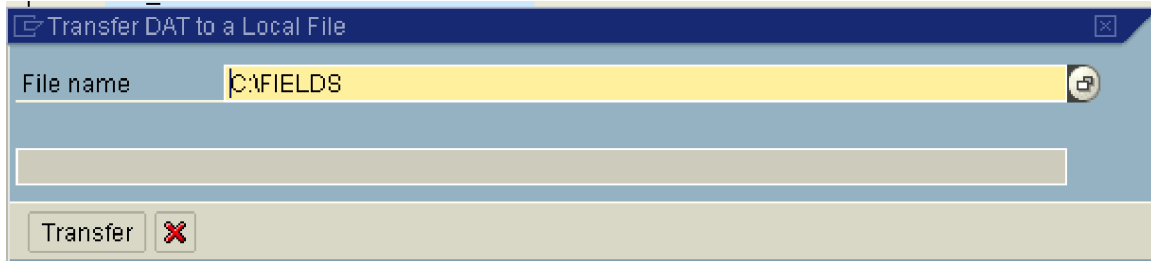
Click 



Click  to change the location



Click 



Click 

We will see the file later.

Click 

Recordings Edit Goto Utilities System Help

Recordings of project 'Z91': Overview

Subtree Line

Recordings

- ZFK01 Create Vendor with accounting view
 - Transaction: FK01 Create Vendor (Accounting)
 - Owner: SAPUSER SAP

Click 

LSM Workbench Edit Goto Extras Settings System Help

Legacy System Migration Workbench

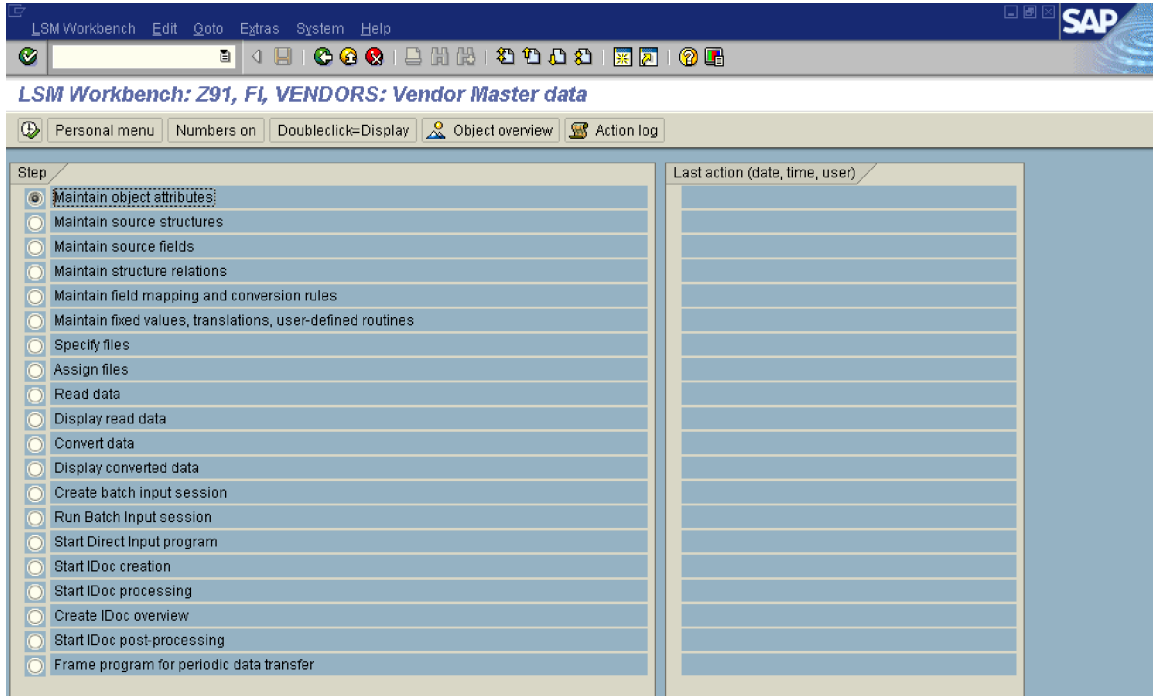
All objects My objects All objects of the project Project documentation

Project	Z91	Project A Ltd implemenetation
Subproject	FI	LSMW for FI
Object	VENDORS	Vendor Master data

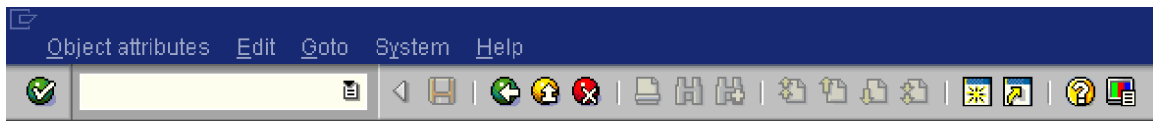
Click 

3. Maintain object attributes

Here we maintain the attributes of the object VENDORS. We link the recording created to the object VENDORS.




Click 



LSM Workbench: Display object attributes

The screenshot displays the 'Attributes' and 'Object type and import technique' sections of the SAP LSM Workbench. The 'Attributes' section includes fields for Object (VENDORS), Owner (SAPUSER), Data transfer (radio buttons for once and periodic), and File names (checkbox for system dependent). The 'Object type and import technique' section has three radio buttons: Standard Batch/Direct Input, Batch Input Recording, and Business Object Method (BAPI). Each radio button has associated input fields for Object, Method, Program name, Program type, Recording, Business object, Message type, and Basic type. The 'Batch Input Recording' radio button is selected, and its 'Recording' field has a dropdown menu and a search icon.



Click 

Click radio button  Batch Input Recording to select

Take a drop down in Recording 



LSM Workbench: Change object attributes

Attributes




Object	VENDORS	Vendor Master data
Owner	SAPUSER	SAP
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	
Method	
Program name	
Program type	

Batch Input Recording

Recording	ZFK01	 Create Vendor with accounting view		
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Business Object Method (BAPI)

Business object	
Method	
Message type	
Basic type	

IDoc (Intermediate Document)

Message type	
Basic type	
Enhancement	

Click 

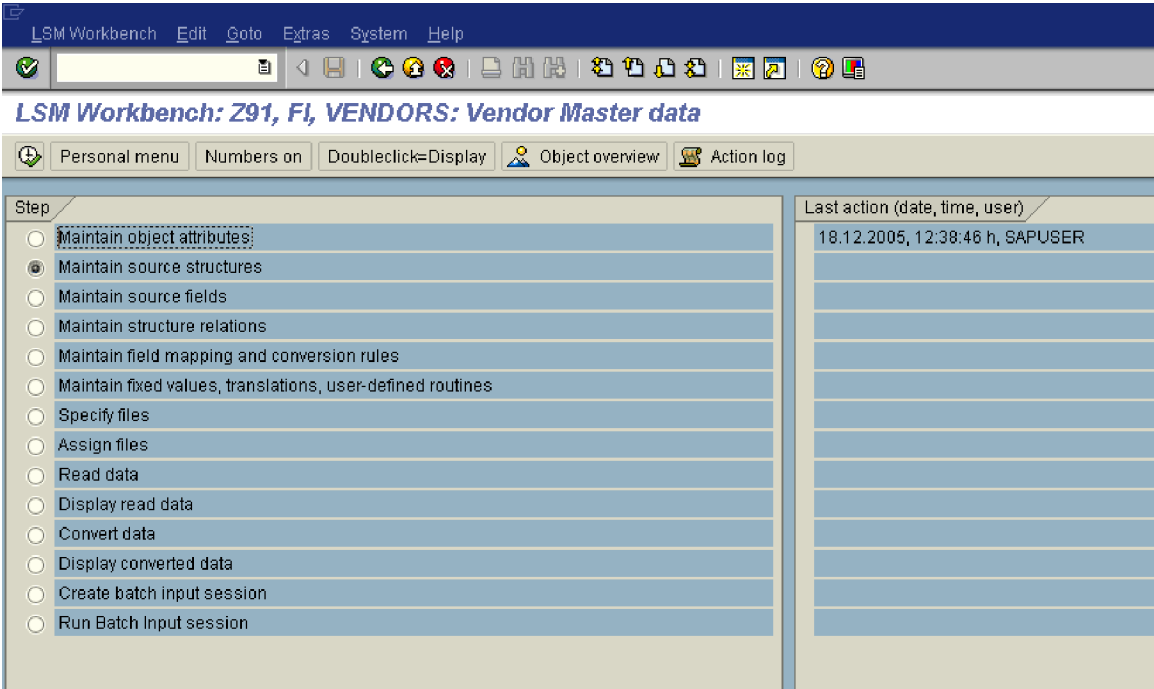
Click 

4. Maintain Source Structure

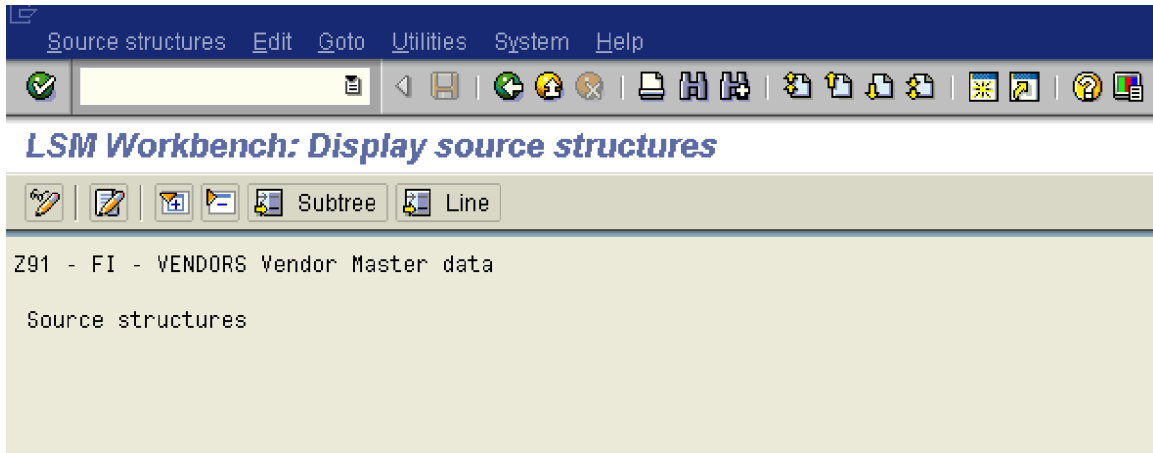
Notice that the radio button has automatically moved to the next step Maintain source structures. Each time you perform a transaction the radio button moves to the next step automatically.

Also notice on the extreme right hand side under the column Last action (date, time, and user). This is updated with information each time the transaction is performed.

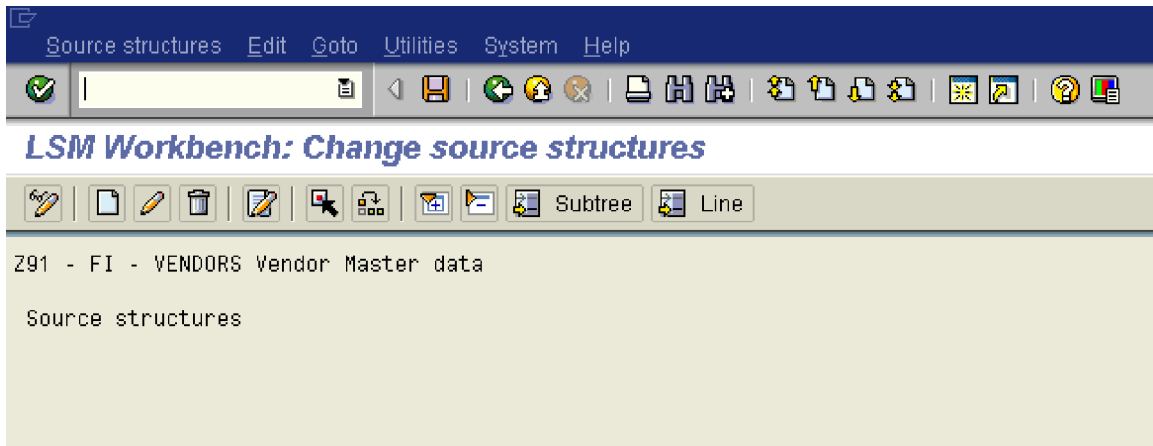
Here we maintain the source structure for the LSMW.



Click 



Click 



Click 

Create source structure

Source structure

Description

Update the following:-

Create source structure

Source structure Z91FK01

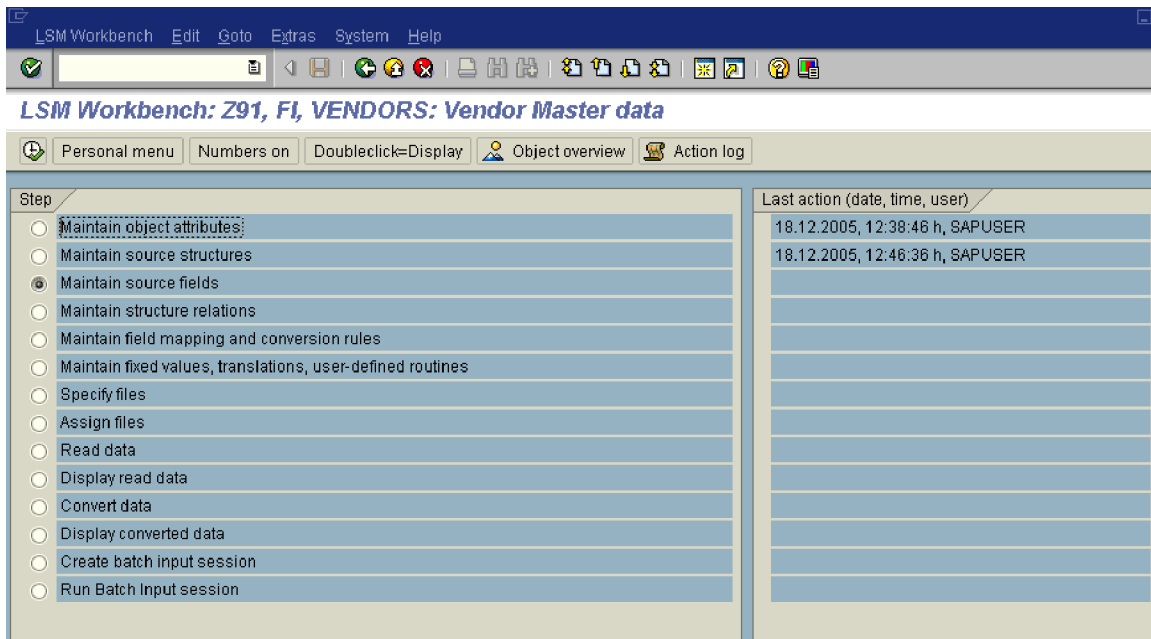
Description Create Vendor Master

Click 

Click 

5. Maintain source fields

Here we maintain the source fields which are to be updated with the data.

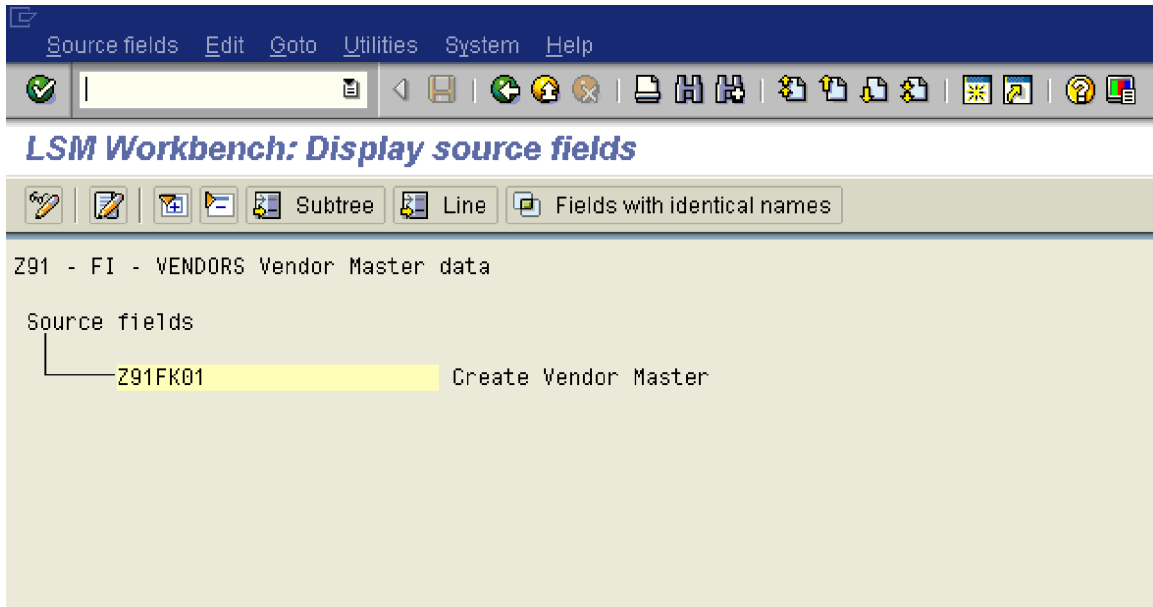


LSM Workbench: Z91, FI, VENDORS: Vendor Master data

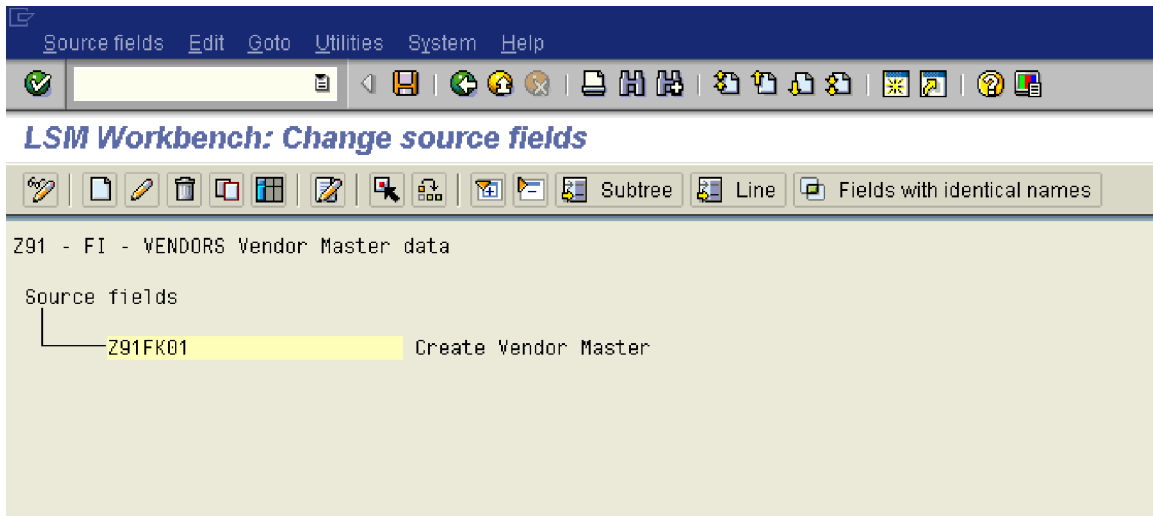
Personal menu Numbers on Doubleclick=Display Object overview Action log


Step	Last action (date, time, user)
<input type="radio"/> Maintain object attributes	18.12.2005, 12:38:46 h, SAPUSER
<input type="radio"/> Maintain source structures	18.12.2005, 12:46:36 h, SAPUSER
<input checked="" type="radio"/> Maintain source fields	
<input type="radio"/> Maintain structure relations	
<input type="radio"/> Maintain field mapping and conversion rules	
<input type="radio"/> Maintain fixed values, translations, user-defined routines	
<input type="radio"/> Specify files	
<input type="radio"/> Assign files	
<input type="radio"/> Read data	
<input type="radio"/> Display read data	
<input type="radio"/> Convert data	
<input type="radio"/> Display converted data	
<input type="radio"/> Create batch input session	
<input type="radio"/> Run Batch Input session	

