MGF Converter User Guide

April 2019

57357
مؤسسة مستشفى سرطان الأطفال-مصر
Children's Cancer Hospital Foundation - Egypt

Introduction

This document describes how to use the graphical user interface converter relies on AB SCIEX MS Data Converter to convert mass spectral data (*.WIFF) from any AB SCIEX instrument into MGF files.

Implementation

MGFconverter version 1.0.0 is now available as a desktop application built on windows platform.

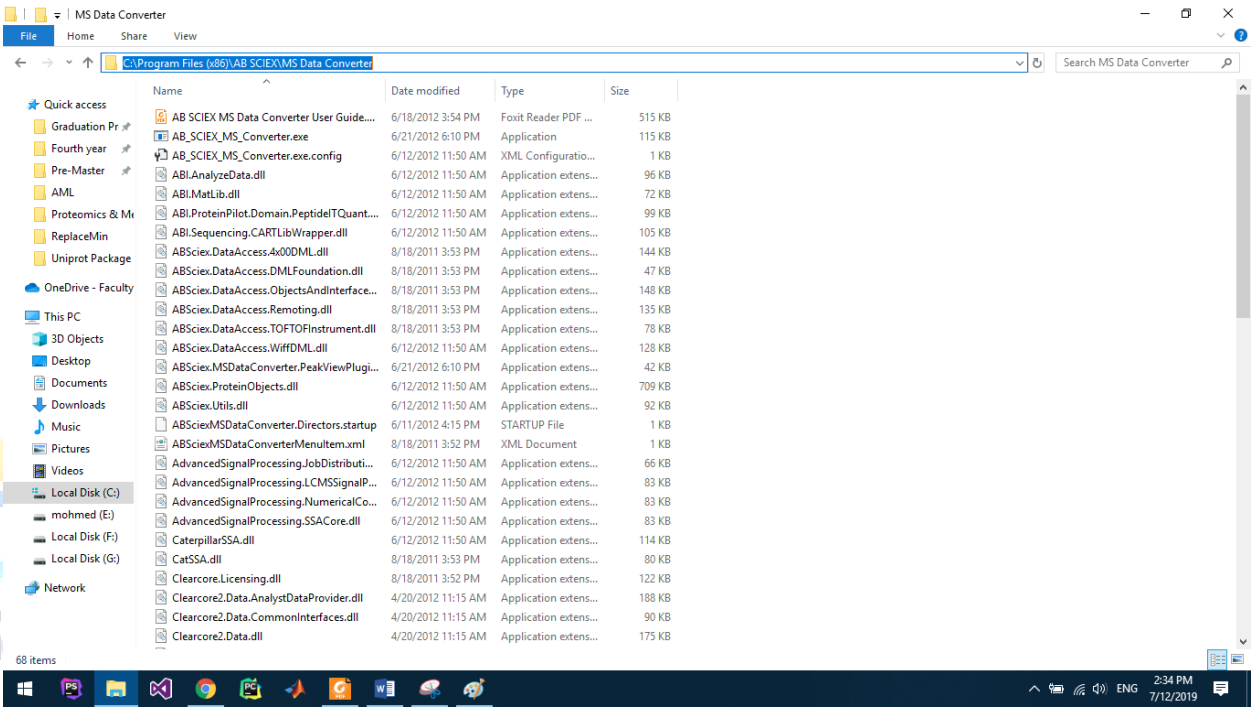
Software Requirements

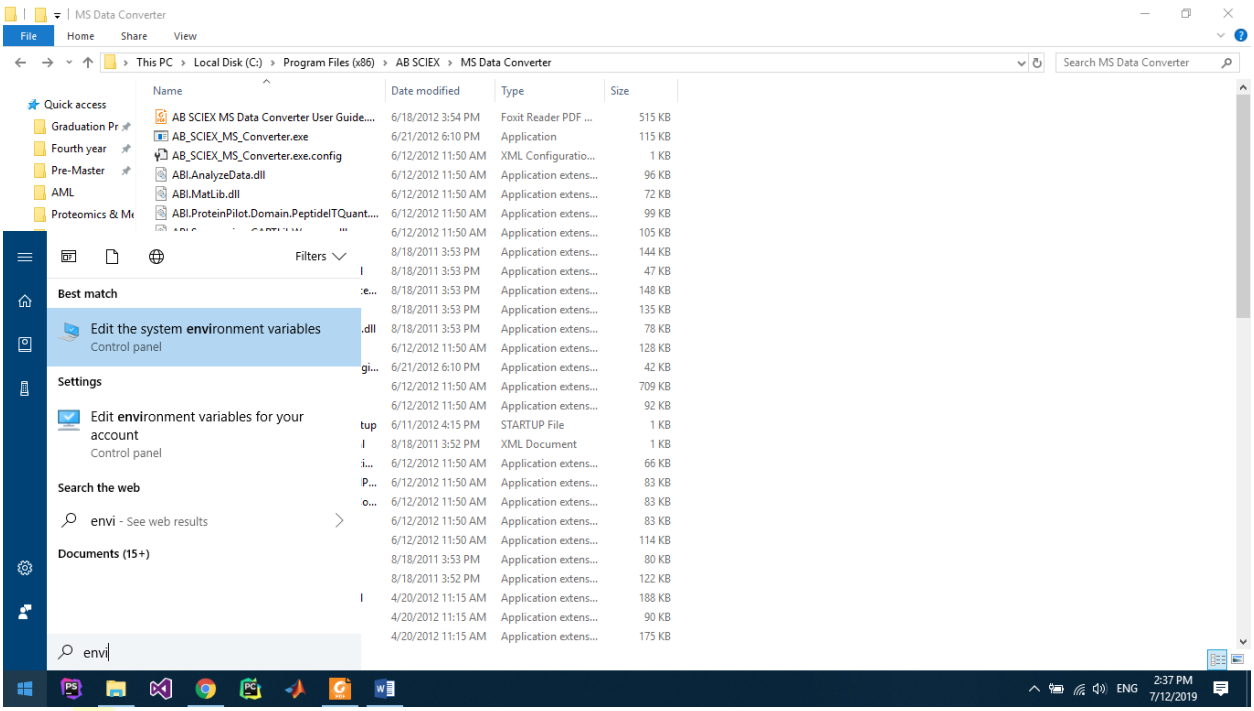
- OPERATING SYSTEM

  This software is compatible with Microsoft Windows XP with SP3, Windows XP Professional with SP2 64-bit system, Windows 7 SP1 64-bit system and Microsoft windows server 2008 standard.
- AB SCIEX MS Data Converter available at (https://sciex.com/sw-downloads-form?d=ab_sciex_ms_data_converter_V1.3%20beta.zip&asset=software&softwareProduct=MS%20Data%20Converter%20(Beta%20Version%201.3))
- Peakview software available at (https://sciex.com/software-support/software-downloads)

