

Technical Tip 03 - Extracting data from an Excel spreadsheet

To use data stored in MS-Excel files for analysis with BXBwebsuite:

1) The worksheet data has to be arranged in database format, i.e, organized in columns, like the example in Figure 1.

	Aicrosoft E	xcel - Sale	sOrders								
:2	<u>Eile E</u> dit	<u>V</u> iew <u>I</u> ns	ert F <u>o</u> rmat	<u>T</u> ools <u>D</u>	ata <u>W</u> indov	w <u>H</u> elp		Туре а	question for	help 🚽 🗕	8×
*	This copy of C	Office is not g	enuine, Click	here to learn	more online.						
En			A 199 69		🖹 - 🍼 🗌	0 - 0 -	🔕 Σ -	41 X1 M	1 🔊 💿	":三	≡ "
: 0.	The server of Office	ing Ling Abr	iu = ⊂aluan a				- cə	ZV AV DO			
: 28	n para o On		nr • baivar ·	-							
_	AI	▼		D		F	6				_
1	A OrdorNr	B OrderDeta	OrdarVaa	OrderMor	E	F City	G State	H Country	I SalacRan	J Droduct	Dra
2	1001	1/1/2004	2004	1	Super Bab	Rabia Blan		Argentina	Jose	TODOR	Tin
3	1002	1/3/2004	2004	1	Super Bah	Bahia Blar	RΔ	Argentina	Sergio	C0002	Cal
4	1002	1/3/2004	2004	1	Super Bah	Bahia Blar	BA	Argentina	Sergio	T0012	Tin
5	1002	1/5/2004	2004	1	Forniture	Boise	ID	USA	Jose	D0001	Dis
6	1003	1/5/2004	2004	- 1	Forniture	Boise	ID	USA	Jose	B0001	Be
7	1003	1/5/2004	2004	1	Forniture	Boise	ID	USA	Jose	B0002	Be
8	1004	1/7/2004	2004	1	Old Factor	Phoenix	AZ	USA	Rita	T0002	Tin
9	1004	1/7/2004	2004	1	Old Factor	Phoenix	AZ	USA	Rita	T0001	Tin
10	1005	1/8/2004	2004	1	Joe's Forn	Chicago	IL	USA	Jose	D0001	Div
11	1005	1/8/2004	2004	1	Joe's Forn	Chicago	IL	USA	Jose	T0002	Tin
12	1005	1/8/2004	2004	1	Joe's Forn	Chicago	IL	USA	Jose	T0003	Tin
13	1005	1/8/2004	2004	1	Joe's Forn	Chicago	IL	USA	Jose	T0004	Tin
14	1006	1/9/2004	2004	1	My Store	Bothell	WA	USA	Thais	D0002	Div
15	1006	1/9/2004	2004	1	My Store	Bothell	WA	USA	Thais	B0003	Be
16 1 4	1006 ► ► Sa	lesOrders /	2004	1	My Store	Pothall	<	IICA	Their	T0005	Tin Y
Read	ły	,									
					Figur	e 1					

2) Create an ODBC data source via "Administrative Tools" from the "Control Panel" window. Note that it must be a "System DSN" - not a "User DSN (see example in Figure 2).

Note: *if you are using a 64-bit Windows operating system, look at Hint 04 (ODBC data sources on Windows 64bits). The access to the correct utility is different than in 32-bit environment.*

terr Dete Courses	
stem Data Sources:	Driver Add
MySQL OutBackFoods	MySQL ODBC 5.1 Driver
NFF	Driver do Microsoft Excel(*xls)
GalesData	Driver do Microsoft Excel(*xls) Configure
Sky310_Srv	Progress OpenEdge 10.1C Drive
Sky310_Teste_Srv	Progress OpenEdge 10.1C Drive
Sky3-10-Local	Progress OpenEdge 10.1C Drive
Felef xls	Driver do Microsoft Excel(*xls)
(•

Figure 2

In the example above, a file named *SalesOrders.xls*, has been linked the ODBC Data Source Name *SalesData*.

The file *SalesOrder.xls* contains a spreadsheet called *SalesOrders*, which will be recognized as a table and its columns as fields. Then an "extractor program" can be written in SQL script format (like the example below) in BXBwebsuite cube configuration routine, following the instructions of the respective technical documentation or of the videos posted in the products websites.

SELECT OrderNr, Customer, ProductLine, Product, OrderYear, OrderDate, SalesPrice, Cost FROM [SalesOrders\$]

Or simply

SELECT * FROM [SalesOrders\$]

If you want to retrieve all columns.