Click 

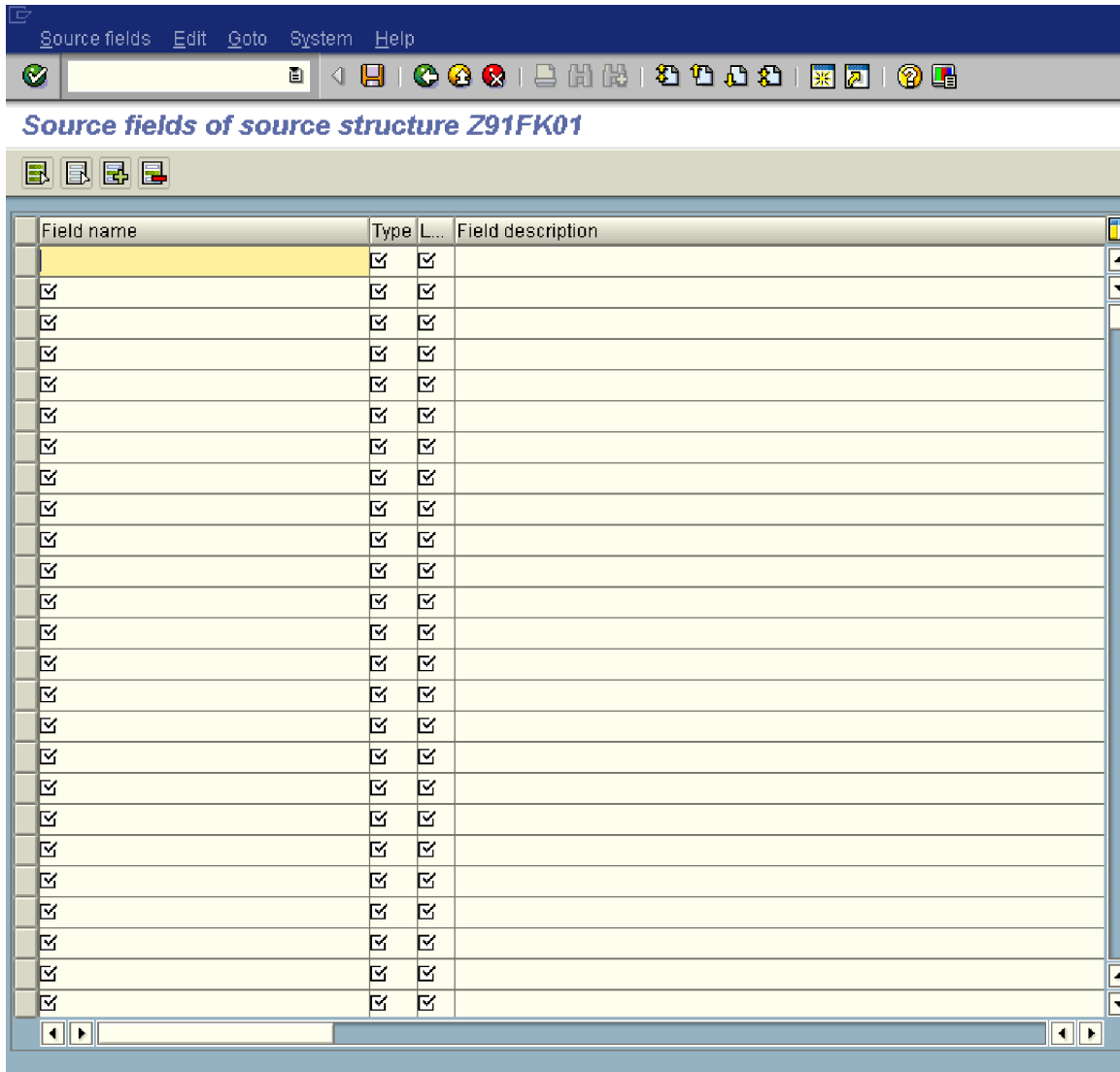


Click 



Position the cursor on  -Z91FK01

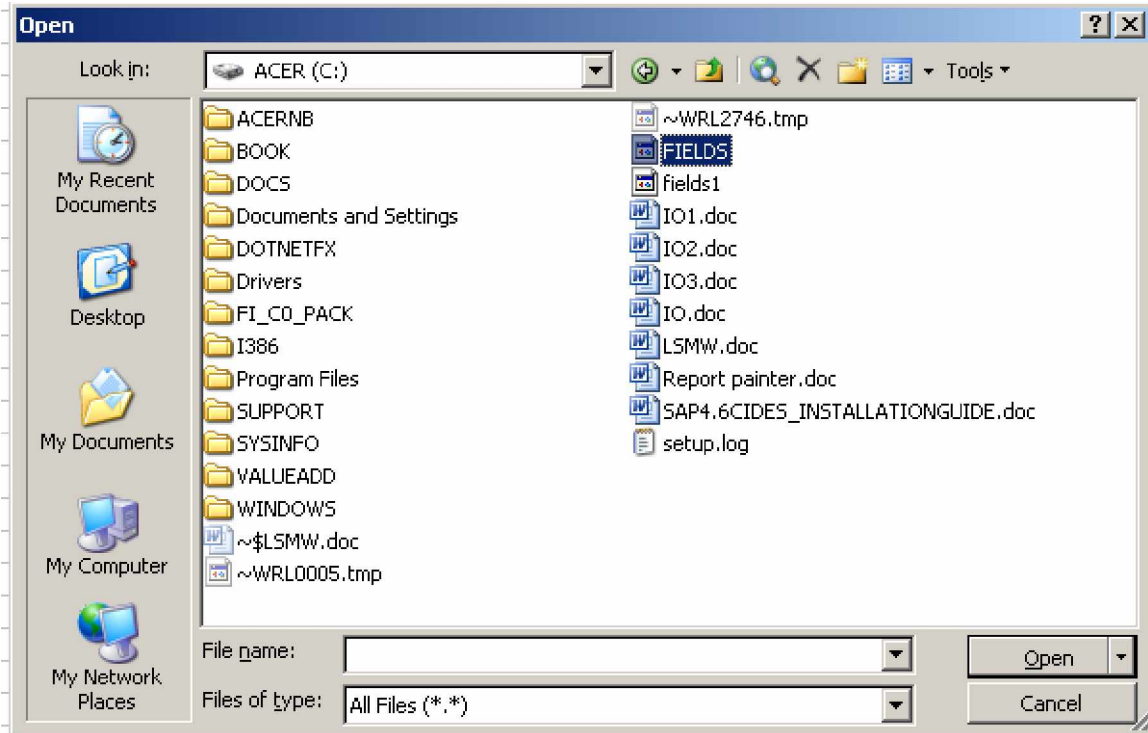
Click 



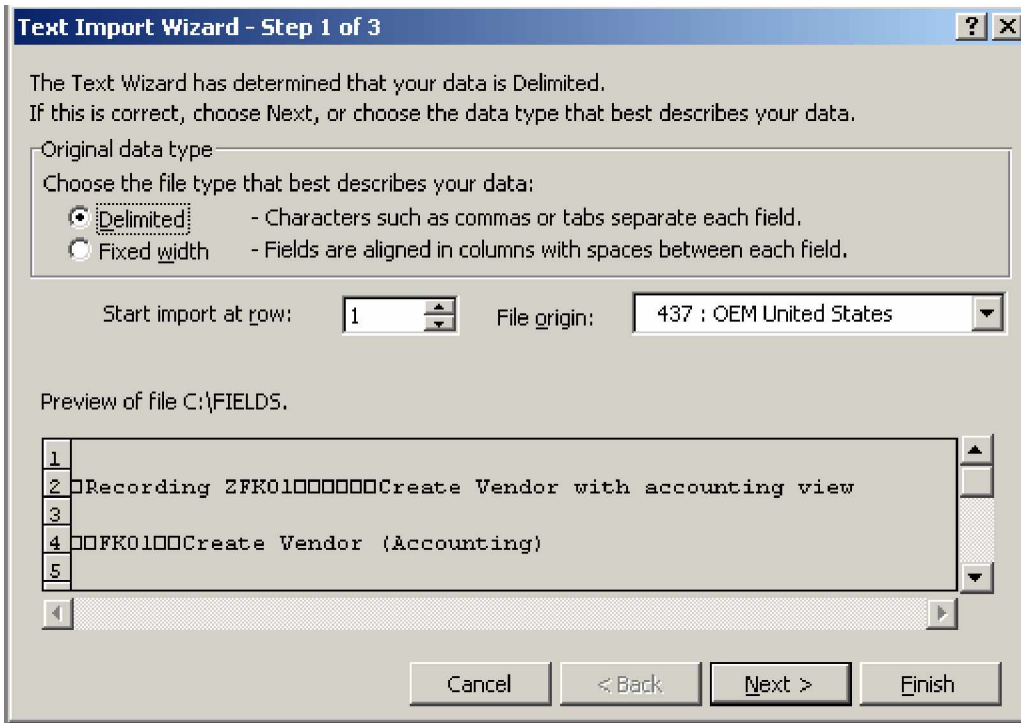
Now we need to update the fields which you have captured in the recording.

In step 1 recording we had downloaded a file with the fields.

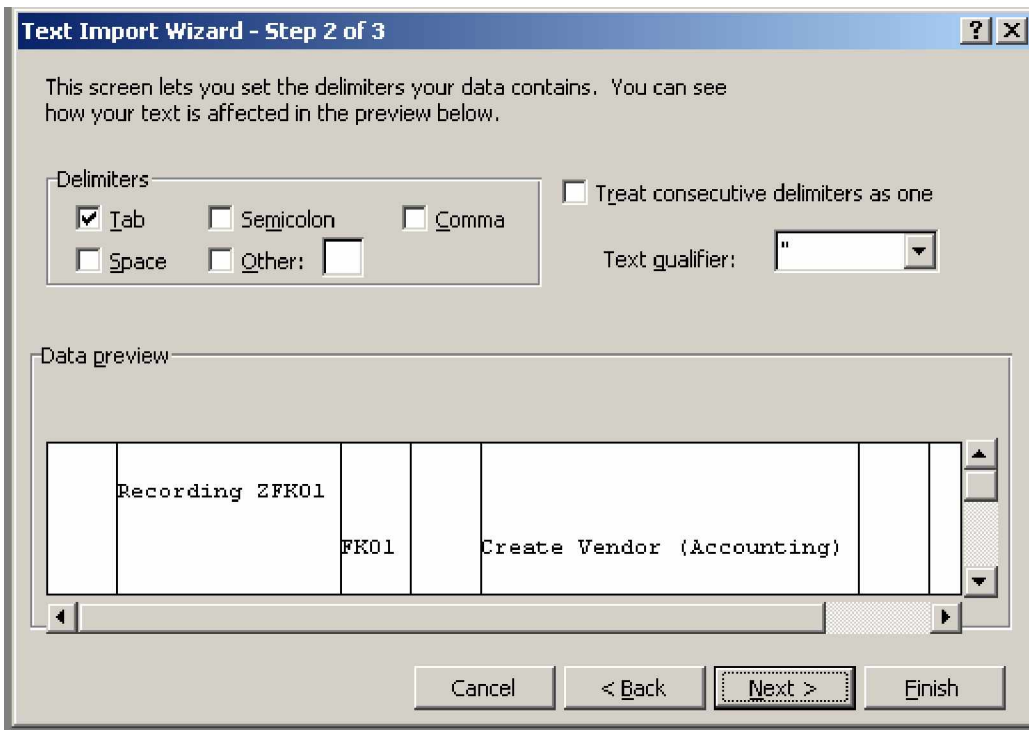
Let us open that file in excel.



Click 



Click 



Click

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1														
2		Recording	ZFK01											
3														
4			FK01											
5														
6				SAPMF02K				105						
7														
8						BDC_CURSOR			RF02K-KTOKK					
9						BDC_OKCODE			/00					
10						RF02K-BUKRS			9100	BUKRS	Company Code			
11						RF02K-KTOKK			Z910	KTOKK	Vendor account group			
12														
13				SAPMF02K				110						
14														
15						BDC_CURSOR			LFA1-PSTLZ					
16						BDC_OKCODE			/00					
17						LFA1-NAME1			Aditya Ltd	NAME1	Name 1			
18						LFA1-SORTL			ADITYA	SORTL	Sort field			
19						LFA1-NAME2			402 Silver	NAME2	Name 2			
20						LFA1-NAME3			Bandra Ku	NAME3	Name 3			
21						LFA1-STRAS			Bandra Ro	STRAS	House number and street			
22						LFA1-ORT01			Mumbai	ORT01	City			
23						LFA1-PSTLZ			400044	PSTLZ	Postal Code			
24						LFA1-LAND1			IN	LAND1	Country key			
25														
26				SAPMF02K				120						
27														
28						BDC_CURSOR			LFA1-KUNNR					
29						BDC_OKCODE			/00					
30						BDC_SUBSCR			SAPMF02K					
31														
32				SAPMF02K				130						
33														
34						BDC_CURSOR			LFBK-BANKS(01)					
35						BDC_OKCODE			#NAME?					

All the fields shown in column J needs to be mapped

Now go to SAP LSMW screen and copy and paste all these fields from excel.

To know the length of fields, go to the transaction code FK01 and enter the vendor code you just now saved. In our case we saved vendor code 100001

We want to know the length of the field Name

Vendor Edit Goto Extras Environment System Help

Display Vendor: Address

Vendor 1000001

Preview

Name

Title

Name Aditya Ltd

402 Silver Tower

Bandra Kurla Complex

Search terms

Search term 1/2 ADITYA

Street address

Street/House number Bandra Road

Postal code/City 400044 Mumbai

Country IN India Region

PO box address

P.O. Box

Postal code

Communication

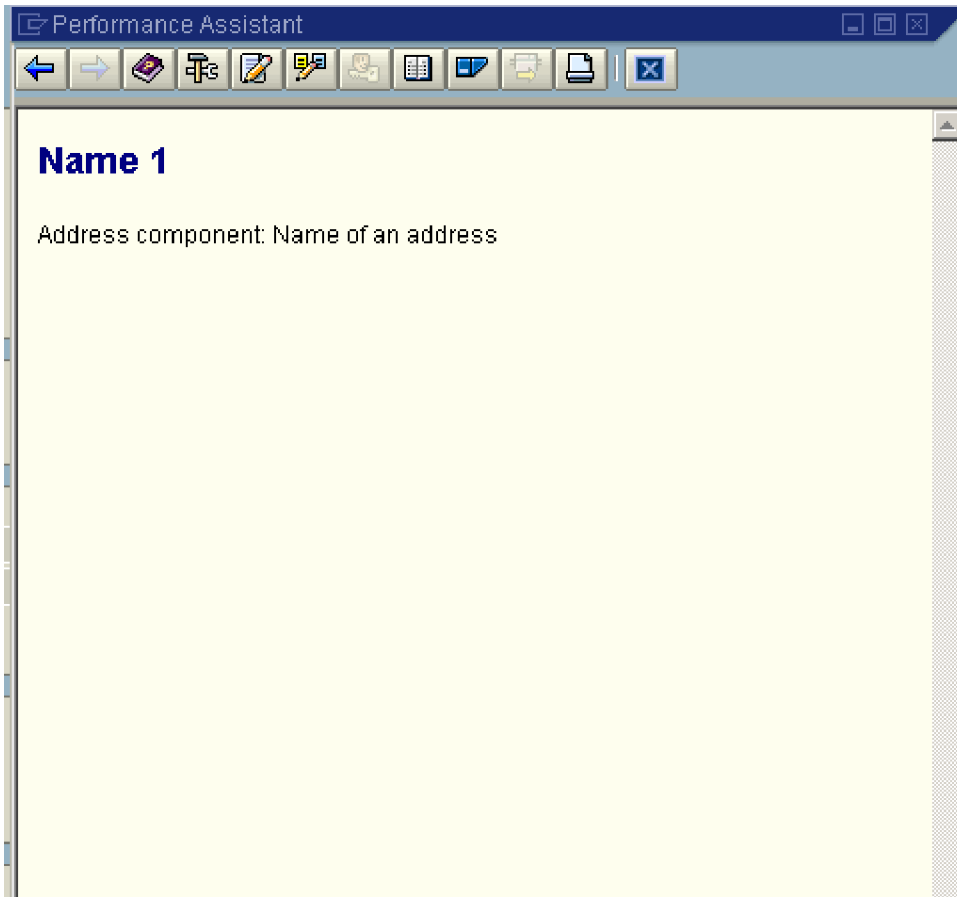
Language Other communication...


Telephone -

Fax -

E-mail

Position the cursor on field Aditya Ltd and press F1 function button on the keyboard or right click and select Help



Click  to see the technical information

Technical Information

Screen data

Program name	SAPLSZA1
Screen number	0301

GUI data



Program name	SAPMF02K
Status	111A

Field data

Struct.	ADDR1_DATA
Field name	NAME1
Data element	AD_NAME1
DE supplement	0

Field description for batch input

Screen field	ADDR1_DATA-NAME1
Program name	SAPMF02K
Screen no.	0111

Double click

Structure Edit Goto Utilities Extras Environment System Help

Dictionary: Display Structure

Structure ADDR1_DATA Active

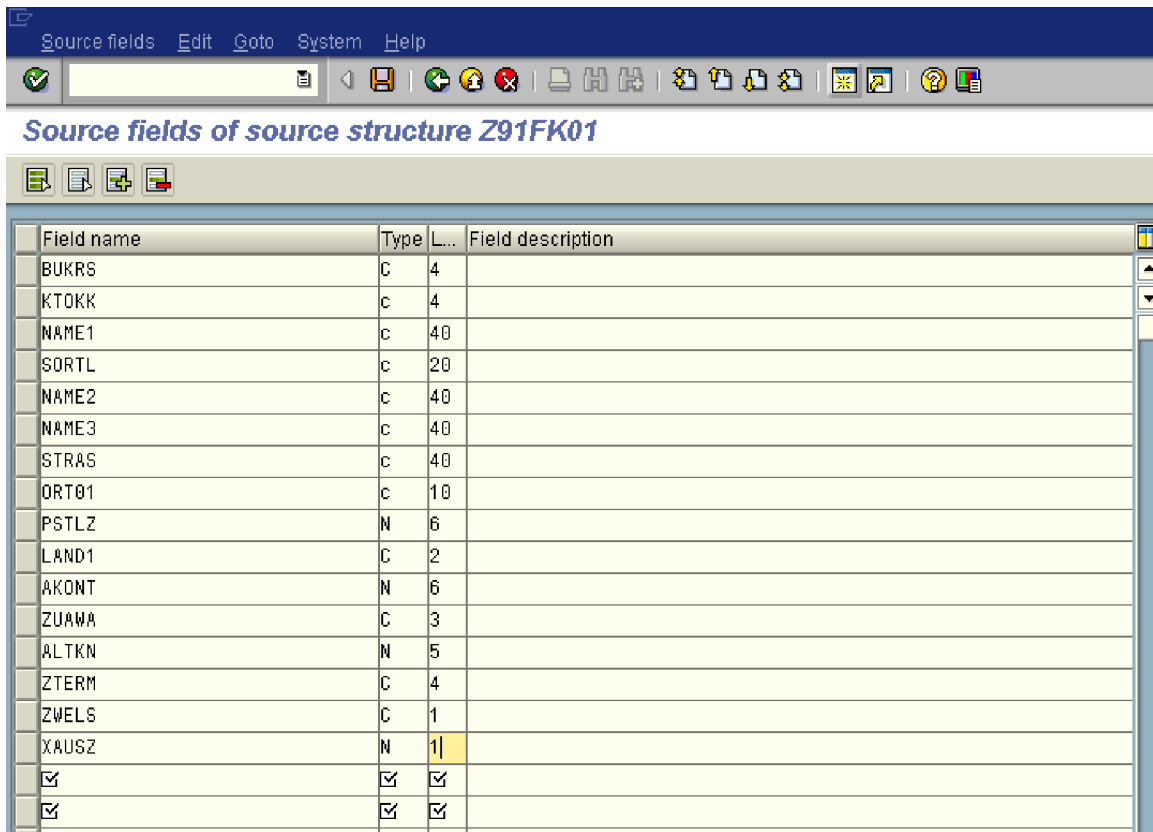
Short text Address transfer structure

Attributes Components Entry help/check Currency/quantity fields

Component	Component type	DType	Length	Dec.p...	Short text
DATE_FROM	AD_DATE_FR	DATS	8	0	Date valid from
DATE_TO	AD_DATE_TO	DATS	8	0	Valid-to date
.INCLUDE	ADNM_STRUC		0	0	Include structure with name attributes of the ADRC address
TITLE	AD_TITLE	CHAR	4	0	Title key
NAME1	AD_NAME1	CHAR	40	0	Name 1
NAME2	AD_NAME2	CHAR	40	0	Name 2
NAME3	AD_NAME3	CHAR	40	0	Name 3
NAME4	AD_NAME4	CHAR	40	0	Name 4
NAME_TXT	AD_NAME_TXT	CHAR	50	0	Converted name field (with form of address)
.INCLUDE	ADRC_STRUC		0	0	Include structure with ADRC attributes without name fields
NAME_CO	AD_NAME_CO	CHAR	40	0	c/o name
CITY1	AD_CITY1	CHAR	40	0	City
CITY2	AD_CITY2	CHAR	40	0	District
CITY_CODE	AD_CITYNUM	CHAR	12	0	City code for city/street file
CITYP_CODE	AD_CITYPNM	CHAR	8	0	District code for City and Street file
HOME_CITY	AD_CITY3	CHAR	40	0	City (different from postal city)
CITYH_CODE	AD_CITYHNM	CHAR	12	0	Different city for city/street file
CHKSTATUS	AD_CHECKST	CHAR	1	0	City file test status

The length of the field Name1 is 40 and the data type is character

Here you update the field name, the type of field whether C (Character, alphanumeric) or N (Numeric) and the length of the field



The screenshot shows the SAP 'Source fields of source structure Z91FK01' window. The window title is 'Source fields of source structure Z91FK01'. The table below lists the fields with their names, types, and lengths. The 'X' column is checked for all fields. The 'X' column is checked for all fields.