Installation

- Add AB SCIEX MS Data Converter path to environment variables




MS Data Converter
File Home Share View
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AB_SCIEX_MS_Converter.exe 6/21/2012 6:10 PM Application 115 KB
AB_SCIEX_MS_Converter.exe.config 6/12/2012 11:50 AM XML Configuratio... 1 KB
ABI.AnalyzeData.dll 6/12/2012 11:50 AM Application extens... 96 KB
ABI.MatLib.dll 6/12/2012 11:50 AM Application extens... 72 KB
ABI.ProteinPilot.Domain.PeptideITQuant.... 6/12/2012 11:50 AM Application extens... 99 KB
Filters
Best match
Edit the system environment variables
Control panel
Settings
Edit environment variables for your account
Control panel
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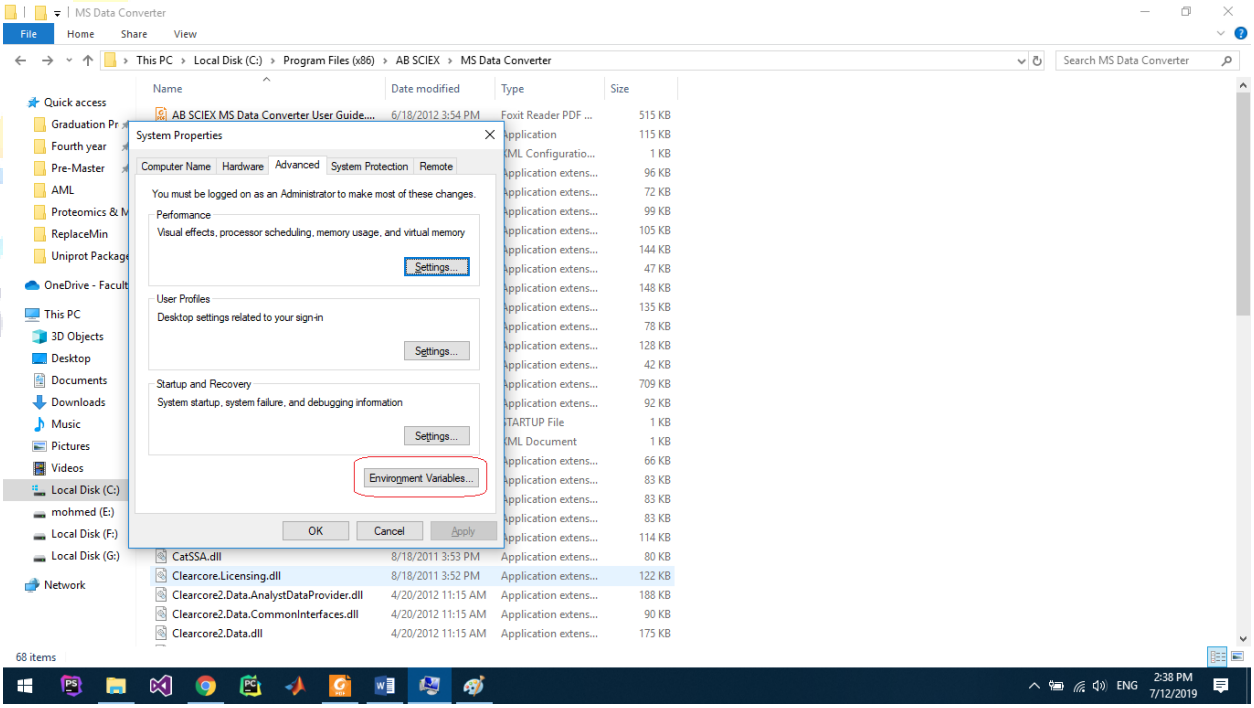
MS Data Converter
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Desktop
Documents
Downloads
Music
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Size
AB SCIEX MS Data Converter User Guide.... 6/18/2012 3:54 PM Foxit Reader PDF ... 515 KB
System Properties
Computer Name Hardware Advanced System Protection Remote
You must be logged on as an Administrator to make most of these changes.
Performance
Visual effects, processor scheduling, memory usage, and virtual memory
Settings...
