GME's Website XML Files and Microsoft Office

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1. Introduction

This document describes the technical details to import the XML files posted on GME's website <u>www.mercatoelettrico.org</u> (in particular, the files of public-domain bids/offers) into Microsoft Access 2003 and Excel 2003.

2. Importing XML files into Microsoft Access 2003

Let us take the example of the file "20090701OfferteFreePubbliche.xml" (public-domain bids/offers).

After downloading the XML file, follow the steps described below to import it into Microsoft Access 2003:

- open the Microsoft Access 2003 application;
- on the File menu, click Create New Database using Blank Database;
- enter the name of the new Microsoft Access 2003 database (e.g. "OffertePubbliche20090701" public-domain bids/offers) to be created;
- on the File drop-down menu, click Get external data-Import
- select the XML file and import it;
- in the following menu

Importa XML	
 ☐ Tabelle ④ OfferteOperatori 	OK Annulla 2 Opzioni >>

click OK.

You will get the following table:

🔄 OffertePubbliche 20090701 : Database (formato file di Access 2000) 🖃 🗖 🔀								
🕋 Apri 🖳 Struttura 🛅 Nuovo 🗙 🌯 🐩 🧱 🏢								
Oggetti 🛛	21 Crea una tabella in visualizzazione Struttura							
🔲 Tabelle	🛂 Crea una tabella mediante una creazione guidata							
guery	🔄 Crea una tabella mediante l'immissione di dati							
🔳 Maschere	OfferteOperatori							
🗐 Report								
Pagine								
🔁 Macro								
💸 Moduli								
Gruppi								
😹 Preferiti								
	r.							

By selecting the newly created table "OfferteOperatori" (operators' bids/offers), you will get:

Microsoft	Access - [Offer	rteOperatori : Ta	abella]								_ [2] X
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	REG	_0011110 _00	MGP	UC DE0012 CI 120G45C6E1	1	20090701 9181052130721	0.614	0.614	0 254 N		PSR (
BID	REG	400	MGP	UC_DP0012_0112004506E2	2	20090701 9181052130726	0,514	0,514	0 255 N	0 0	PSP (
BID	REG	2004	MGP	UC_DE0012_0112014506E3	3	20090701 9181052130870	0,505	0,505	0 259 N	0 0	PSP (
BID	PEG	ACC	MGP	UC_DR0012_0112014506E4	4	20030701 0101032130030	0,513	0,513	0 258 N	0 0	DSD (
BID	PEG	ACC	MGP	UC_DR0012_011206/3008E4	5	20000701 0101002100000	0,505	0,505	0 258 N	0 0	
BID	DEC	ACC	MGP	UC_DE0012_01120104505E5	3	20090701 9191052130050	0,333	0,303	0 250 N	0 0	DSD (
PID	PEG	ACC	MCP	UC_DE0012_CI_120EA000E0	7	20090701 9191052131054	0,401	0,401	0 200 N	0 0	DOD (
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DID	REG	ACC	MOP		0	20090701 9101052131152	0,000	0,000	0 250 N	0 0	POR_C
DID	REG	ACC	MOP		9	20090701 9101052131202	0,012	0,012	0 200 N	0 0	POR_C
BID	DEC	ACC	MOP	UC_DR0012_CI 12GPASCBER	10	20090701 0101052131252	0,034	0,034	0 250 N	0 0	nen (
BID	DEC	ACC	MCD	UC_DP0012_CI 1200ASCRED	10	20090701 0101052131300	0,722	0,722	0 250 N	0 0	Den (
BID	REG	ACC	MOP	UC_DP0012_CI12QRASCBEC	12	20090701 9101052131348	0,032	0,032	0 250 N	0 0	POR_C
DID	REG	ACC	MOP	UC_DP0012_CI12QSASC6ED	13	20090701 9101052131397	0,720	0,720	0 254 N	0 0	POR_C
DID	REG	ACC	MOP		14	20090701 9101052131446	0,71	0,71	0 200 N	0 0	POR_C
DID	REG	ALC	MGP		15	20090701 9101052131490	0,079	0,079	0 257 N	0 0	PSR_U
	REG	ALL	MGP		10	20090701 9181052131544	0,701	0,701	0 256 N	0 0	PSR_U
BID	REG	ALL	MGP	UC_DP0012_C112QWA5C6F1	17	20090701 9181052131590	0,/01	0,701	0 256 N	0 0	PSR_U
BID	REG	ALL	MGP		18	20090701 9181052131642	0,581	0,581	0 253 N	0 0	PSR_C
BID	REG	AUC	MGP	UC_DPUU12_CI12QTA5C6F3	19	20090701 9181052131692	0,523	0,523	U 253 N	U U	PSR_U
BID	REG	AUC	MGP	UC_DP0012_CI1202A5C6F4	20	20090701 9181052131741	0,528	0,528	U 252 N	U U	PSR_U
BID	REG	ACC	MGP	UC_DPUU12_CI 12RUA5C6F5	21	20090701 9181052131789	U,4/9	0,479	U 258 N	U U	PSR_C
BID	REG	ACC	MGP	UC_DP0012_CI 12R1A5C6F6	22	20090701 9181052131836	0,603	0,603	0 257 N	0 0	PSR_C
BID	REG	ACC	MGP	UC_DP0012_CI 12R2A5C6F7	23	20090701 9181052131881	0,706	0,706	0 258 N	0 0	PSR_C
BID	REG	ACC	MGP	UC_DP0012_CI 12R3A5C6F8	24	20090701 9181052131932	0,666	0,666	0 254 N	0 0	PSR_C
BID	REG	ACC	MGP	UC_DP0012_C: 12QGA5C6F9	1	20090701 9181052130721	0,108	0,108	0 255 N	0 0	PSR_C
BID	REG	ACC	MGP	UC_DP0012_C: 12QHA5C6FA	2	20090701 9181052130776	0,11	0,11	0 256 N	0 0	PSR_C
BID	REG	ACC	MGP	UC_DP0012_C: 12QIA5C6FB	3	20090701 9181052130830	0,113	0,113	0 260 N	0 0	PSR_C
BID	REG	ACC	MGP	UC_DP0012_C: 12QJA5C6FC	4	20090701 9181052130900	0,126	0,126	0 259 N	0 0	PSR_(
BID	REG	ACC	MGP	UC_DP0012_C: 12QKA5C6FD	5	20090701 9181052130990	0,131	0,131	0 259 N	0 0	PSR_C
BID	REG	ACC	MGP	UC_DP0012_C: 12QLA5C6FE	6	20090701 9181052131054	0,14	0,14	0 261 N	0 0	PSR_C
BID	REG	ACC	MGP	UC_DP0012_C: 12QMA5C6FF	7	20090701 9181052131107	0,122	0,122	0 264 N	0 0	PSR_C
BID	REG	ACC	MGP	UC_DP0012_C: 12QNA5C700	8	20090701 9181052131153	0,183	0,183	0 259 N	0 0	PSR_(
BID	REG	ACC	MGP	UC_DP0012_C: 12QOA5C701	9	20090701 9181052131203	0,291	0,291	0 257 N	0 0	PSR_(
BID	REG	ACC	MGP	UC_DP0012_C: 12QPA5C702	10	20090701 9181052131252	0,285	0,285	0 259 N	0 0	PSR_(
BID	REG	ACC	MGP	UC_DP0012_C: 12QQA5C703	11	20090701 9181052131300	0,339	0,339	0 259 N	0 0	PSR_(
BID	REG	ACC	MGP	UC_DP0012_C: 12QRA5C704	12	20090701 9181052131349	0,368	0,368	0 259 N	0 0	PSR_C
BID	REG	ACC	MGP	UC_DP0012_C: 12QSA5C705	13	20090701 9181052131397	0,326	0,326	0 255 N	0 0	PSR_(
BID	REG	ACC	MGP	UC_DP0012_C: 12QTA5C706	14	20090701 9181052131446	0,257	0,257	0 257 N	0 0	PSR_(
BID	REG	ACC	MGP	UC_DP0012_C: 12QUA5C707	15	20090701 9181052131495	0,266	0,266	0 258 N	0 0	PSR_C
BID	REG	ACC	MGP	UC_DP0012_C: 12QVA5C708	16	20090701 9181052131544	0,255	0,255	0 257 N	0 0	PSR_C
BID	REG	ACC	MGP	UC_DP0012_C: 12QWA5C709	17	20090701 9181052131595	0,228	0,228	0 257 N	0 0	PSR_(
BID	REG	ACC	MGP	UC_DP0012_C: 120XA5C70A	18	20090701 9181052131642	0,206	0,206	0 254 N	0 0	PSR_(
BID	REG	ACC	MGP	UC_DP0012_C: 12QYA5C70B	19	20090701 9181052131692	0,168	0,168	0 254 N	0 0	PSR_(
BID	REG	ACC	MGP	UC DP0012 C: 120ZA5C70C	20	20090701 9181052131742	0,167	0,167	0 253 N	0 0	PSR (
BID	REG	ACC	MGP	UC DP0012 C: 12R0A5C70D	21	20090701 9181052131789	0,146	0,146	0 259 N	0 0	PSR (
BID	REG	ACC	MGP	UC DP0012 C: 12R1A5C70E	22	20090701 9181052131835	0,143	0,143	0 258 N	0 0	PSR (
BID	REG	ACC	MGP	UC DP0012 C: 12R2A5C70F	23	20090701 9181052131881	0,15	0,15	0 259 N	0 0	PSR (
BID	REG	ACC	MGP	UC DP0012 C: 12R3A5C710	24	20090701 9181052131932	0,141	0,141	0 255 N	0 0	PSR (
BID	REG	ACC	MGP	UC DP0012 N	1	20090701 9180052116955	10	10	0 38 N	0 0	PSR N
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Record:			20	N	10						>

3. Importing XML files into Microsoft Excel 2003

The XML file of public-domain bids/offers is very bulky. To import it into Excel, it is more convenient to export the Access file. Let us take the example of the file "20090701OfferteFreePubbliche.xml" (public-domain bids/offers) and the related MDB (Access) file, created in the previous example: "OffertePubbliche20090701.mdb".

To save the data in Excel format, follow the steps described below:

- open the Microsoft Access 2003 application;
- on the **File** drop-down menu, click **Open**;
- select the previously created mdb file and open it;
- select the "OfferteOperatori" (operators' bids/offers) table;
- on the **File** menu, select **Export**...;
- enter the name of the new Microsoft Excel file, by selecting the *.xls format (e.g.: "OfferteOperatori20090701.xls");
- select **Export**.

The data will be exported into an Excel sheet.

N.B. If the number of rows ("bids/offers" on a given day) of the Access DB exceeds 65536, the excess lines will be lost owing to a limit of Microsoft Office Excel 2003, as shown in the DB table "OfferteOperatori_ErroriEsportazione" (operators' bids/offers_export errors). The problem will not arise in Microsoft Office Excel 2007.