Field name	Type	L...	Field description
BUKRS	C	4	
KTOKK	c	4	
NAME1	c	40	
SORTL	c	20	
NAME2	c	40	
NAME3	c	40	
STRAS	c	40	
ORT01	c	10	
PSTLZ	N	6	
LAND1	C	2	
AKONT	N	6	
ZUAWA	C	3	
ALTKN	N	5	
ZTERM	C	4	
ZWELS	C	1	
XAUSZ	N	1	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

After updating all the fields

Click 

Source fields Edit Goto Utilities System Help

LSM Workbench: Change source fields

Z91 - FI - VENDORS Vendor Master data

Source fields

Z91FK01 Create Vendor Master

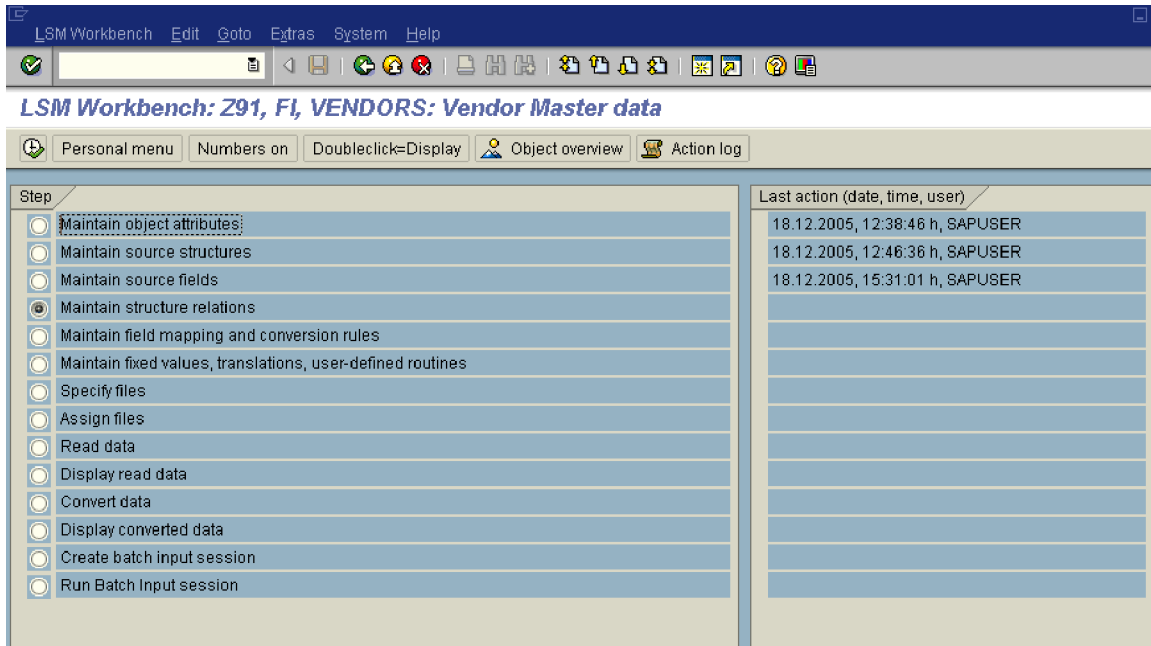
BUKRS	C(004)	BUKRS
KTOKK	C(004)	KTOKK
NAME1	C(040)	NAME1
SortL	C(020)	SortL
NAME2	C(040)	NAME2
NAME3	C(040)	NAME3
STRAS	C(040)	STRAS
ORT01	C(010)	ORT01
PSTLZ	N(006)	PSTLZ
LAND1	C(002)	LAND1
AKONT	N(006)	AKONT
ZUAWA	C(003)	ZUAWA
ALTKN	N(005)	ALTKN
ZTERM	C(004)	ZTERM
ZWELS	C(001)	ZWELS
XAUSZ	N(001)	XAUSZ

Click 

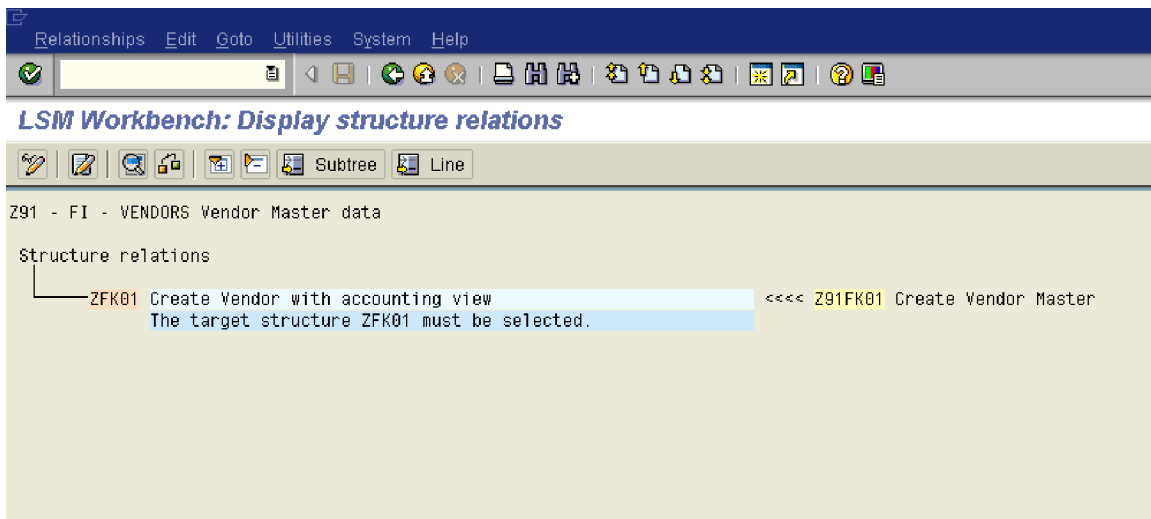
Click 

6. Maintain Structure relations

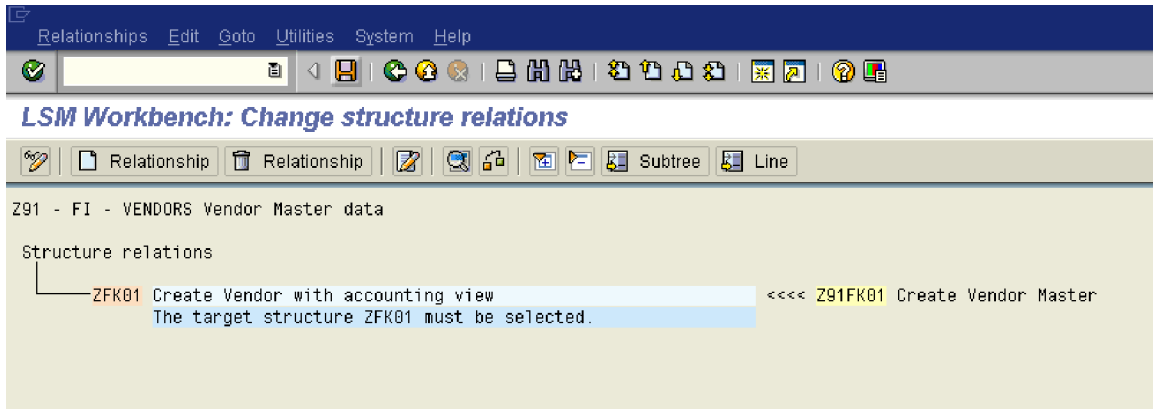
We actually don't do anything except click on change button and click on save button.



Click 



Click 

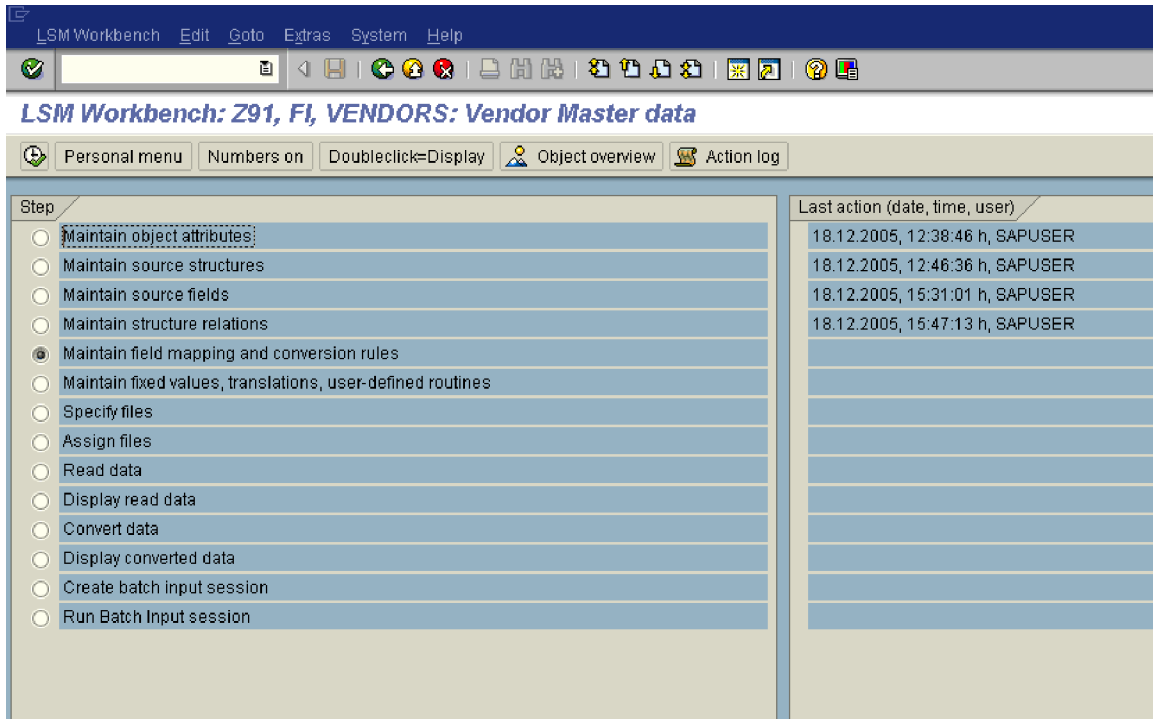


Click 

Click 

7. Maintain field mapping and conversion rules

Here we create a link between the system fields and the source fields maintained in the earlier step.



Click 

Fieldmapping Edit Goto Extras Utilities System Help

LSM Workbench: Display Fieldmapping and Conversion Rules

Z91 - FI - VENDORS Vendor Master data

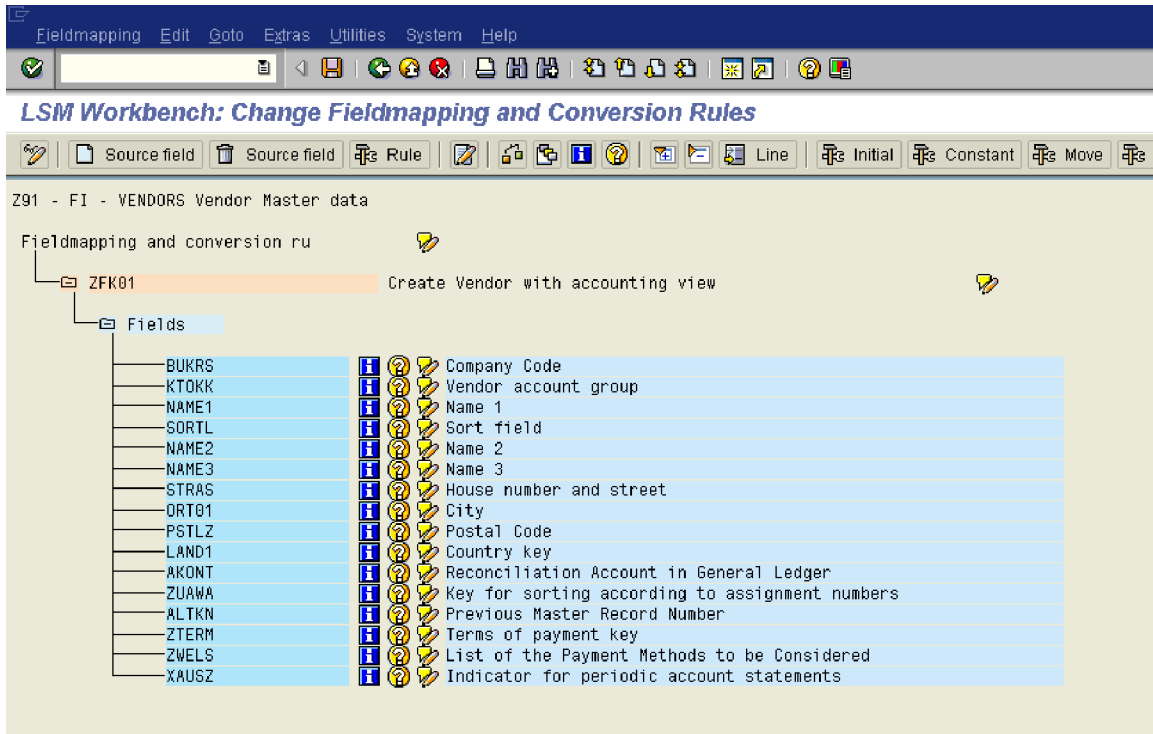
Fieldmapping and conversion ru

ZFK01 Create Vendor with accounting view

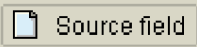
Fields

BUKRS				Company Code
KTOKK				Vendor account group
NAME1				Name 1
SORTL				Sort field
NAME2				Name 2
NAME3				Name 3
STRAS				House number and street
ORT01				City
PSTLZ				Postal Code
LAND1				Country key
AKONT				Reconciliation Account in General Ledger
ZUAWA				Key for sorting according to assignment numbers
ALTKN				Previous Master Record Number
ZTERM				Terms of payment key
ZWELS				List of the Payment Methods to be Considered
XAUSZ				Indicator for periodic account statements

Click



Position the cursor on **BUKRS** and click



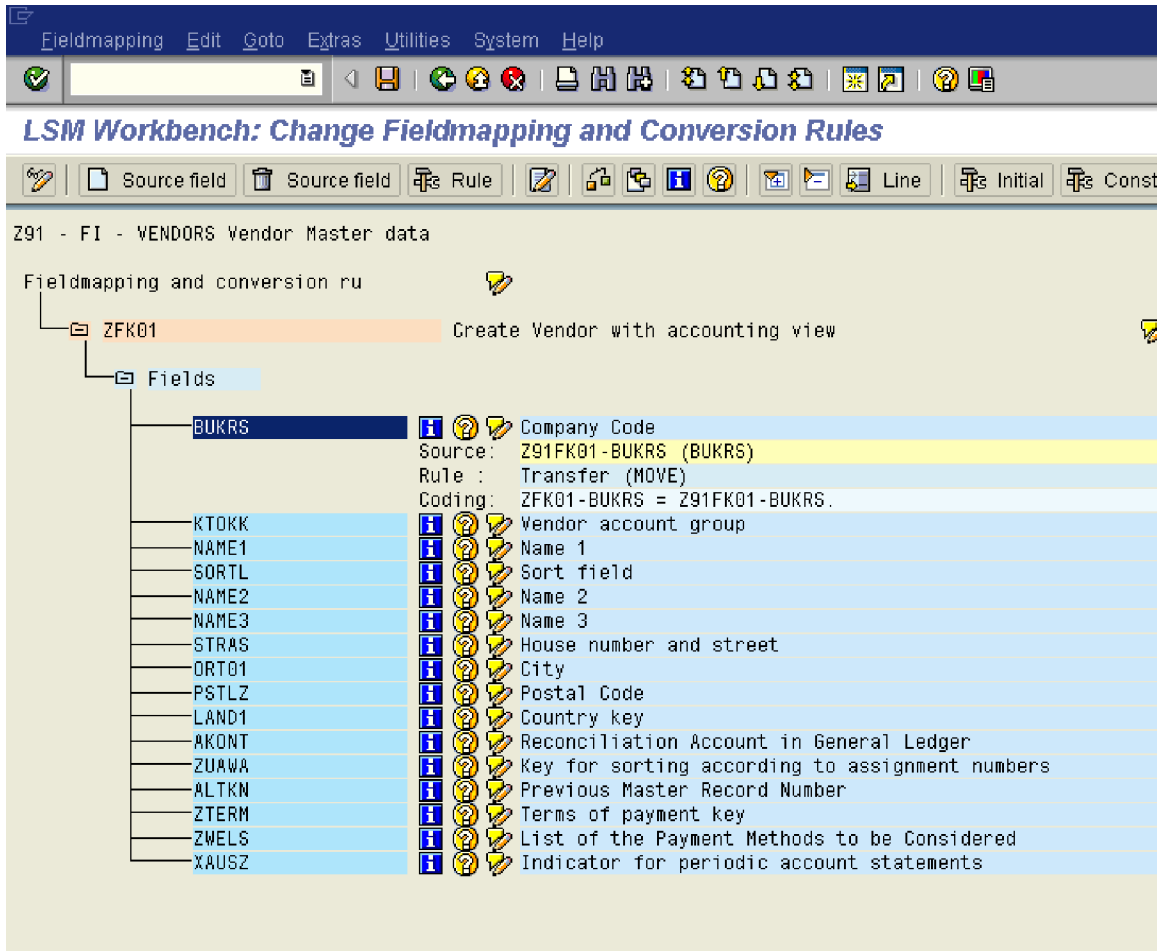
Source field

ZFK01-BUKRS: Assign source field

No.	Source structure	Source field	Descriptio
0001	Z91FK01	BUKRS	BUKRS
0002	Z91FK01	KTOKK	KTOKK
0003	Z91FK01	NAME1	NAME1
0004	Z91FK01	SORTL	SORTL
0005	Z91FK01	NAME2	NAME2
0006	Z91FK01	NAME3	NAME3
0007	Z91FK01	STRAS	STRAS
0008	Z91FK01	ORT01	ORT01
0009	Z91FK01	PSTLZ	PSTLZ
0010	Z91FK01	LAND1	LAND1
0011	Z91FK01	AKONT	AKONT
0012	Z91FK01	ZUAWA	ZUAWA
0013	Z91FK01	ALTKN	ALTKN
0014	Z91FK01	ZTERM	ZTERM
0015	Z91FK01	ZWELS	ZWELS
0016	Z91FK01	XAUSZ	XAUSZ

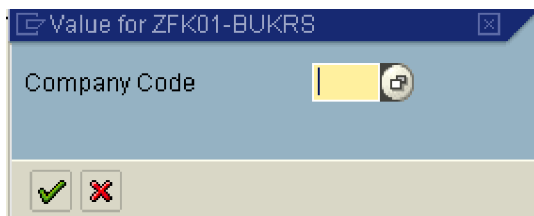
Navigation icons: back, forward, search, print, save, close.

Double click | BUKRS

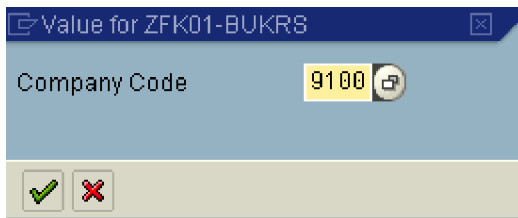


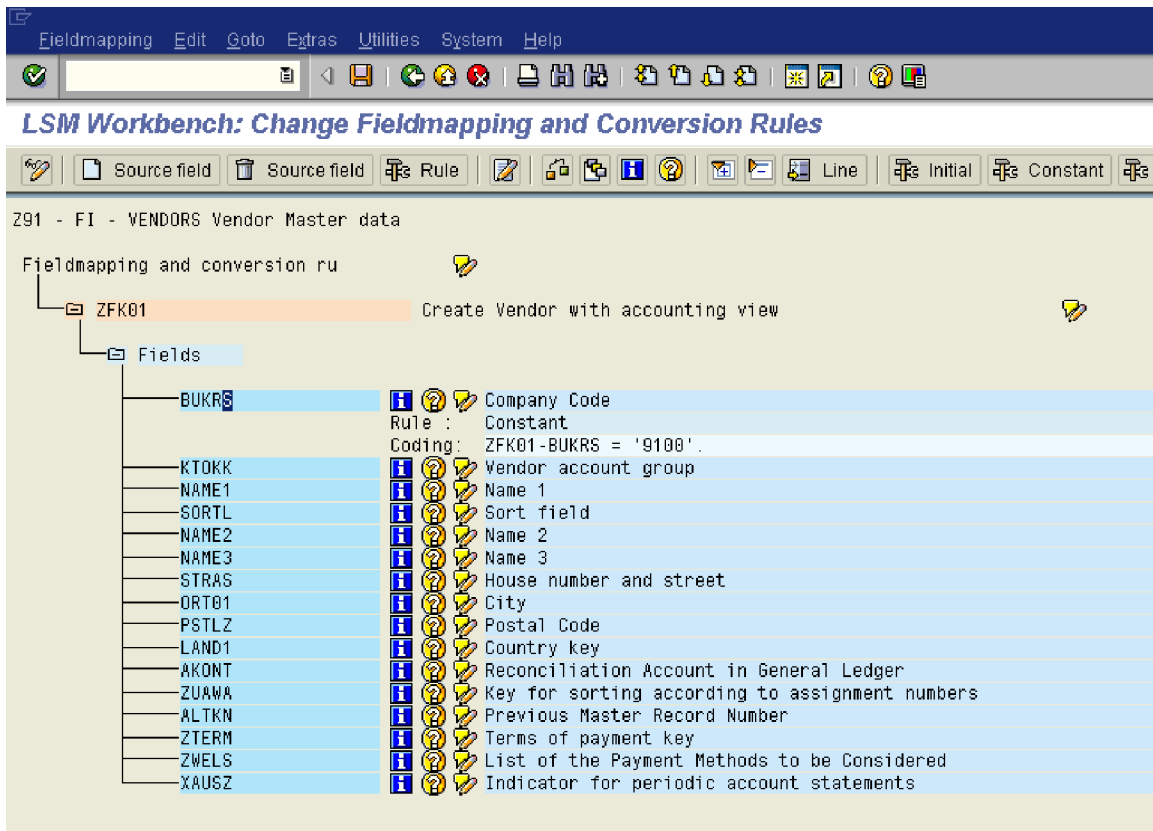
If you want to default the company code position the cursor on BUKRS and click