User Profiles
Desktop settings related to your sign-in
Settings...
Startup and Recovery
System startup, system failure, and debugging information
Settings...
Environment Variables...
OK
Cancel
Apply
CatSSA.dll 8/18/2011 3:53 PM Application extens... 80 KB
Clearcore.Licensing.dll 8/18/2011 3:52 PM Application extens... 122 KB
Clearcore2.Data.AnalystDataProvider.dll 4/20/2012 11:15 AM Application extens... 188 KB
Clearcore2.Data.CommonInterfaces.dll 4/20/2012 11:15 AM Application extens... 90 KB
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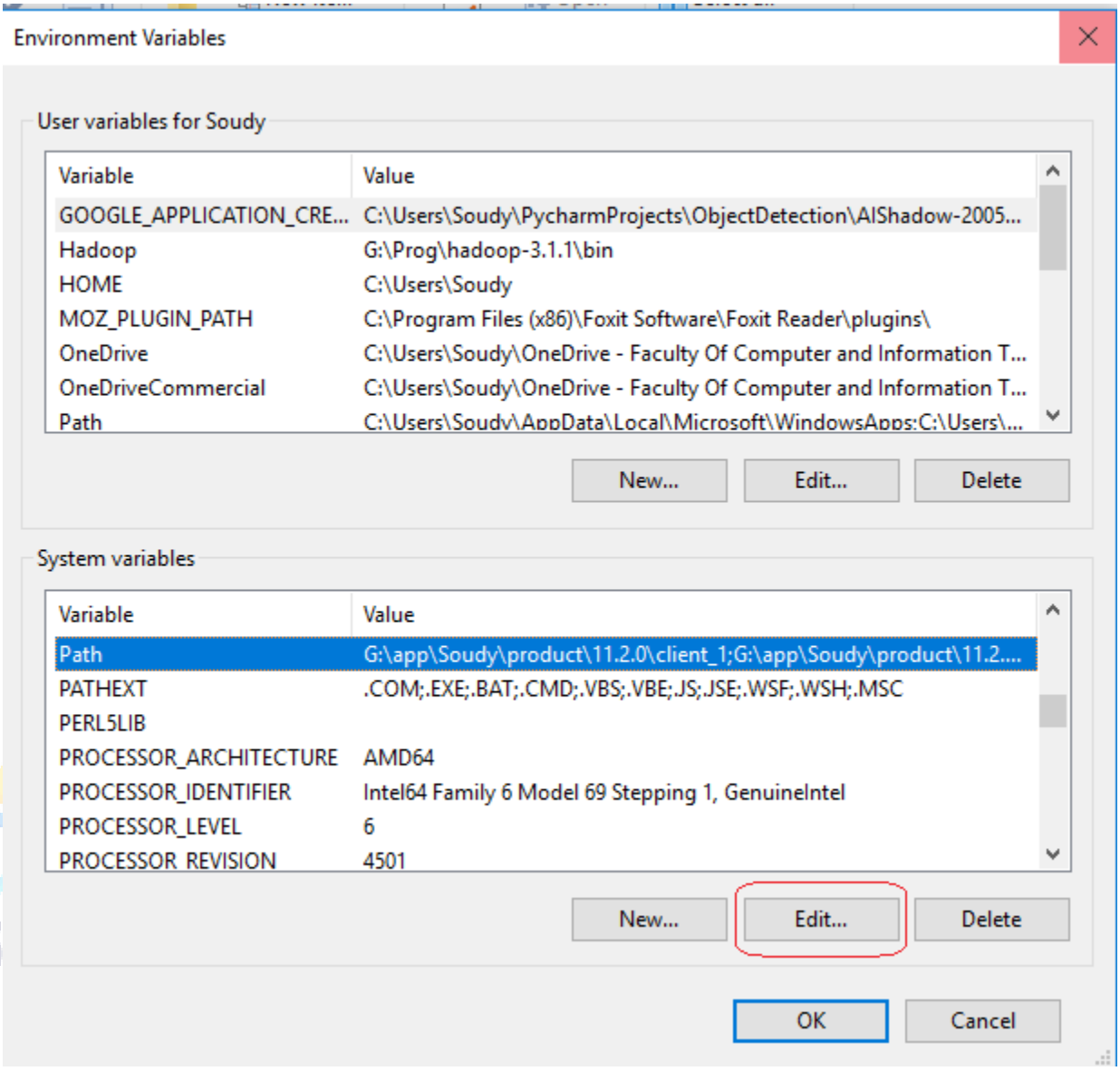
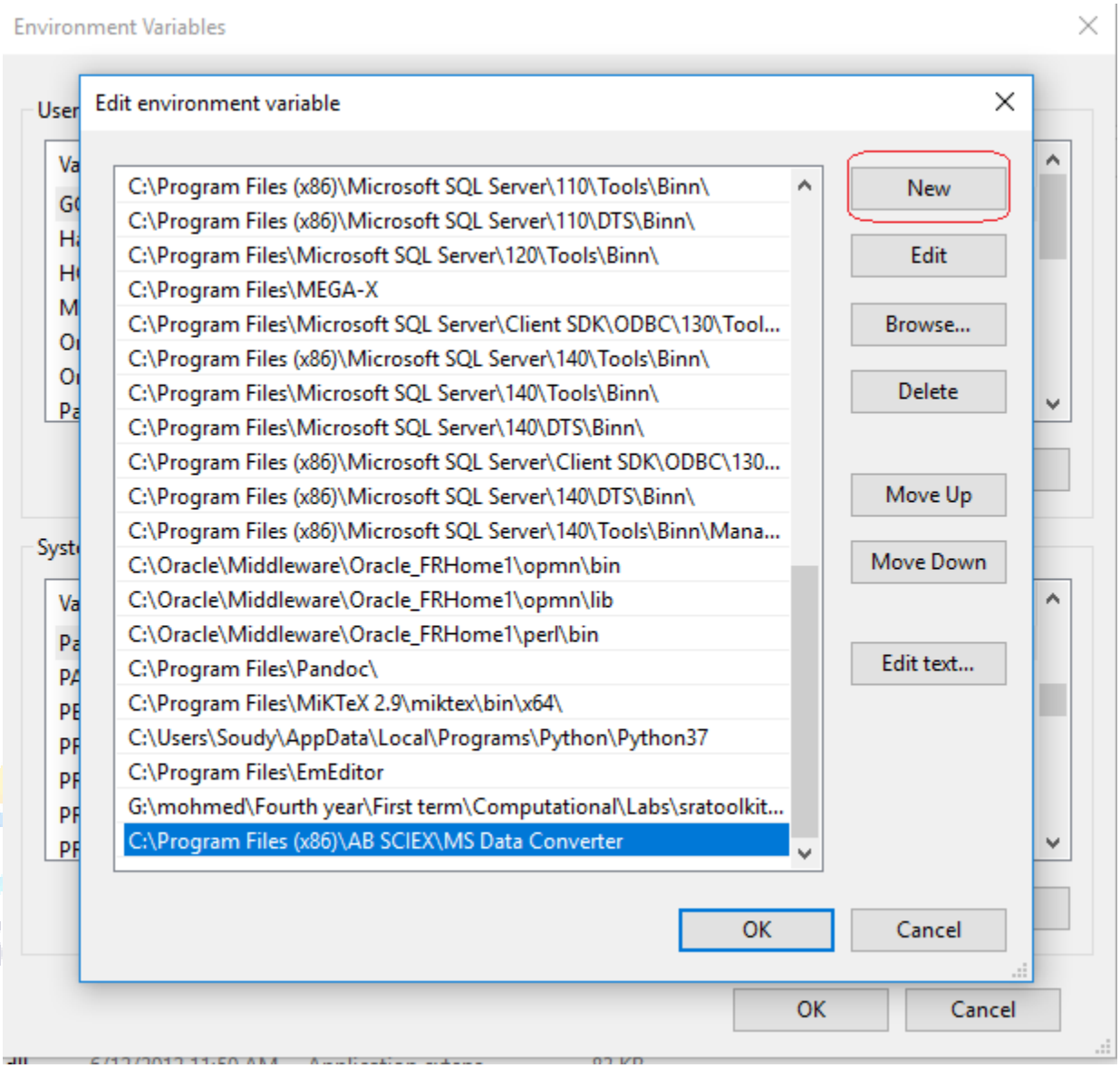