Constant



Update the following:-

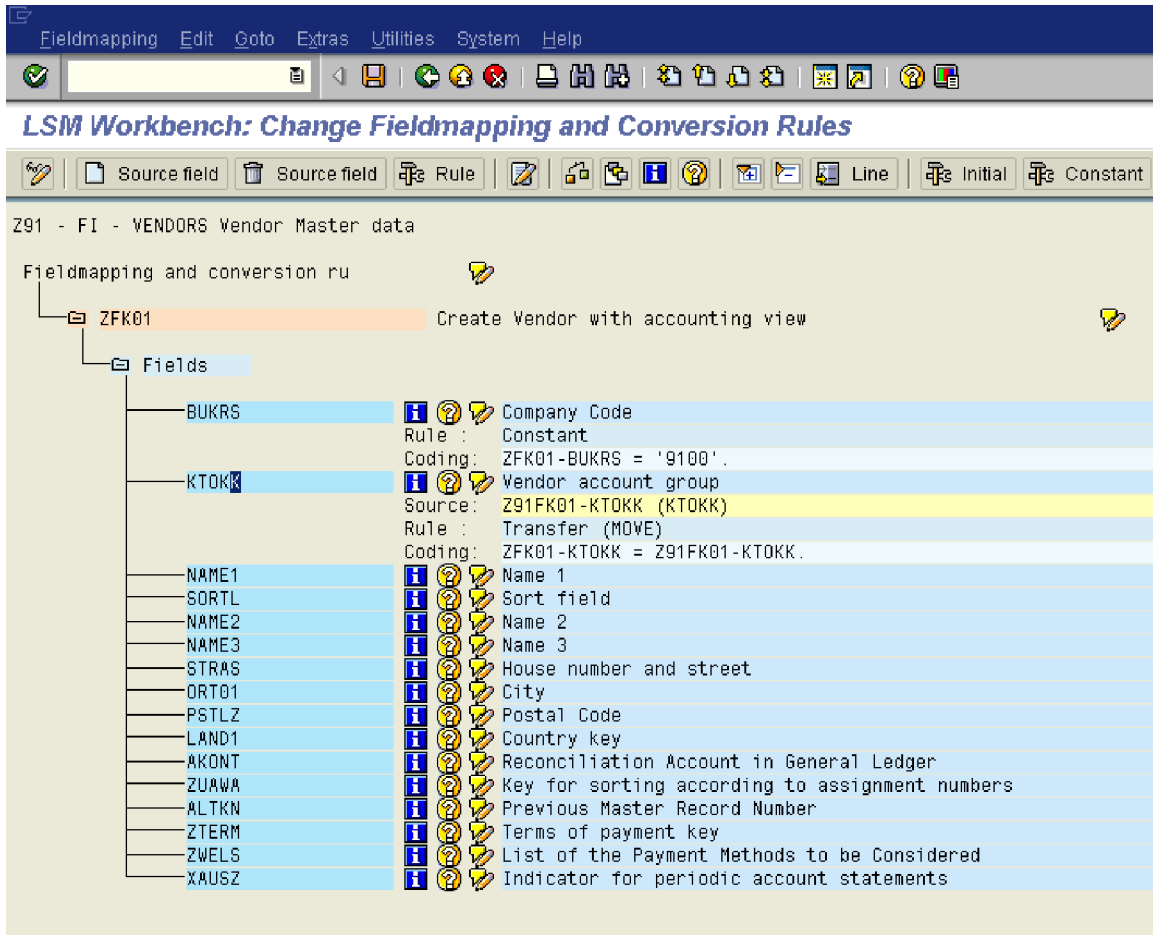




Position the cursor on **KTOKK** and click  Source field

No.	Source structure	Source field	Descriptio
0001	Z91FK01	BUKRS	BUKRS
0002	Z91FK01	KTOXK	KTOKK
0003	Z91FK01	NAME1	NAME1
0004	Z91FK01	SORTL	SORTL
0005	Z91FK01	NAME2	NAME2
0006	Z91FK01	NAME3	NAME3
0007	Z91FK01	STRAS	STRAS
0008	Z91FK01	ORT01	ORT01
0009	Z91FK01	PSTLZ	PSTLZ
0010	Z91FK01	LAND1	LAND1
0011	Z91FK01	AKONT	AKONT
0012	Z91FK01	ZUAWA	ZUAWA
0013	Z91FK01	ALTKN	ALTKN
0014	Z91FK01	ZTERM	ZTERM
0015	Z91FK01	ZWELS	ZWELS
0016	Z91FK01	XAUSZ	XAUSZ

Double click



Position the cursor on NAME1 and click



Double click NAME1

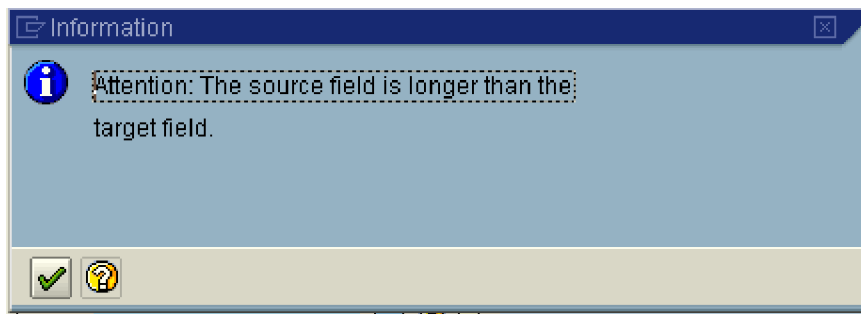
Similarly map all the fields

- SORTL
- NAME2
- NAME3
- STRAS
- ORT01
- PSTLZ
- LAND1
- AKONT
- ZUAWA
- ALTKN
- ZTERM
- ZWELS
- XAUSZ

To

0004	Z91FK01	SORTL
0005	Z91FK01	NAME2
0006	Z91FK01	NAME3
0007	Z91FK01	STRAS
0008	Z91FK01	ORT01
0009	Z91FK01	PSTLZ
0010	Z91FK01	LAND1
0011	Z91FK01	AKONT
0012	Z91FK01	ZUAWA
0013	Z91FK01	ALTKN
0014	Z91FK01	ZTERM
0015	Z91FK01	ZWELS
0016	Z91FK01	XAUSZ

Sometime you get a message ignore it. This is because you have maintained the length of the field which is more than the target field. If the source field is longer than the target field the text such as name, address could get truncated.



Fieldmapping Edit Goto Extras Utilities System Help

LSM Workbench: Change Fieldmapping and Conversion Rules

Source field Source field Rule Line Initial Constant

Z91 - FI - VENDORS Vendor Master data

	Source: Z91FK01-ORT01 (ORT01)
	Rule : Transfer (MOVE)
	Coding: ZFK01-ORT01 = Z91FK01-ORT01.
PSTLZ	Postal Code
	Source: Z91FK01-PSTLZ (PSTLZ)
	Rule : Transfer (MOVE)
	Coding: ZFK01-PSTLZ = Z91FK01-PSTLZ.
LAND1	Country key
	Source: Z91FK01-LAND1 (LAND1)
	Rule : Transfer (MOVE)
	Coding: ZFK01-LAND1 = Z91FK01-LAND1.
AKONT	Reconciliation Account in General Ledger
	Source: Z91FK01-AKONT (AKONT)
	Rule : Transfer (MOVE)
	Coding: ZFK01-AKONT = Z91FK01-AKONT.
ZUAWA	Key for sorting according to assignment numbers
	Source: Z91FK01-ZUAWA (ZUAWA)
	Rule : Transfer (MOVE)
	Coding: ZFK01-ZUAWA = Z91FK01-ZUAWA.
ALTKN	Previous Master Record Number
	Source: Z91FK01-ALTKN (ALTKN)
	Rule : Transfer (MOVE)
	Coding: ZFK01-ALTKN = Z91FK01-ALTKN.
ZTERM	Terms of payment key
	Source: Z91FK01-ZTERM (ZTERM)
	Rule : Transfer (MOVE)
	Coding: ZFK01-ZTERM = Z91FK01-ZTERM.
ZWELS	List of the Payment Methods to be Considered
	Source: Z91FK01-ZWELS (ZWELS)
	Rule : Transfer (MOVE)
	Coding: ZFK01-ZWELS = Z91FK01-ZWELS.
XAUSZ	Indicator for periodic account statements
	Source: Z91FK01-XAUSZ (XAUSZ)
	Rule : Transfer (MOVE)
	Coding: ZFK01-XAUSZ = Z91FK01-XAUSZ.

Click 

Click 

Fieldmapping Edit Goto Extras Utilities System Help

LSM Workbench: Change Fieldmapping and Conversion Rules

Source field Source field Rule Line Initial

Z91 - FI - VENDORS Vendor Master data

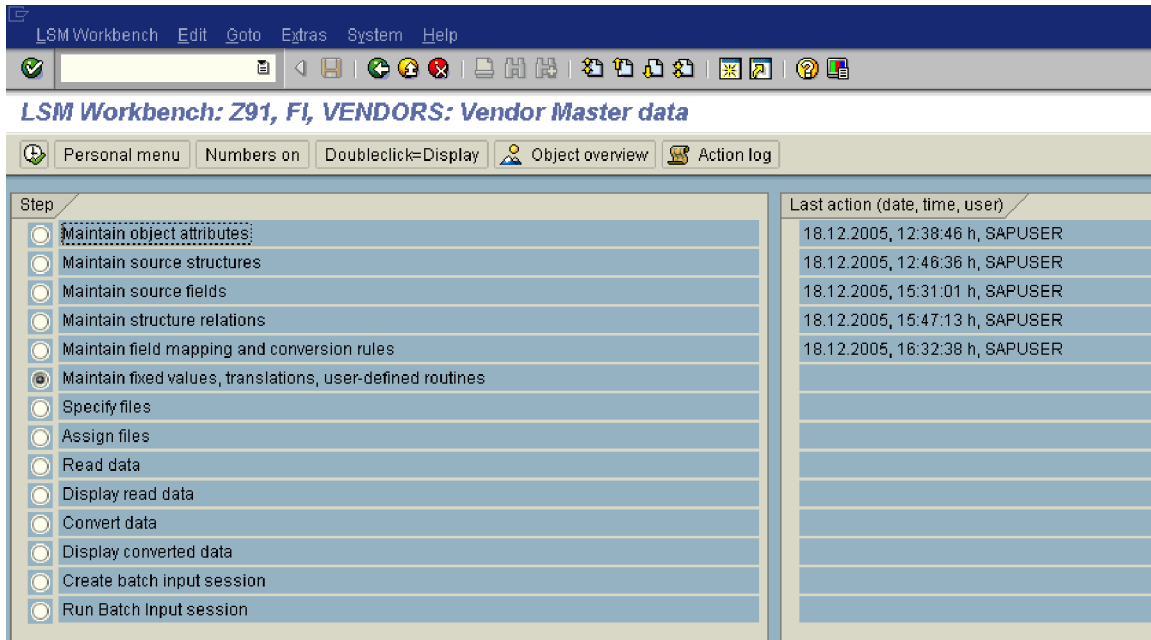
PSTLZ	Source: Z91FK01-ORT01 (ORT01) Rule : Transfer (MOVE) Coding: ZFK01-ORT01 = Z91FK01-ORT01. Postal Code
LAND1	Source: Z91FK01-PSTLZ (PSTLZ) Rule : Transfer (MOVE) Coding: ZFK01-PSTLZ = Z91FK01-PSTLZ. Country key
AKONT	Source: Z91FK01-LAND1 (LAND1) Rule : Transfer (MOVE) Coding: ZFK01-LAND1 = Z91FK01-LAND1. Reconciliation Account in General Ledger
ZUAWA	Source: Z91FK01-AKONT (AKONT) Rule : Transfer (MOVE) Coding: ZFK01-AKONT = Z91FK01-AKONT. Key for sorting according to assignment number
ALTKN	Source: Z91FK01-ZUAWA (ZUAWA) Rule : Transfer (MOVE) Coding: ZFK01-ZUAWA = Z91FK01-ZUAWA. Previous Master Record Number
ZTERM	Source: Z91FK01-ALTKN (ALTKN) Rule : Transfer (MOVE) Coding: ZFK01-ALTKN = Z91FK01-ALTKN. Terms of payment key
ZWELS	Source: Z91FK01-ZTERM (ZTERM) Rule : Transfer (MOVE) Coding: ZFK01-ZTERM = Z91FK01-ZTERM. List of the Payment Methods to be Considered
XAUSZ	Source: Z91FK01-ZWELS (ZWELS) Rule : Transfer (MOVE) Coding: ZFK01-ZWELS = Z91FK01-ZWELS. Indicator for periodic account statements
	Source: Z91FK01-XAUSZ (XAUSZ) Rule : Transfer (MOVE) Coding: ZFK01-XAUSZ = Z91FK01-XAUSZ.

The conversion program could be generated successfully.

Click 

8. Specify file for upload and create a file for upload

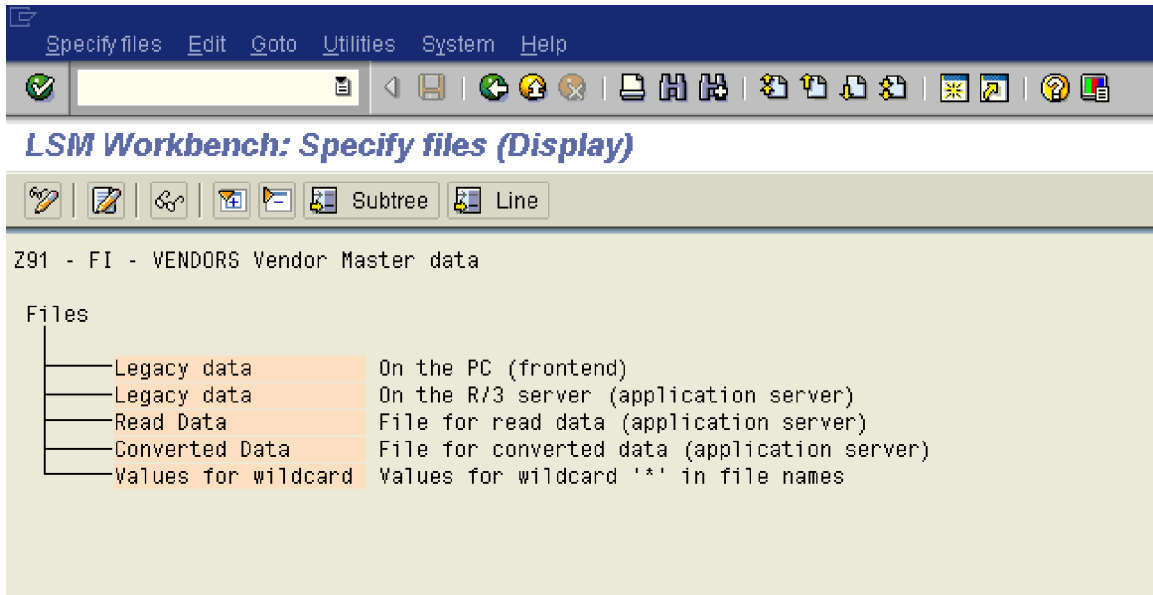
Here you attach the text file for upload.



Skip the Step **Maintain fixed values, translations, user defined routines**

Click  Specify files

Click 



Before we attach the file for upload, we must create this the file.

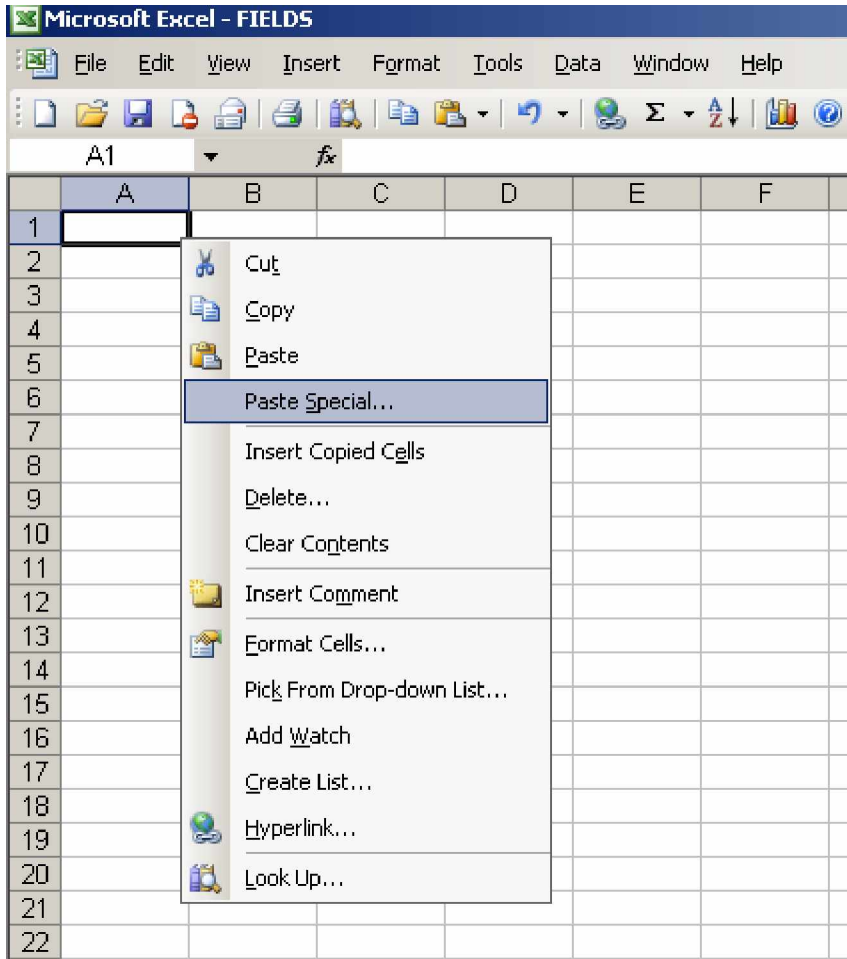
Use the file already downloaded for creating upload file

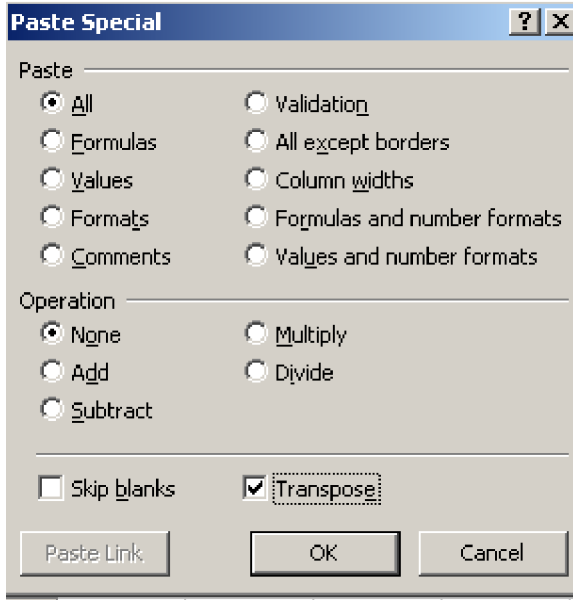
The screenshot shows a Microsoft Excel spreadsheet titled 'Microsoft Excel - FIELDS'. The spreadsheet contains the following data:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1														
2		Recording ZFK01												
3														
4			FK01											
5														
6				SAPMF02K				105						
7														
8						BDC_CURSOR			RF02K-KTOKK					
9						BDC_OKCODE			/00					
10						RF02K-BUKRS			9100	BUKRS				Company Code
11						RF02K-KTOKK			Z910	KTOKK				Vendor account group
12				SAPMF02K										
13														
14														
15						BDC_CURSOR			LFA1-PSTLZ					
16						BDC_OKCODE			/00					
17						LFA1-NAME1			Aditya Ltd	NAME1				Name 1
18						LFA1-SORTL			ADITYA	SORTL				Sort field
19						LFA1-NAME2			402 Silver	NAME2				Name 2
20						LFA1-NAME3			Bandra Ku	NAME3				Name 3
21						LFA1-STRAS			Bandra Rd	STRAS				House number and street
22						LFA1-ORT01			Mumbai	ORT01				City
23						LFA1-PSTLZ			400044	PSTLZ				Postal Code
24						LFA1-LAND1			IN	LAND1				Country key
25														
26				SAPMF02K										
27														
28						BDC_CURSOR			LFA1-KUNNR					
29						BDC_OKCODE			/00					
30						BDC_SUBSCR			SAPMF02K					
31														
32				SAPMF02K										
33														
34						BDC_CURSOR			LFBK-BANKS(01)					
35						BDC_OKCODE			#NAME?					

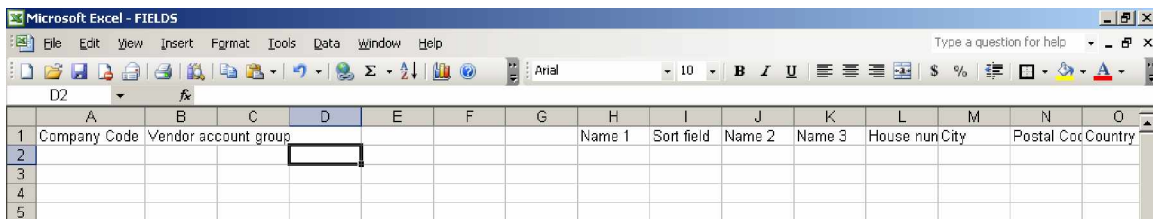
Copy column K and insert on a new worksheet

Right click and select

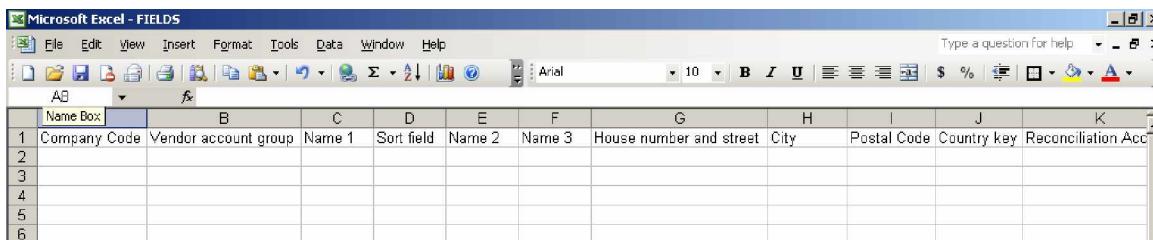




Click 



Remove the blank columns in between



Now update the data for vendors to be uploaded into the system.

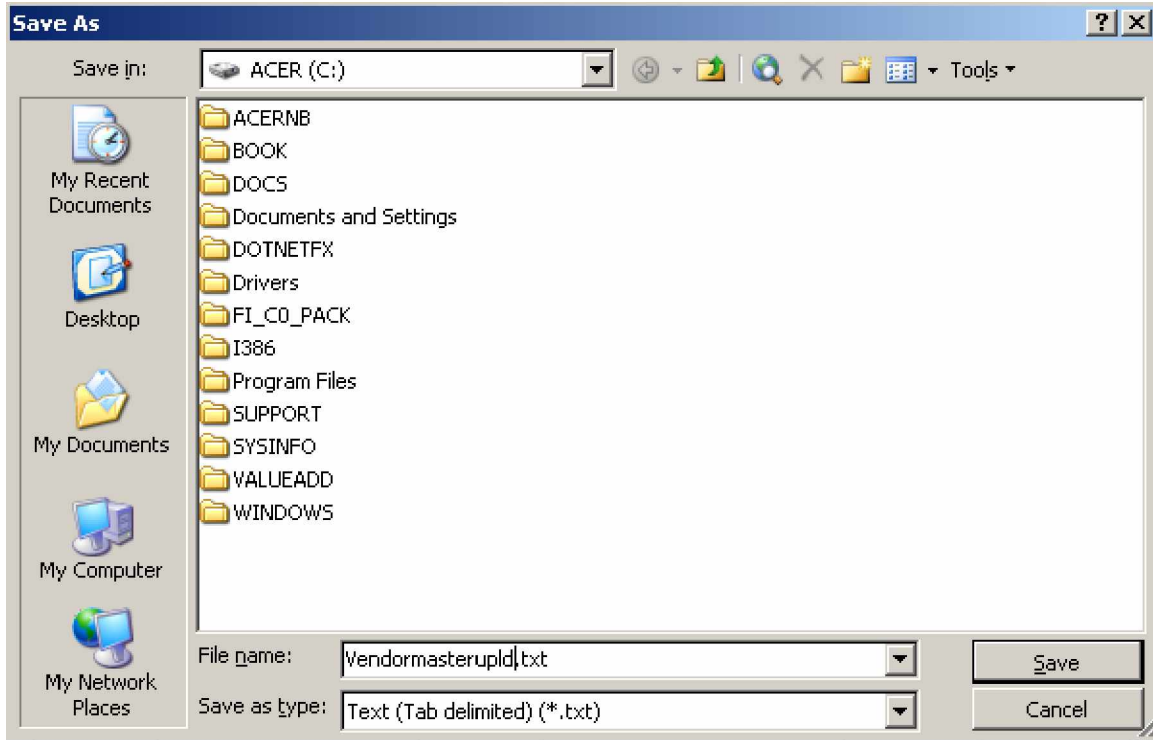
	A	B	C	D	E	F	G	H	I	J	
1	company code	Vendor account group	Name 1	Sort field	Name 2	Name 3	House number and street	City	Postal Code	Country key	Recon
2	9100	Z910	Excel Ltd.	Excel	17, Goldspring	Fort	M.G. Road	Mumbai	400001	IN	
3	9100	Z910	Amgon Ltd	Amgon	21, Lotus	Cuffe Para	LBS Road	Mumbai	400010	IN	
4											
5											

Save this file as an excel template for upload of Vendor master.

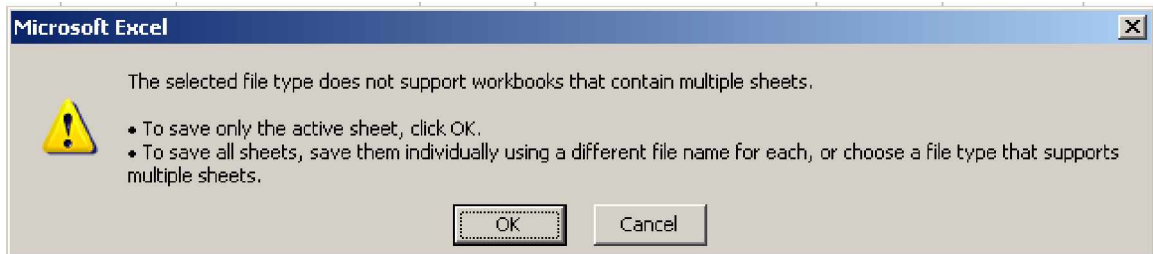
Thereafter delete the header row.

	A	B	C	D	E	F	G	H	I	J	
1	9100	Z910	Excel Ltd.	Excel	17, Goldspring	Fort	M.G. Road	Mumbai	400001	IN	
2	9100	Z910	Amgon Ltd	Amgon	21, Lotus	Cuffe Para	LBS Road	Mumbai	400010	IN	
3											
4											
5											

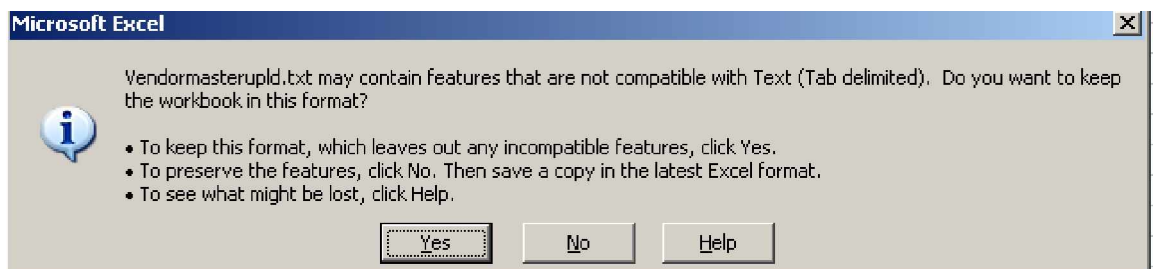
Now click on File → Save as




Click 

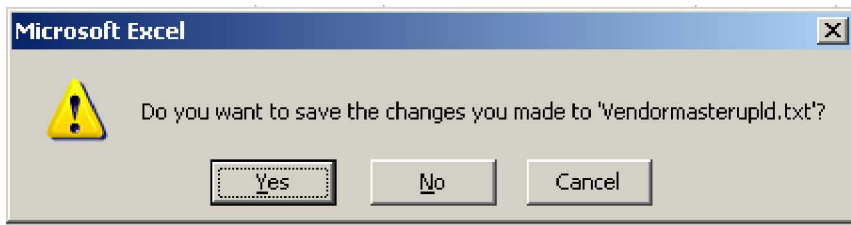


Click 



Click 

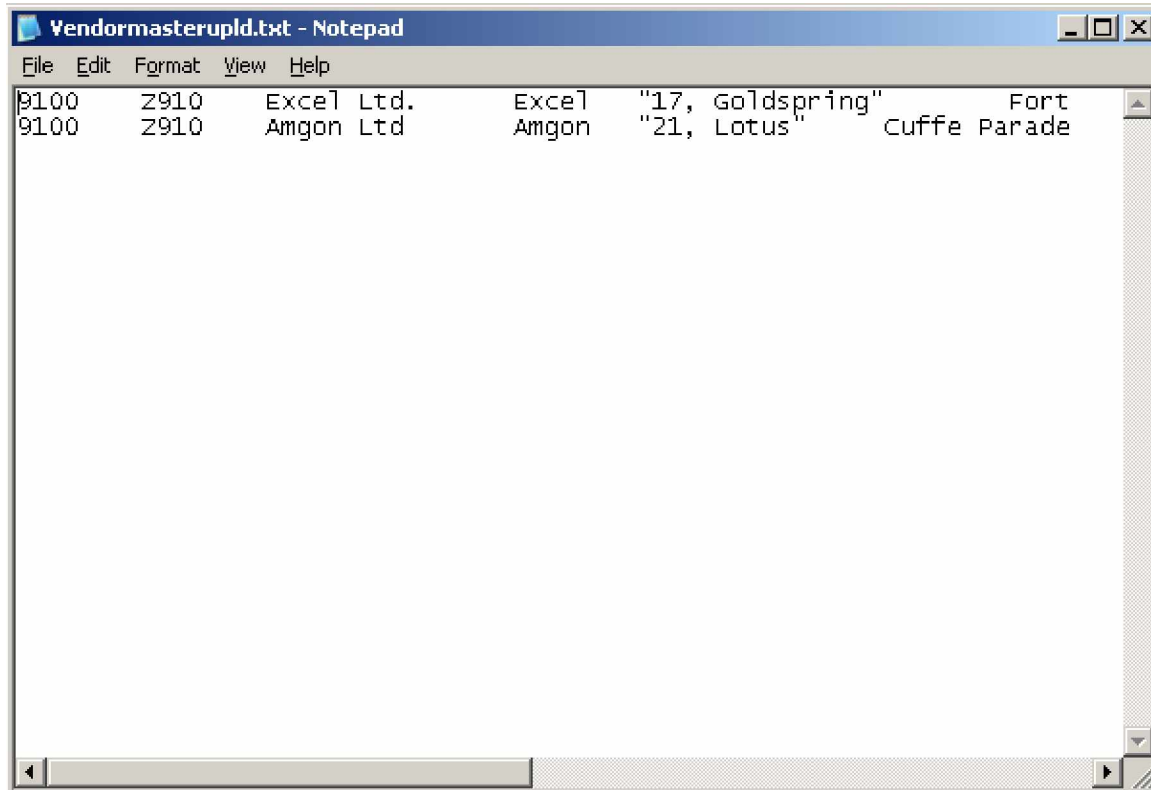
Click  to close the file



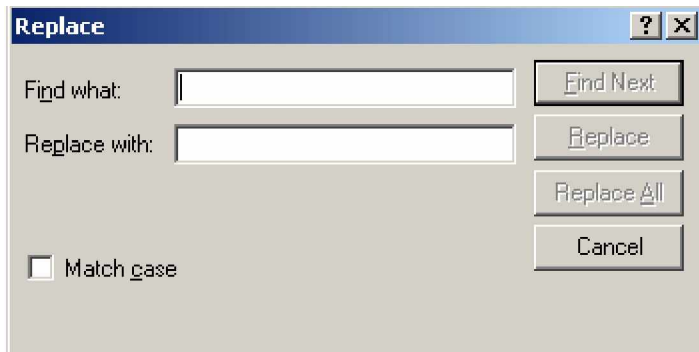
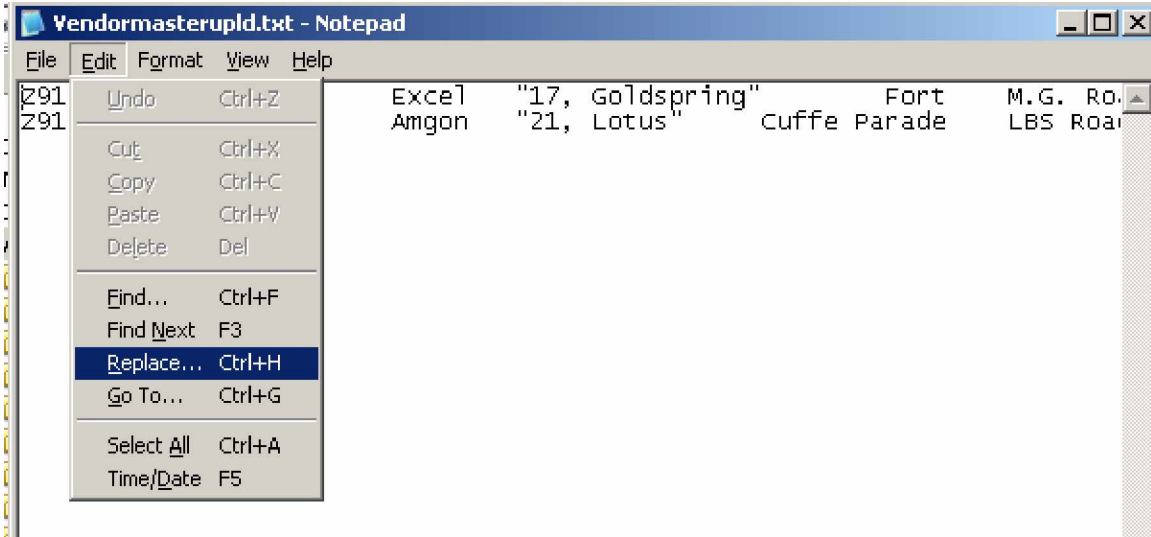
Click

Check the text file to see if it is ok , whether it has no double quotes etc.

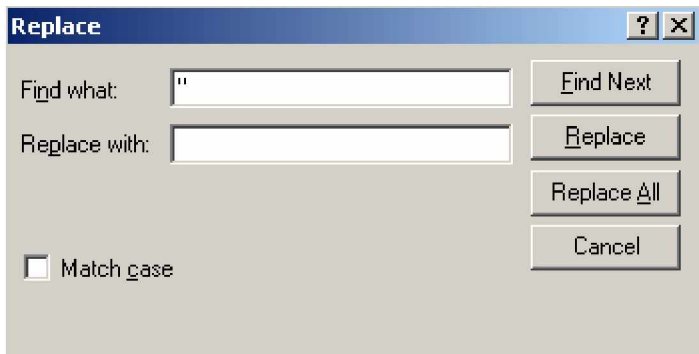
Open the text file from the location where it is saved.



There are some double quotes in the file, we need to remove this

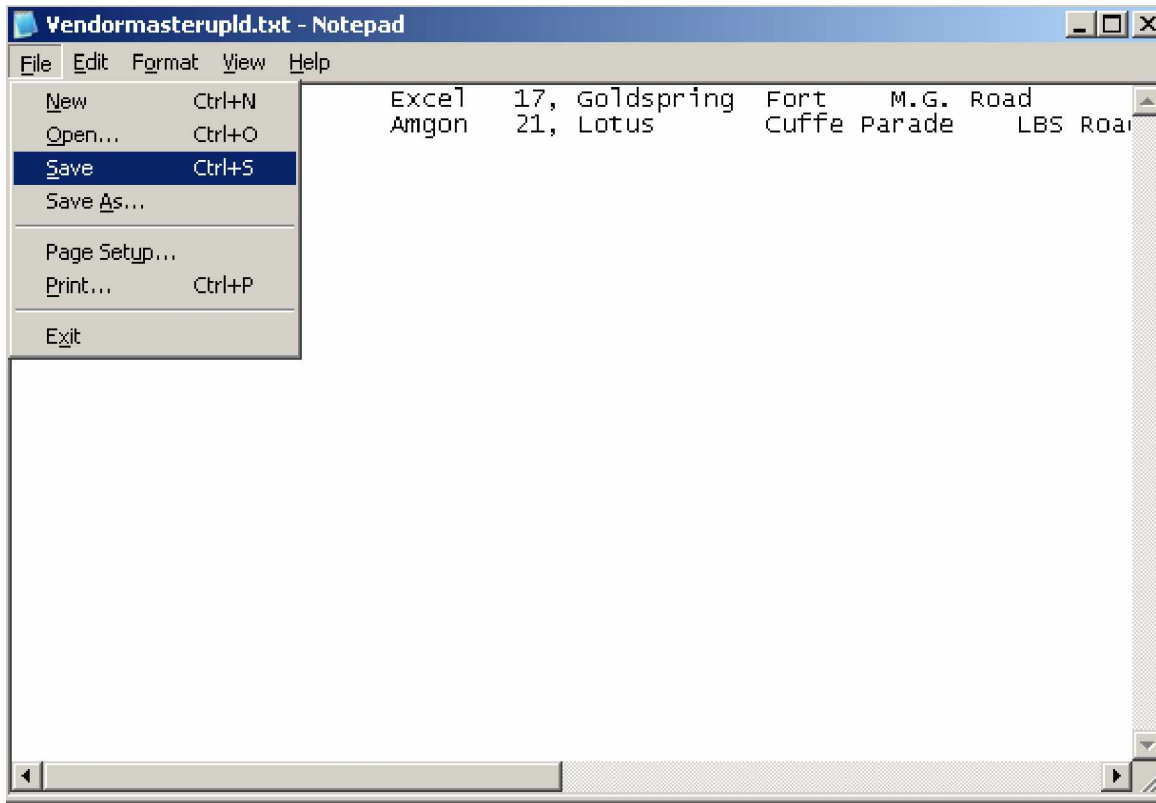


Update the following:-



Click 

Click 



Close this file.

Now the file is ready for upload.

Go to the LSMW screen in SAP

Specify files Edit Goto Utilities System Help

LSM Workbench: Specify files (Display)

Subtree Line

Z91 - FI - VENDORS Vendor Master data

Files

- Legacy data On the PC (frontend)
- Legacy data On the R/3 server (application server)
- Read Data File for read data (application server)
- Converted Data File for converted data (application server)
- Values for wildcard Values for wildcard '*' in file names

Click 

Specify files Edit Goto Utilities System Help

LSM Workbench: Specify files (Change)

Subtree Line

Z91 - FI - VENDORS Vendor Master data

Files

- 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 Z91_FI_VENDORS.lsmw.read
- Converted Data File for converted data (application server)
 - Converted Data Z91_FI_VENDORS.lsmw.conv
- Values for wildcard Values for wildcard '*' in file names

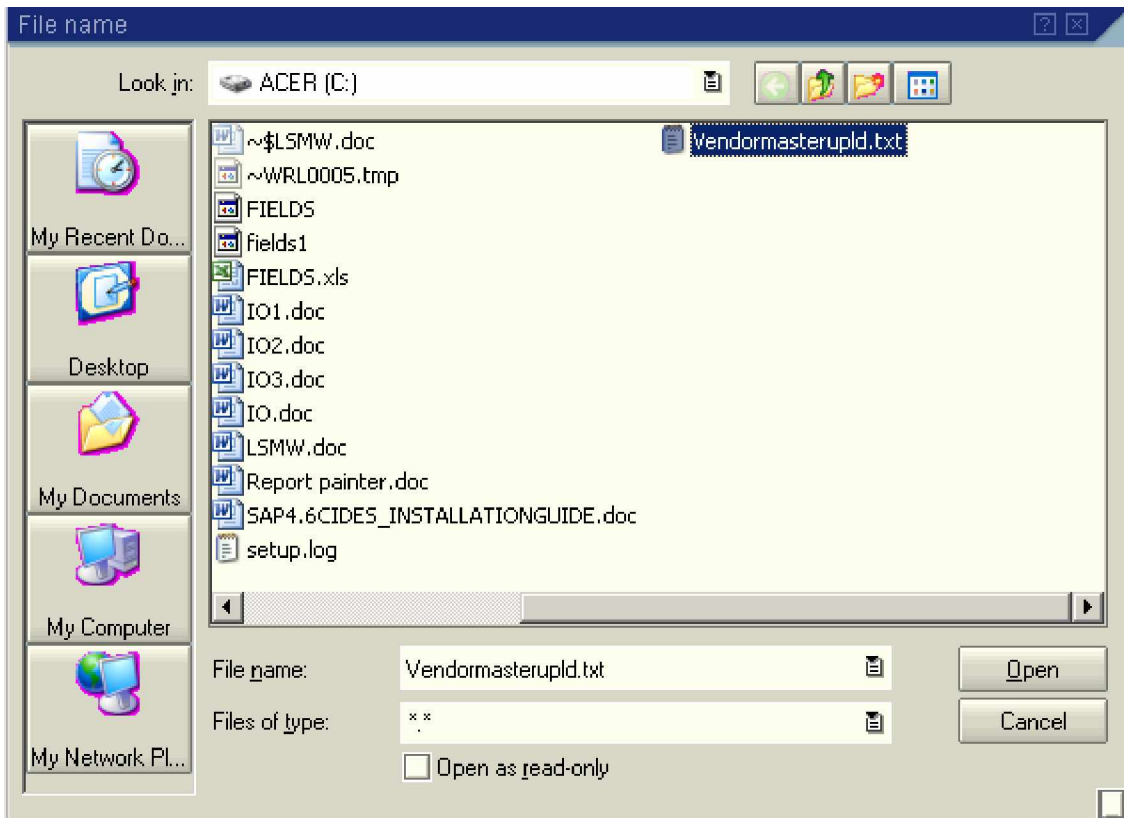
Double click Legacy data On the PC (frontend)


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

- File:** A text field with a yellow background and a file icon on the right.
- Description:** A text field with a checkmark icon on the left and a yellow background.
- File contents:** Radio buttons for "Data for one source structure (table)" (selected) and "Data for several source structures (seq. file)".
- Delimiter:** Radio buttons for "No delimiter" (selected), "Comma", "Tabulator", "Space", "Semicolon", and "Other".
- File structure:** Checkboxes for "Field names at the beginning of the file" and "Order of fields as in source structure definition" (checked).
- File type:** Radio buttons for "Record end indicator (text file)" (selected), "Fixed record length" (with a yellow text field), and "Hexadecimal length field (4 B.) at the beginning".
- Code page:** Radio buttons for "ASCII" (selected) and "IBM DOS".

At the bottom, there are "OK" (green checkmark) and "Cancel" (red X) buttons.