Environment Variables
User variables for Soudy
Variable
Value
GOOGLE_APPLICATION_CRE...
C:\Users\Soudy\PycharmProjects\ObjectDetection\AIShadow-2005...
Hadoop
G:\Prog\hadoop-3.1.1\bin
HOME
C:\Users\Soudy
MOZ_PLUGIN_PATH
C:\Program Files (x86)\Foxit Software\Foxit Reader\plugins\
OneDrive
C:\Users\Soudy\OneDrive - Faculty Of Computer and Information T...
OneDriveCommercial
C:\Users\Soudy\OneDrive - Faculty Of Computer and Information T...
Path
C:\Users\Soudy\AppData\Local\Microsoft\WindowsApps;C:\Users\...
New...
Edit...
Delete
System variables
Variable
Value
Path
G:\app\Soudy\product\11.2.0\client_1;G:\app\Soudy\product\11.2....
PATHEXT
.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PERL5LIB
PROCESSOR_ARCHITECTURE
AMD64
PROCESSOR_IDENTIFIER
Intel64 Family 6 Model 69 Stepping 1, GenuineIntel
PROCESSOR_LEVEL
6
PROCESSOR_REVISION
4501
New...
Edit...
Delete
OK
Cancel


Environment Variables
Edit environment variable
C:\Program Files (x86)\Microsoft SQL Server\110\Tools\Binn\
C:\Program Files (x86)\Microsoft SQL Server\110\DTS\Binn\
C:\Program Files\Microsoft SQL Server\120\Tools\Binn\
C:\Program Files\MEGA-X
C:\Program Files\Microsoft SQL Server\Client SDK\ODBC\130\Tool...
C:\Program Files (x86)\Microsoft SQL Server\140\Tools\Binn\
C:\Program Files\Microsoft SQL Server\140\Tools\Binn\
C:\Program Files\Microsoft SQL Server\140\DTS\Binn\
C:\Program Files (x86)\Microsoft SQL Server\Client SDK\ODBC\130...
C:\Program Files (x86)\Microsoft SQL Server\140\DTS\Binn\
C:\Program Files (x86)\Microsoft SQL Server\140\Tools\Binn\Mana...
C:\Oracle\Middleware\Oracle_FRHome1\opmn\bin
C:\Oracle\Middleware\Oracle_FRHome1\opmn\lib
C:\Oracle\Middleware\Oracle_FRHome1\perl\bin
C:\Program Files\Pandoc\
C:\Program Files\MiKTeX 2.9\miktex\bin\x64\
C:\Users\Soudy\AppData\Local\Programs\Python\Python37
C:\Program Files\EmEditor
G:\mohmed\Fourth year\First term\Computational\Labs\sratoolkit...
C:\Program Files (x86)\AB SCIEX\MS Data Converter
New
Edit
Browse...
Delete
Move Up
Move Down
Edit text...
OK
Cancel
OK
Cancel

Graphical user interface

1. User will be asked to browse the folder containing *.wiff files (*.wiff.scan) files must be in the same directory.
2. Software will iterate over the files and start conversion process.
3. Once files are converted software will show message that process is done successfully.

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