Take a drop down in the field file



Click 

File on frontend: Edit properties

File

Description

File contents

Data for one source structure (table)
 Data for several source structures (seq. file)

Delimiter

No delimiter
 Comma
 Tabulator
 Space
 Semicolon
 Other

File structure

Field names at the beginning of the file
 Order of fields as in source structure definition

File type

Record end indicator (text file)
 Fixed record length
 Hexadecimal length field (4 B.) at the beginning

Code page

ASCII
 IBM DOS

Update the following:-

File on frontend: Edit properties

File: C:\Wendormasterupld.txt
Description: Vendor master upload

File contents

- Data for one source structure (table)
- Data for several source structures (seq. file)

Delimiter

- No delimiter
- Tabulator
- Semicolon
- Comma
- Space
- Other

File structure

- Field names at the beginning of the file
- Order of fields as in source structure definition

File type

- Record end indicator (text file)
- Fixed record length
- Hexadecimal length field (4 B.) at the beginning

Code page

- ASCII
- IBM DOS

Click

Specify files Edit Goto Utilities System Help

LSM Workbench: Specify files (Change)

Z91 - FI - VENDORS Vendor Master data

Files

- Legacy data On the PC (frontend)
 - Vendor master upload C:\Vendormasterupld.txt
 - Data for one source structure (table)
 - Delimiter tabulator
 - Order of fields as in source structure definition
 - With end of record sequence (text file)
 - Code page ASCII
- Legacy data On the R/3 server (application server)
 - Read Data File for read data (application server)
 - Read Data Z91_FI_VENDORS.lsmw.read
 - Converted Data File for converted data (application server)
 - Converted Data Z91_FI_VENDORS.lsmw.conv
- Values for wildcard Values for wildcard '*' in file names

Click 

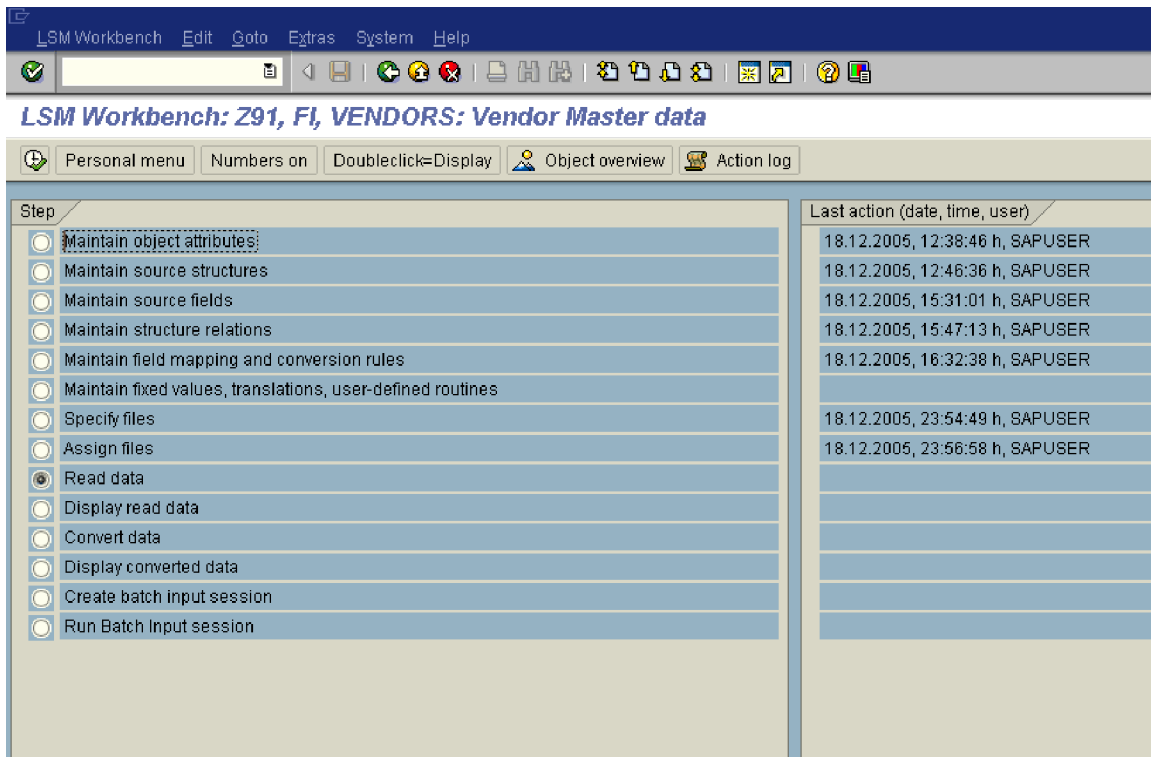
Click 

Click 

Click 

10. Read data

By executing this step the system actually reads the data from the upload file.



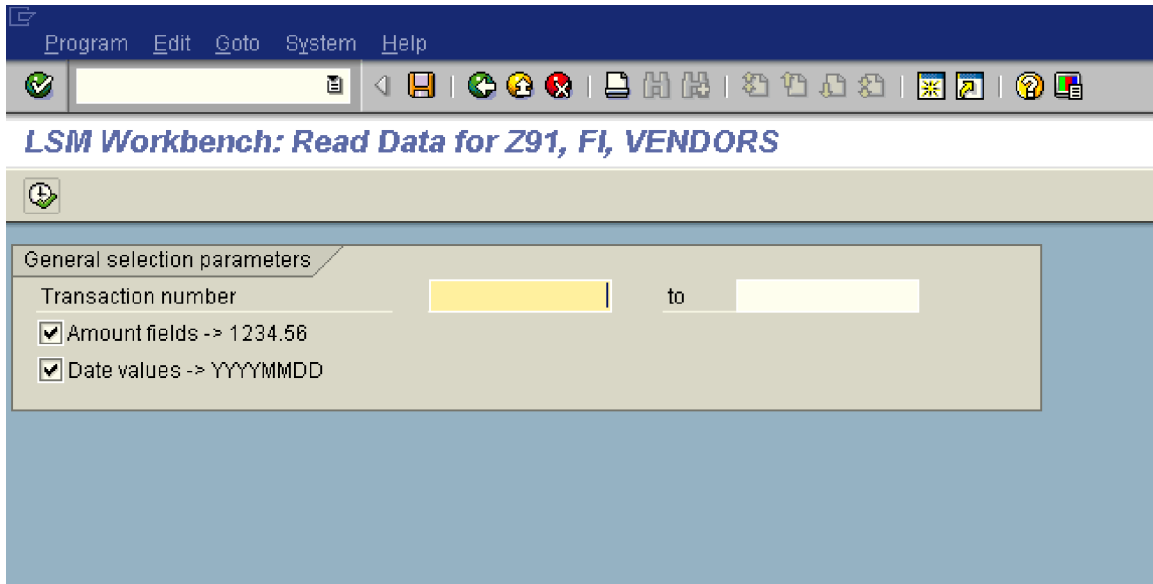
The screenshot shows the SAP LSM Workbench interface for 'Z91, FI, VENDORS: Vendor Master data'. The 'Step' list on the left includes:

- Maintain object attributes
- Maintain source structures
- Maintain source fields
- Maintain structure relations
- Maintain field mapping and conversion rules
- Maintain fixed values, translations, user-defined routines
- Specify files
- Assign files
- Read data
- Display read data
- Convert data
- Display converted data
- Create batch input session
- Run Batch Input session

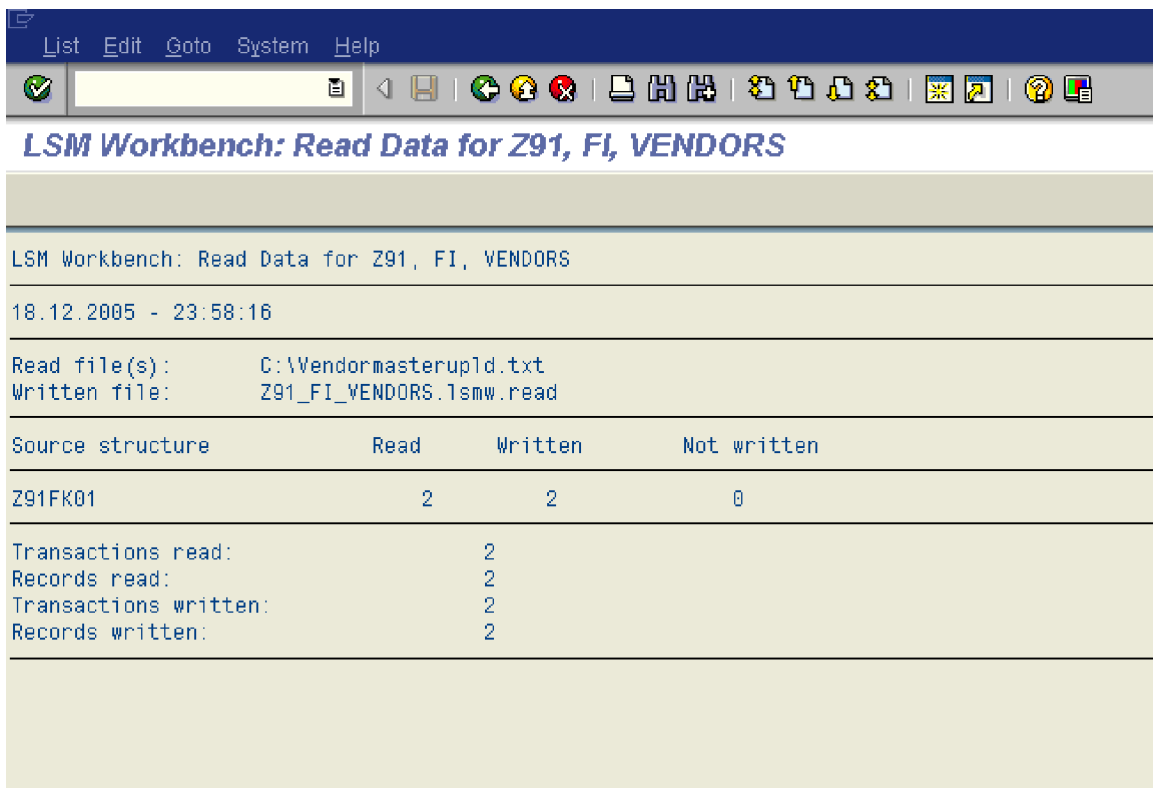
The 'Last action (date, time, user)' table on the right shows the following entries:

Last action (date, time, user)
18.12.2005, 12:38:46 h, SAPUSER
18.12.2005, 12:46:36 h, SAPUSER
18.12.2005, 15:31:01 h, SAPUSER
18.12.2005, 15:47:13 h, SAPUSER
18.12.2005, 16:32:38 h, SAPUSER
18.12.2005, 23:54:49 h, SAPUSER
18.12.2005, 23:56:58 h, SAPUSER

Click 



Click 

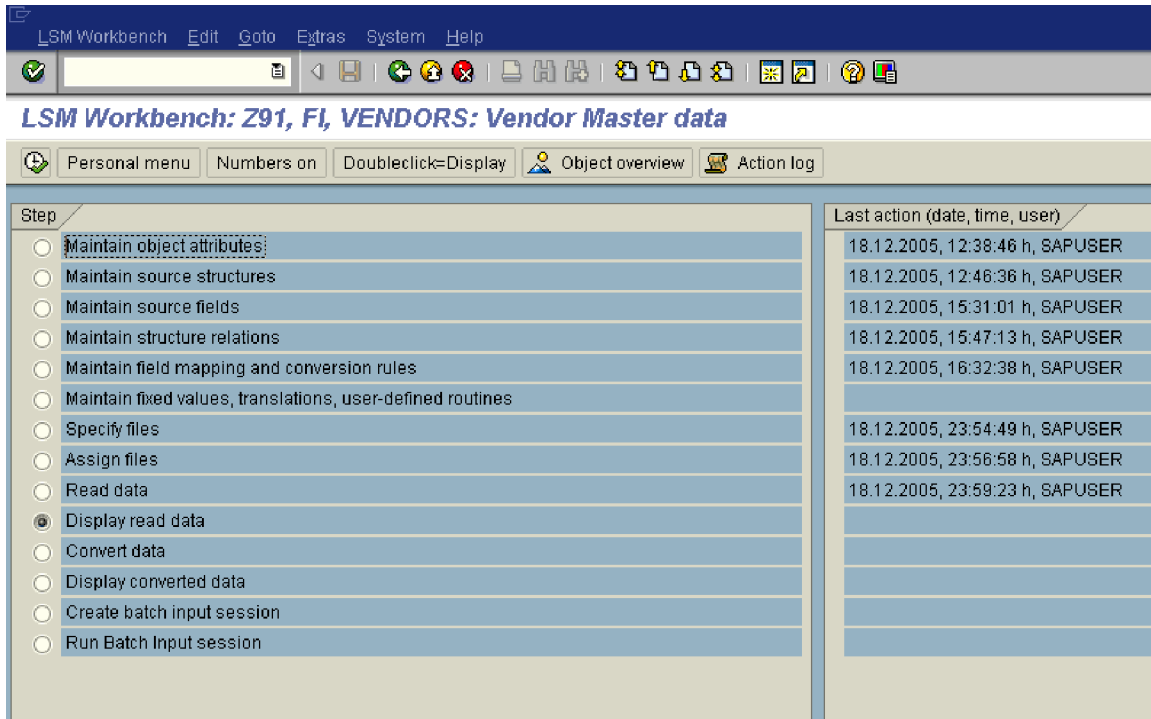


It shows the number of transactions read, written and not written.

Click  twice

11. Display Read data

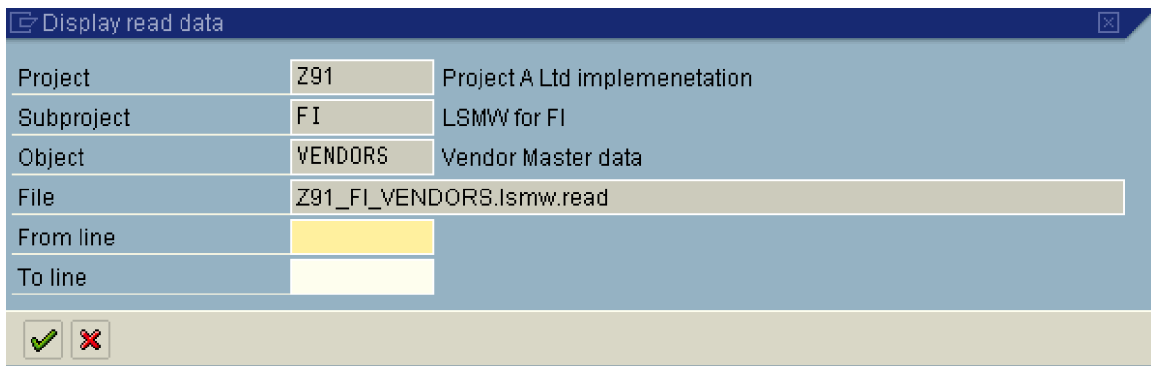
This step is very important. Here you come to know whether there are any errors. Whether the data passed on from the file is mapped to correct field. So you should see a few records to see whether it is correct.



The screenshot shows the LSM Workbench interface. The title bar reads "LSM Workbench: Z91, FI, VENDORS: Vendor Master data". Below the title bar is a menu bar with "LSM Workbench", "Edit", "Goto", "Extras", "System", and "Help". A toolbar contains various icons for navigation and actions. Below the toolbar is a navigation bar with buttons for "Personal menu", "Numbers on", "DoubleClick=Display", "Object overview", and "Action log". The main area is divided into two panes. The left pane, titled "Step", contains a list of steps with radio buttons. The "Display read data" step is selected. The right pane, titled "Last action (date, time, user)", shows a list of actions performed by SAPUSER on 18.12.2005.

Step	Last action (date, time, user)
<input type="radio"/> Maintain object attributes	18.12.2005, 12:38:46 h, SAPUSER
<input type="radio"/> Maintain source structures	18.12.2005, 12:46:36 h, SAPUSER
<input type="radio"/> Maintain source fields	18.12.2005, 15:31:01 h, SAPUSER
<input type="radio"/> Maintain structure relations	18.12.2005, 15:47:13 h, SAPUSER
<input type="radio"/> Maintain field mapping and conversion rules	18.12.2005, 16:32:38 h, SAPUSER
<input type="radio"/> Maintain fixed values, translations, user-defined routines	
<input type="radio"/> Specify files	18.12.2005, 23:54:49 h, SAPUSER
<input type="radio"/> Assign files	18.12.2005, 23:56:58 h, SAPUSER
<input type="radio"/> Read data	18.12.2005, 23:59:23 h, SAPUSER
<input checked="" type="radio"/> Display read data	
<input type="radio"/> Convert data	
<input type="radio"/> Display converted data	
<input type="radio"/> Create batch input session	
<input type="radio"/> Run Batch Input session	

Click 



The screenshot shows the "Display read data" dialog box. It contains the following information:

Project	Z91	Project A Ltd implementetation
Subproject	FI	LSMW for FI
Object	VENDORS	Vendor Master data
File	Z91_FI_VENDORS.lsmw.read	
From line		
To line		

At the bottom of the dialog box, there are two buttons: a green checkmark and a red X.

Click 


Read Data Edit Goto System Help

LSM Workbench: Display Read Data















Field contents Change display Display color legend

File Z91_FI_VENDORS.lsmw.read

Line	Struktur	Conts.		
	LSMWZ91 FI VENDORS C11	80020051218235816SAPUSER		
1	Z91FK01	Z910ExceExce1	17, Goldspring	Fort
2	Z91FK01	Z910AmgoAmgon	21, Lotus	Cuffe Parade

Double click  1

Read Data Edit Goto System Help

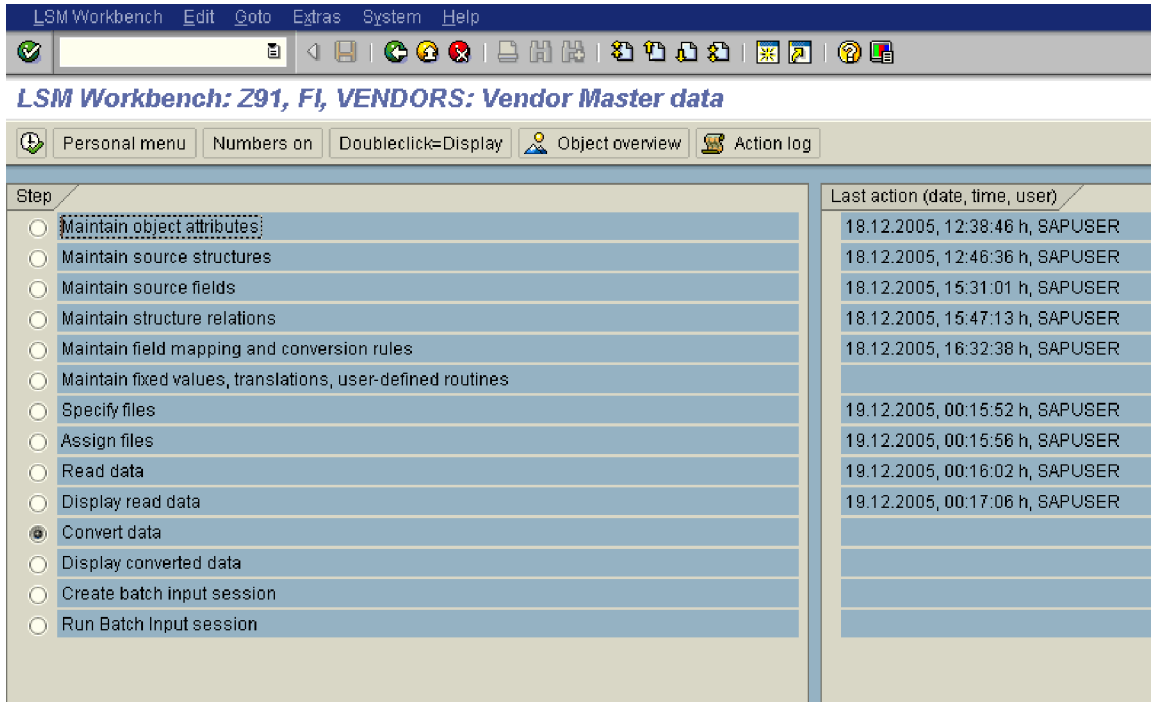
LSM Workbench: Display Read Data

File	Z91_FI_VENDORS.lsmw.read	
Structure	Z91FK01	
Field name	Field text	Field value
BUKRS	BUKRS	9100
KTOKK	KTOKK	Z910
NAME1	NAME1	Excel Ltd.
SORTL	SORTL	Excel
NAME2	NAME2	17, Goldspring
NAME3	NAME3	Fort
STRAS	STRAS	M.G. Road
ORT01	ORT01	Mumbai
PSTLZ	PSTLZ	400001
LAND1	LAND1	IN
AKONT	AKONT	213320
ZUAWA	ZUAWA	002
ALTKN	ALTKN	66770
ZTERM	ZTERM	0001
ZWELS	ZWELS	C

Click  twice

12. Convert data

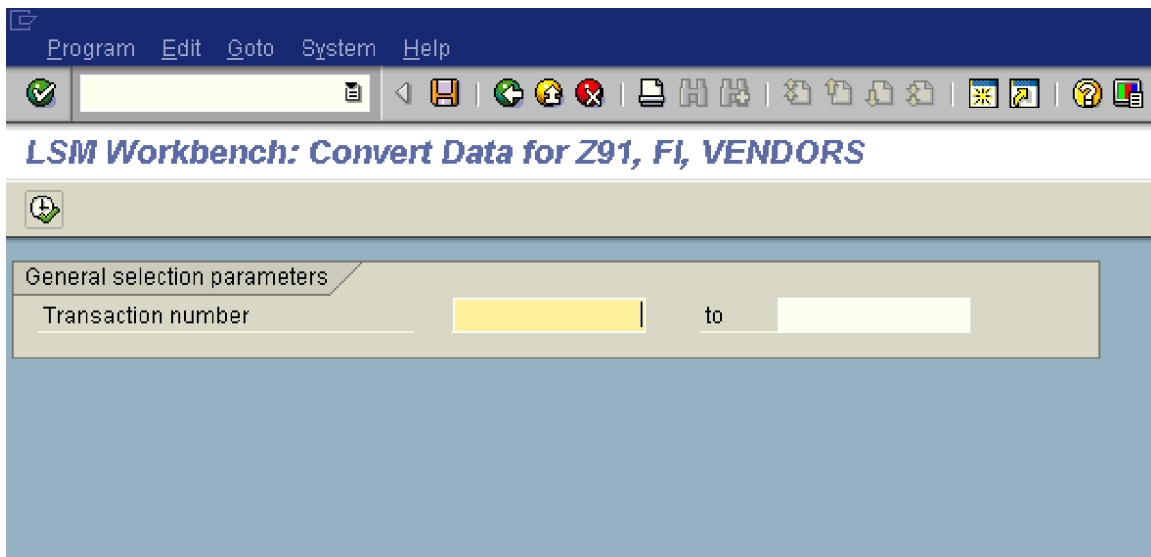
In this step the read data is converted.



The screenshot shows the LSM Workbench interface. The title bar reads "LSM Workbench Edit Goto Extras System Help". The main window title is "LSM Workbench: Z91, FI, VENDORS: Vendor Master data". Below the title bar are buttons for "Personal menu", "Numbers on", "DoubleClick=Display", "Object overview", and "Action log". The main area is divided into two columns. The left column, titled "Step", contains a list of steps with radio buttons. The "Convert data" step is selected. The right column, titled "Last action (date, time, user)", shows a log of actions performed by SAPUSER on 18.12.2005 and 19.12.2005.

Step	Last action (date, time, user)
<input type="radio"/> Maintain object attributes	18.12.2005, 12:38:46 h, SAPUSER
<input type="radio"/> Maintain source structures	18.12.2005, 12:46:36 h, SAPUSER
<input type="radio"/> Maintain source fields	18.12.2005, 15:31:01 h, SAPUSER
<input type="radio"/> Maintain structure relations	18.12.2005, 15:47:13 h, SAPUSER
<input type="radio"/> Maintain field mapping and conversion rules	18.12.2005, 16:32:38 h, SAPUSER
<input type="radio"/> Maintain fixed values, translations, user-defined routines	
<input type="radio"/> Specify files	19.12.2005, 00:15:52 h, SAPUSER
<input type="radio"/> Assign files	19.12.2005, 00:15:56 h, SAPUSER
<input type="radio"/> Read data	19.12.2005, 00:16:02 h, SAPUSER
<input type="radio"/> Display read data	19.12.2005, 00:17:06 h, SAPUSER
<input checked="" type="radio"/> Convert data	
<input type="radio"/> Display converted data	
<input type="radio"/> Create batch input session	
<input type="radio"/> Run Batch Input session	

Click 

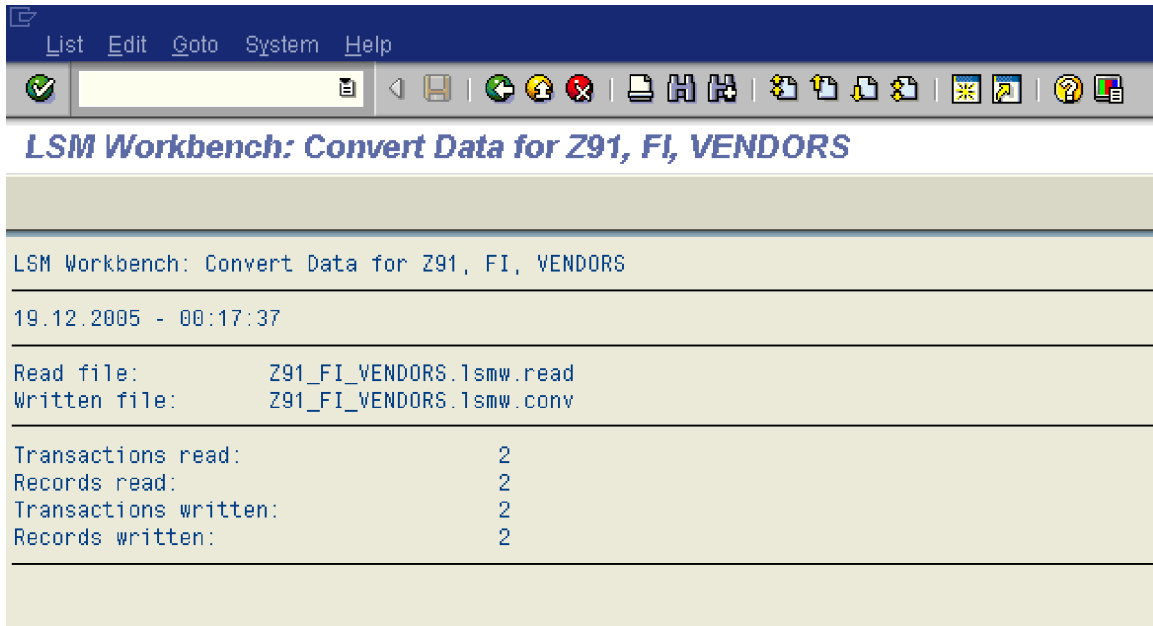


The screenshot shows the LSM Workbench interface for the "Convert Data for Z91, FI, VENDORS" step. The title bar reads "Program Edit Goto System Help". The main window title is "LSM Workbench: Convert Data for Z91, FI, VENDORS". Below the title bar are buttons for "Personal menu", "Numbers on", "DoubleClick=Display", "Object overview", and "Action log". The main area is divided into two columns. The left column, titled "Step", contains a list of steps with radio buttons. The "Convert data" step is selected. The right column, titled "Last action (date, time, user)", shows a log of actions performed by SAPUSER on 18.12.2005 and 19.12.2005.

General selection parameters

Transaction number to

Click 



Click  twice

13. Display converted data

In this step we display the converted data. Again you should see one or 2 records to see that they are converted correctly.

LSM Workbench Edit Goto Extras System Help

LSM Workbench: Z91, FI, VENDORS: Vendor Master data

Personal menu Numbers on Doubleclick=Display Object overview Action log

Step	Last action (date, time, user)
<input type="radio"/> Maintain object attributes:	18.12.2005, 12:38:46 h, SAPUSER
<input type="radio"/> Maintain source structures	18.12.2005, 12:46:36 h, SAPUSER
<input type="radio"/> Maintain source fields	18.12.2005, 15:31:01 h, SAPUSER
<input type="radio"/> Maintain structure relations	18.12.2005, 15:47:13 h, SAPUSER
<input type="radio"/> Maintain field mapping and conversion rules	18.12.2005, 16:32:38 h, SAPUSER
<input type="radio"/> Maintain fixed values, translations, user-defined routines	
<input type="radio"/> Specify files	19.12.2005, 00:15:52 h, SAPUSER
<input type="radio"/> Assign files	19.12.2005, 00:15:56 h, SAPUSER
<input type="radio"/> Read data	19.12.2005, 00:16:02 h, SAPUSER
<input type="radio"/> Display read data	19.12.2005, 00:17:06 h, SAPUSER
<input type="radio"/> Convert data	19.12.2005, 00:18:06 h, SAPUSER
<input checked="" type="radio"/> Display converted data	
<input type="radio"/> Create batch input session	
<input type="radio"/> Run Batch Input session	

Click 

Display converted data

Project	Z91	Project A Ltd implemenetation
Subproject	FI	LSMW for FI
Object	VENDORS	Vendor Master data
File	Z91_FI_VENDORS.lsmw.conv	
From line		
To line		

Read Data Edit Goto System Help

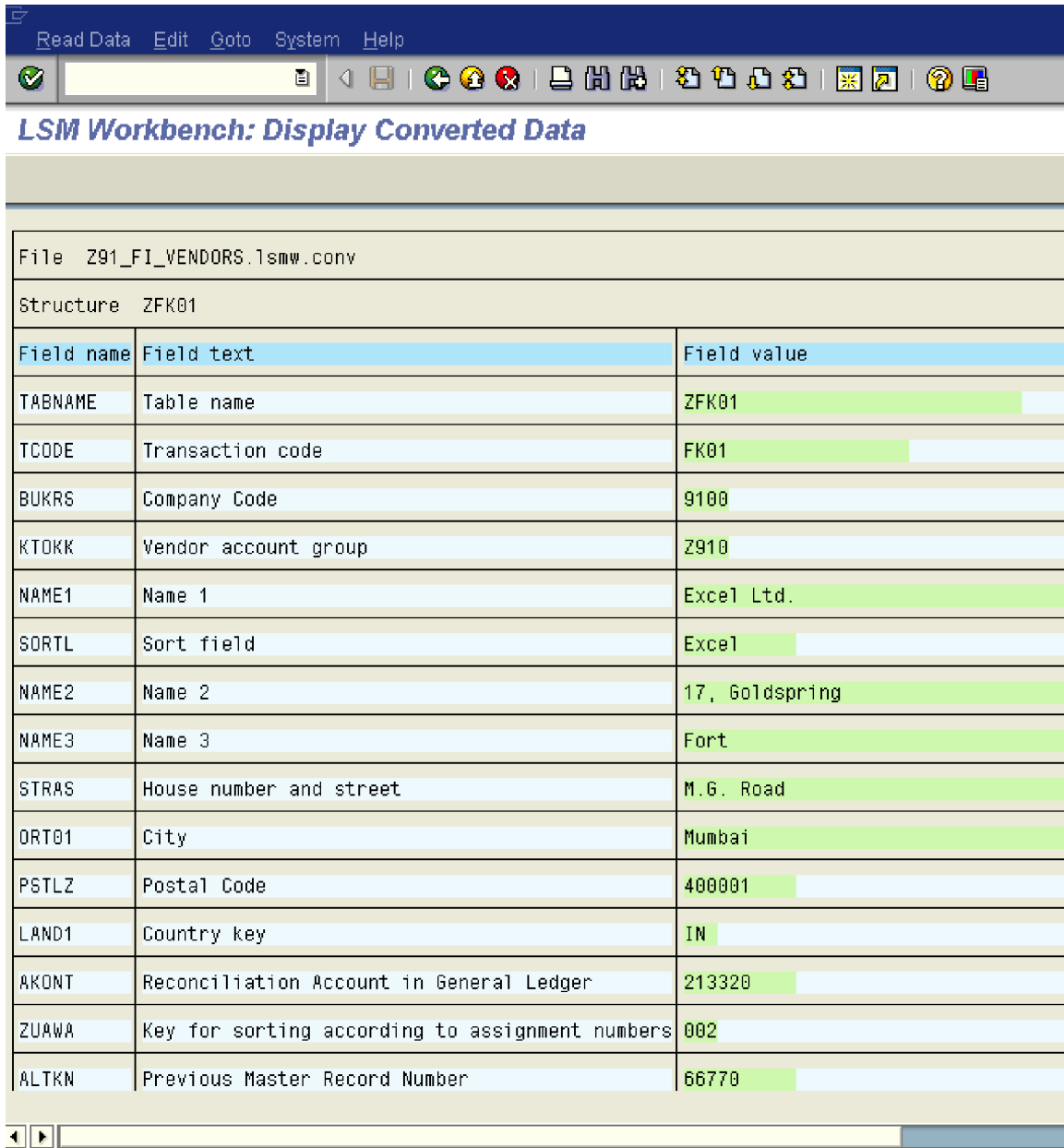
LSM Workbench: Display Converted Data

Field contents Change display Display color legend

File Z91_FI_VENDORS.lsmw.conv

Line	Struktur	Conts.	
1	ZFK01	ZFK01	FK01 9100Z910Exce1 Ltd.
2	ZFK01	ZFK01	FK01 9100Z910Angon Ltd

Double click on 



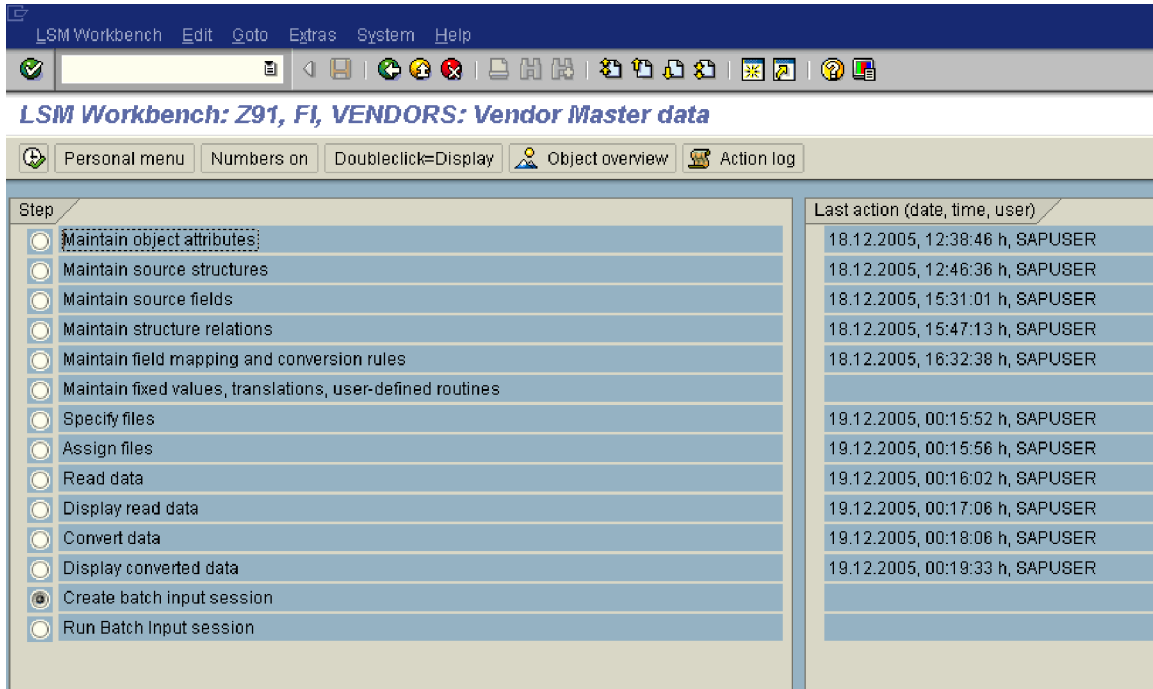
The screenshot shows the LSM Workbench interface with a menu bar (Read Data, Edit, Goto, System, Help) and a toolbar. The main window title is "LSM Workbench: Display Converted Data". Below the title bar, the file path "File Z91_FI_VENDORS.1smw.conv" and structure "Structure ZFK01" are displayed. A table with three columns: "Field name", "Field text", and "Field value" is shown. The table contains 17 rows of data, with some cells highlighted in green. At the bottom of the window, there are navigation arrows and a scrollbar.

Field name	Field text	Field value
TABNAME	Table name	ZFK01
TCODE	Transaction code	FK01
BUKRS	Company Code	9100
KTOKK	Vendor account group	Z910
NAME1	Name 1	Excel Ltd.
SORTL	Sort field	Excel
NAME2	Name 2	17, Goldspring
NAME3	Name 3	Fort
STRAS	House number and street	M.G. Road
ORT01	City	Mumbai
PSTLZ	Postal Code	400001
LAND1	Country key	IN
AKONT	Reconciliation Account in General Ledger	213320
ZUAWA	Key for sorting according to assignment numbers	002
ALTKN	Previous Master Record Number	66770

Click  twice

14. Create Batch input session

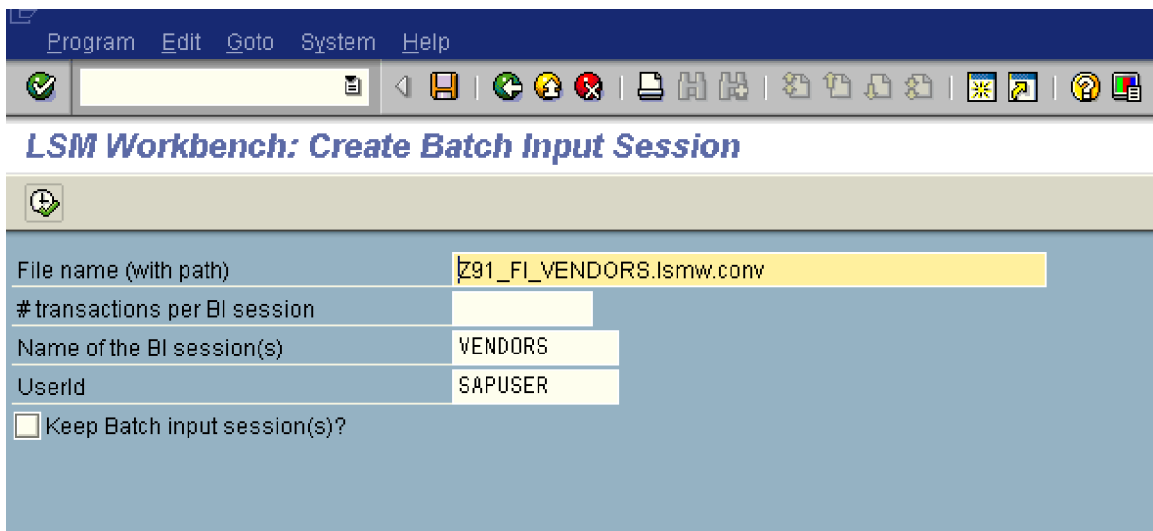
In this step we create the Batch input session for the upload data. The data is not updated when you create Batch input session.



The screenshot shows the LSM Workbench interface. The title bar reads "LSM Workbench: Z91, FI, VENDORS: Vendor Master data". The menu bar includes "LSM Workbench", "Edit", "Goto", "Extras", "System", and "Help". The toolbar contains various icons for navigation and actions. Below the toolbar, there are buttons for "Personal menu", "Numbers on", "Doubleclick=Display", "Object overview", and "Action log". The main area is divided into two panes. The left pane, titled "Step", contains a list of steps with radio buttons. The step "Create batch input session" is selected. The right pane, titled "Last action (date, time, user)", displays a table of recent actions.

Step	Last action (date, time, user)
<input type="radio"/> Maintain object attributes	18.12.2005, 12:38:46 h, SAPUSER
<input type="radio"/> Maintain source structures	18.12.2005, 12:46:36 h, SAPUSER
<input type="radio"/> Maintain source fields	18.12.2005, 15:31:01 h, SAPUSER
<input type="radio"/> Maintain structure relations	18.12.2005, 15:47:13 h, SAPUSER
<input type="radio"/> Maintain field mapping and conversion rules	18.12.2005, 16:32:38 h, SAPUSER
<input type="radio"/> Maintain fixed values, translations, user-defined routines	
<input type="radio"/> Specify files	19.12.2005, 00:15:52 h, SAPUSER
<input type="radio"/> Assign files	19.12.2005, 00:15:56 h, SAPUSER
<input type="radio"/> Read data	19.12.2005, 00:16:02 h, SAPUSER
<input type="radio"/> Display read data	19.12.2005, 00:17:06 h, SAPUSER
<input type="radio"/> Convert data	19.12.2005, 00:18:06 h, SAPUSER
<input type="radio"/> Display converted data	19.12.2005, 00:19:33 h, SAPUSER
<input checked="" type="radio"/> Create batch input session	
<input type="radio"/> Run Batch Input session	

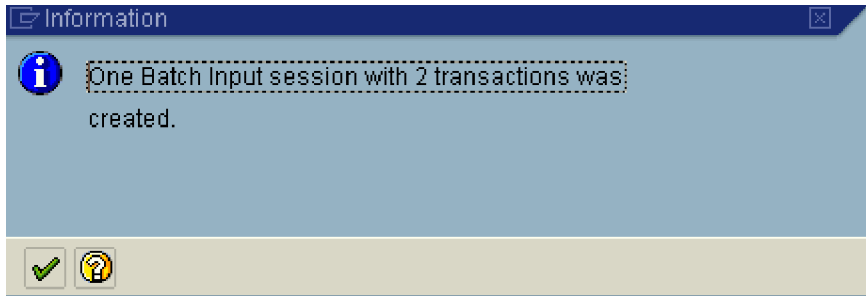
Click 



The screenshot shows the LSM Workbench interface with the "Create Batch Input Session" dialog box open. The title bar reads "LSM Workbench: Create Batch Input Session". The menu bar includes "Program", "Edit", "Goto", "System", and "Help". The toolbar contains various icons. The dialog box has a "Personal menu" button and a "Green checkmark icon". The main area contains a table with the following data:

File name (with path)	Z91_FI_VENDORS.lsmw.conv
# transactions per BI session	
Name of the BI session(s)	VENDORS
UserId	SAPUSER
<input type="checkbox"/> Keep Batch input session(s)?	

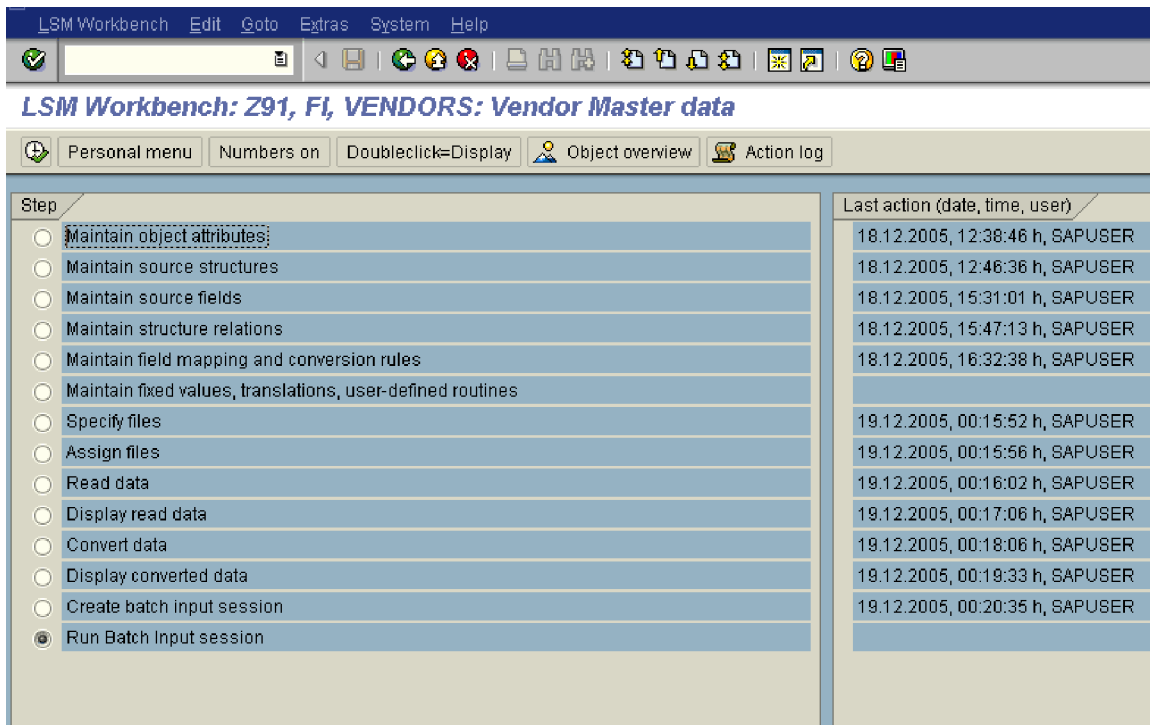
Click 



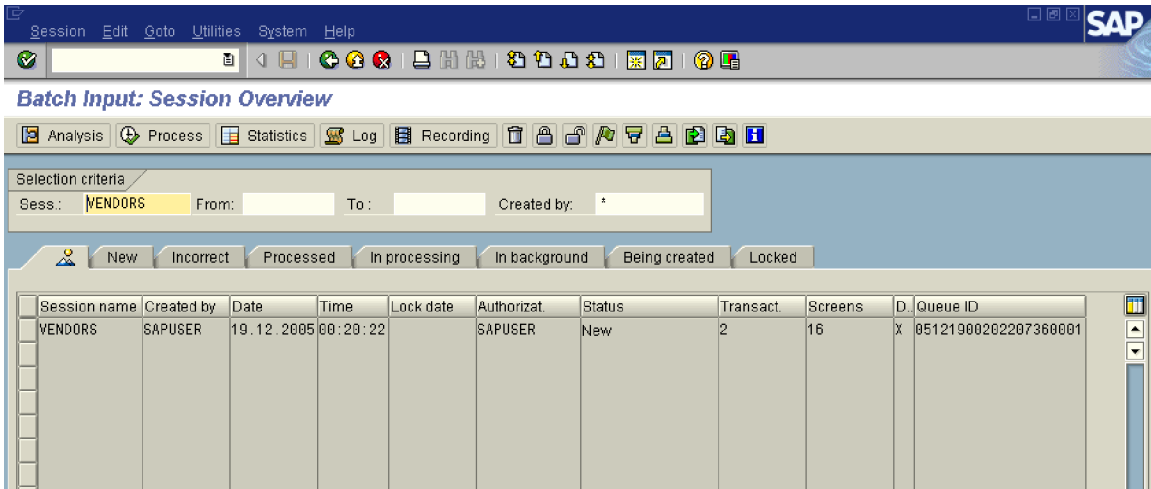
15. Run Batch input session

In this step, we execute the Batch input session. Data is actually updated here.

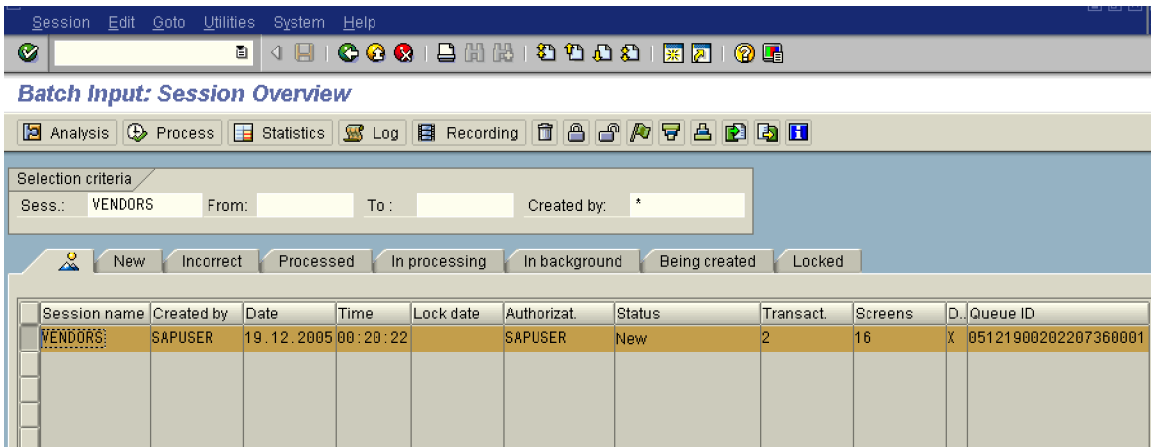
We should first execute the Batch input session for a few records in foreground. After testing that the data is getting uploaded correctly, then you can execute this session in the background.




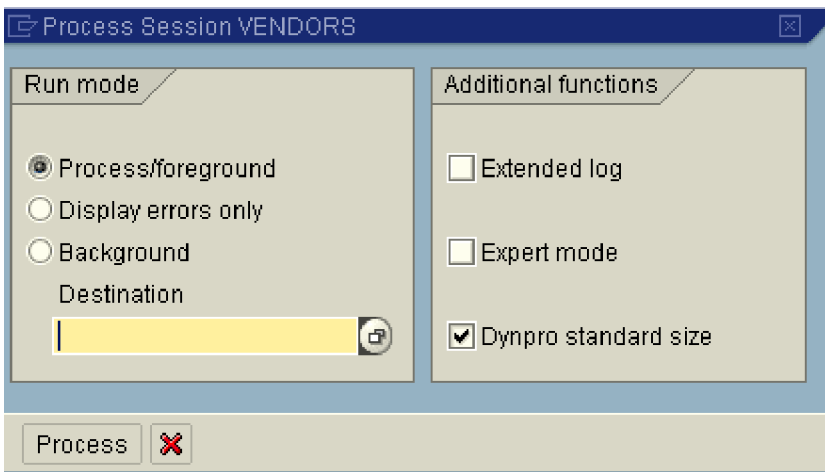
Click 



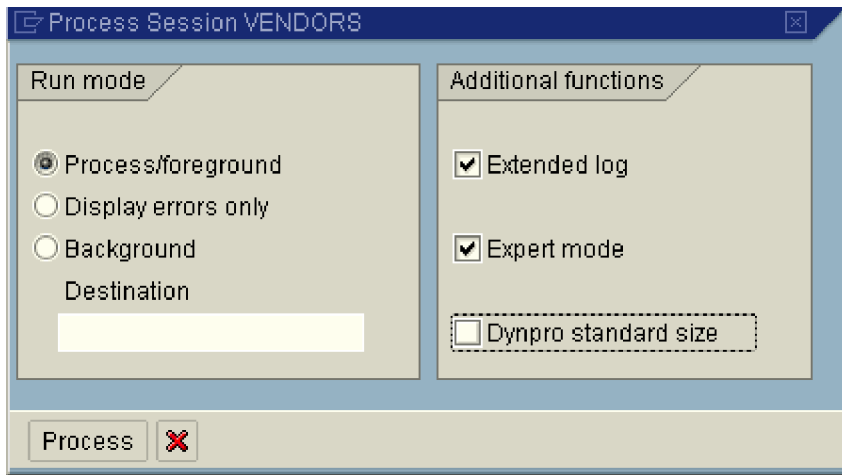
Select **VENDORS**




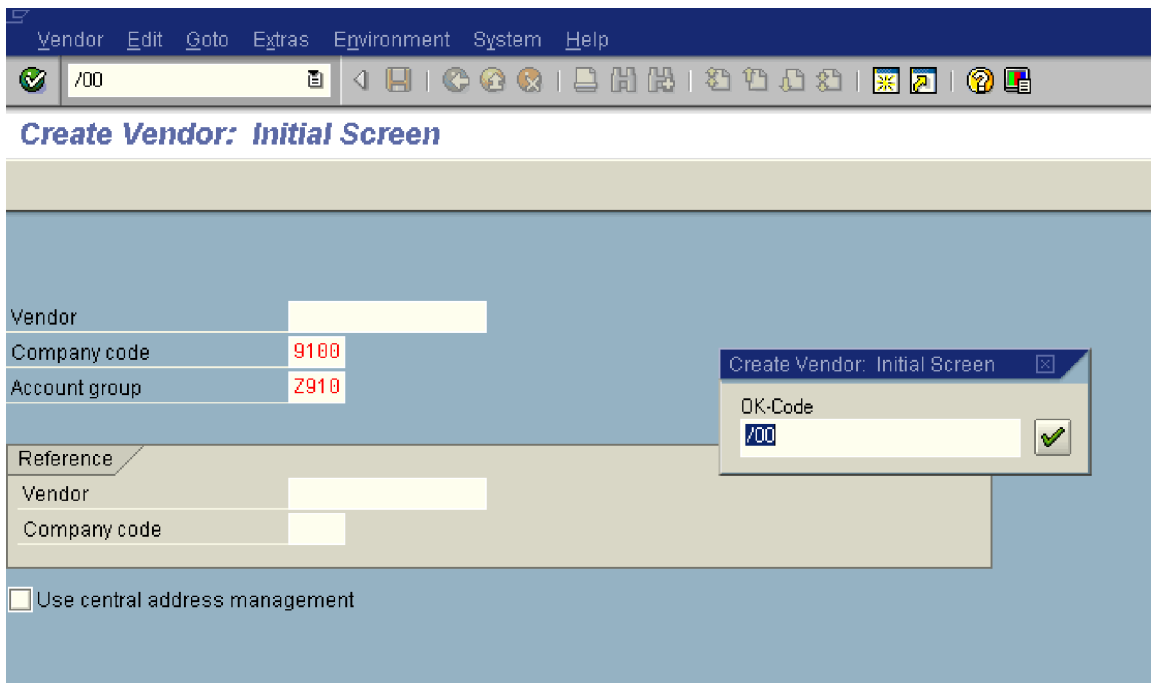
Click  Process



Run the first record in foreground.



Click 



Click 

Create Vendor: Address


Vendor: INTERNAL

Address

Title		Search term	
Name	Excel Ltd. 17, Goldspring Fort	OK-Code	/00
Street	M.G. Road	P.O. Box	
City	Mumbai	Postal code	400001
District		PO box PCode	
P.O.Box city		Region	
Country	IN		

Communications data

Language key		Telex number	
Telephone 1		Fax number	
Telephone 2		Teletex number	
Telebox		Data line	

Click 

Create Vendor: Control

Tax categories

Vendor INTERNAL Excel Ltd. Mumbai

Account control

Customer		Authorization	
Trading partner		Group key	

Tax information

Tax code 1		Tax number cat		<input type="checkbox"/> Equalizatr tax
Tax code 2		Tax category		<input type="checkbox"/> Natural person
Tax code 3				<input type="checkbox"/> Sales/pur.tax
Tax code 4				<input type="checkbox"/> Tax split
Fiscal address				
Jurisdic. code		VAT reg.no.		More
Tax office				
Tax number				

Reference data

Location no. 1		Location no. 2		Check digit	
Industry					
SCAC		Car.freight grp		ServAgntProcGrp	
POD-relevant					
Actual QM sys.		QM system to			

Person subject to withholding tax

Date of birth		Place of birth	
Sex		Profession	

Create Vendor: Control

OK-Code

/00

Click 

Vendor Edit Goto Extras Environment System Help

=ENTR

Create Vendor: Payment transactions

Vendor INTERNAL Excel Ltd. Mumbai

Bank details

Ctry	Bank key	Bank account	Acct holder	C..	Name of bank
				<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	

Bank data... Del. bk detail

Payment transactions

Alternative payee

DME indicator

Instruction key

Alternative payee in document

Individual spec.

Spec. per reference

Permitted payee

Create Vendor: Payment transacti...
OK-Code
=ENTR

Click 

Create Vendor: Accounting information Accounting

Vendor	INTERNAL	Excel Ltd.	Mumbai
Company code	9100	A Ltd	
Accounting information			
Recon. account	213320	Sort key	002
Head office		Subsidy indic.	
Authorization		Cash mgmnt group	
Minority indic.		Release group	
		Certificatn date	
Interest calculation			
Interest indic.		Last key date	
Int. cycle		Last interest run	
Withholding tax			
W.tax code		Exemption number	
Wth.tx cty		Valid until	
Recipient type		Exmpt.authority	
Reference data			
Prev.acct no.	66770	Personnel number	
Default data for tax reports			
Activity code		Distr. type	

Create Vendor: Accounting inform

OK-Code

/00

Click 

Vendor Edit Goto Extras Environment System Help

/00

Create Vendor: Payment transactions Accounting

Vendor INTERNAL Excel Ltd. Mumbai

Company code 9100 A Ltd

Payment data

Payment terms 0001 Tolerance group

Cr memo terms Chk double inv.

Chk cashing time

Automatic payment transactions

Payment methods C Payment block

Alternat.payee House bank

Individual pmnt Grouping key

B/exch.limit INR

Pmt adv. by EDI Alt.payee(doc.) Permitted payee

Invoice verification

Tolerance group

Create Vendor: Payment transacti

OK-Code

/00

Click 

Create Vendor: Correspondence Accounting

Vendor	INTERNAL	Excel Ltd.	Mumbai
Company code	9100	A Ltd	

Dunning data	
Dunn.procedure	<input type="checkbox"/>
Dunn.recipient	<input type="checkbox"/>
Last dunned	<input type="checkbox"/>
Dunning clerk	<input type="checkbox"/>
Dunning block	<input type="checkbox"/>
Legal dunn.proc.	<input type="checkbox"/>
Dunning level	<input type="checkbox"/>
Grouping key	<input type="checkbox"/>

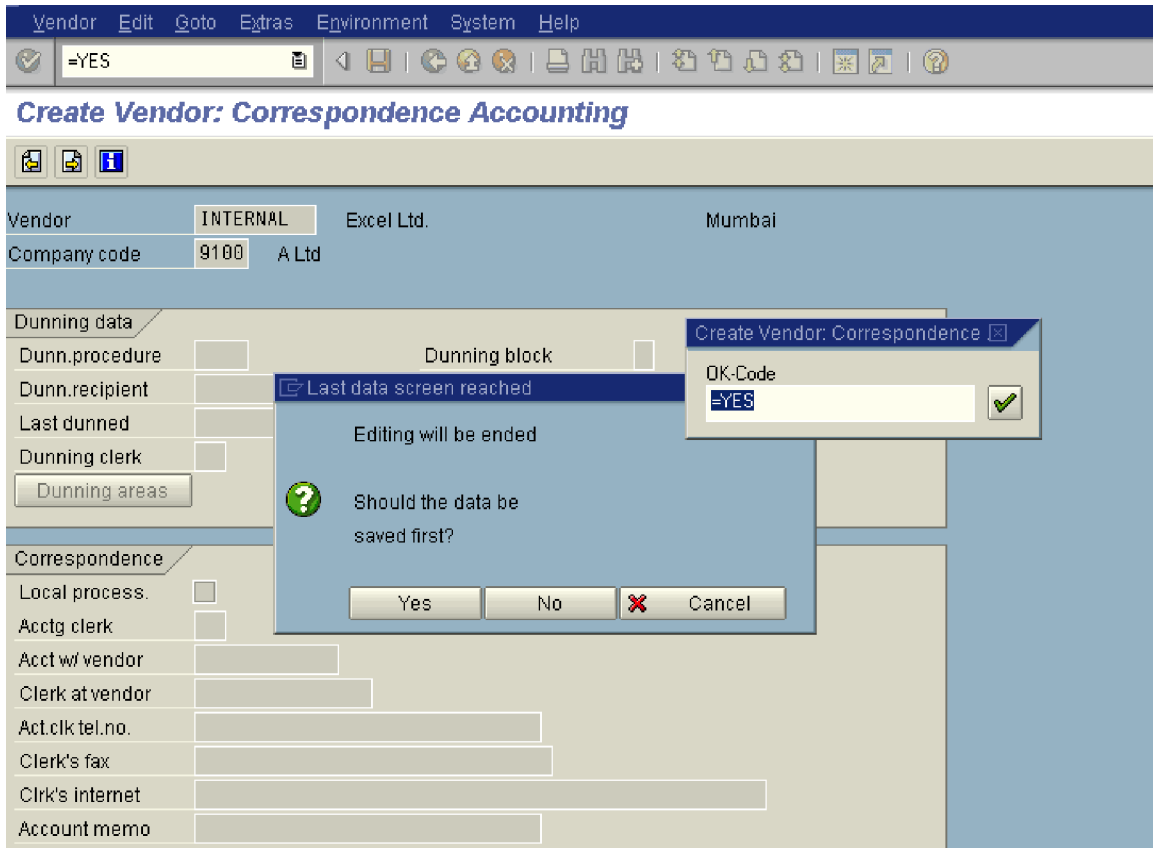
Correspondence	
Local process.	<input type="checkbox"/>
Acctg clerk	<input type="checkbox"/>
Acct w/ vendor	<input type="checkbox"/>
Clerk at vendor	<input type="checkbox"/>
Act.clk tel.no.	<input type="checkbox"/>
Clerk's fax	<input type="checkbox"/>
Clrk's internet	<input type="checkbox"/>
Account memo	<input type="checkbox"/>

Acct statement **2**

Create Vendor: Correspondence

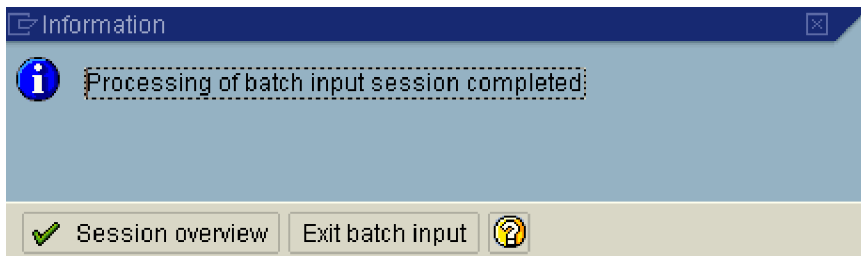
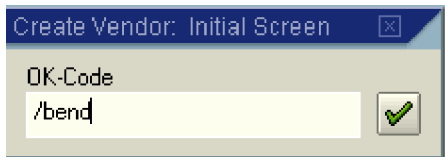
OK-Code

Click 

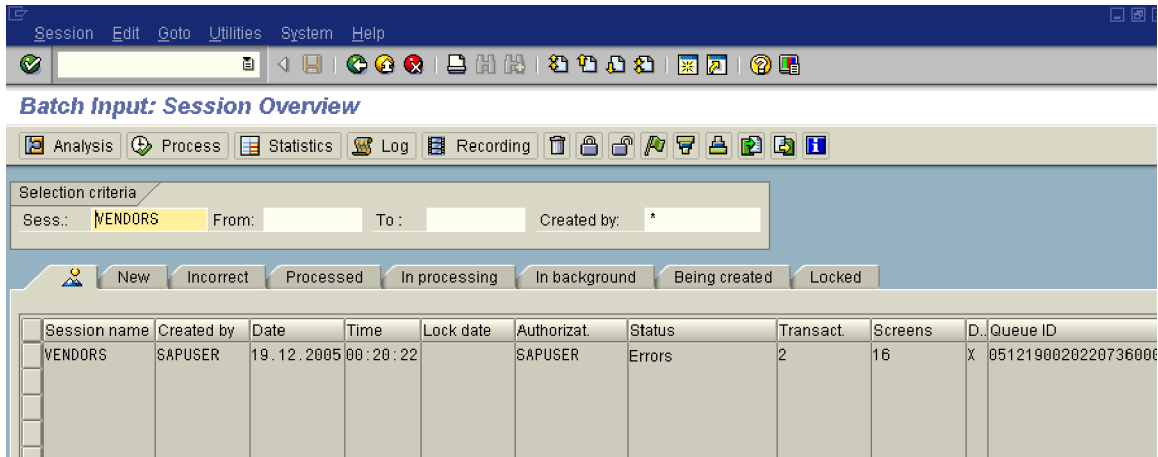


Click 

Update the following:-

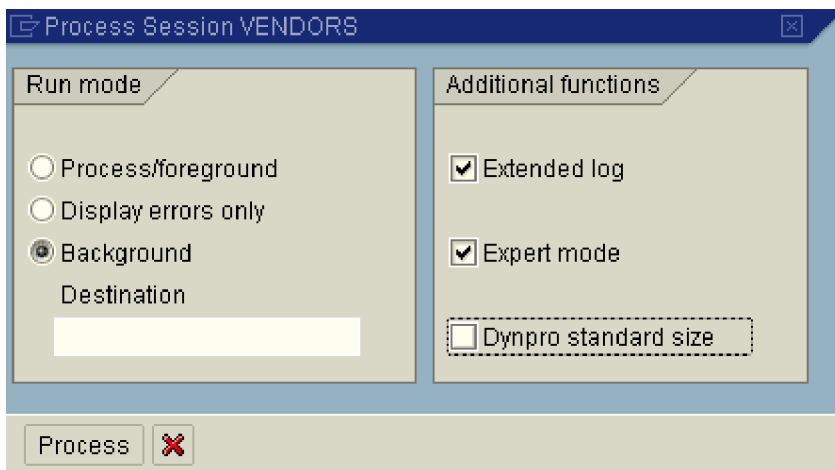


Click  Session overview



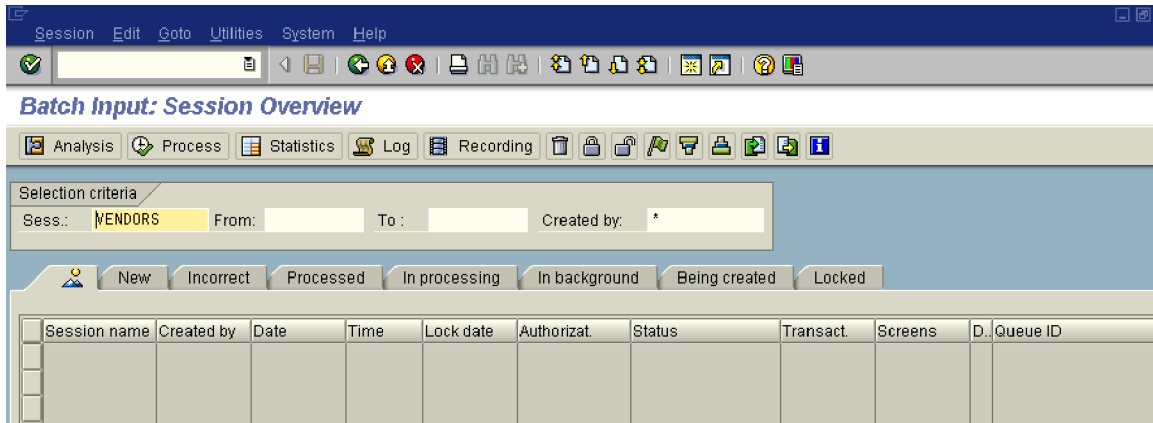
After verifying that the first record is uploaded correctly, you can now run the batch input session in background.

Now again select and process in background for the next record



Click 

Keep Pressing enter till the session goes away.



The Vendors are successfully updated.

That brings us to an end of creation and execution of LSMW.