ConvertToMAGEML Documentation

Module name: ConvertToMAGEML
Description: Converts a res, gct, or odf dataset file to a MAGE-ML file.
Author: Joshua Gould
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Release: 1.0

Summary: Converts a res, gct, or odf dataset file to a MAGE-ML file. MAGE-ML is a standard for the representation of microarray expression data. The result files contain an XML file and an external data file. By default these files are packaged into a zip file. Please note, that feature descriptions from GCT, RES, ODF files are not retained in the MAGE-ML file.

References:
http://www.mged.org/Workgroups/MAGE/mage-ml.html

Usage/Example:

# Convert the file all_aml_train.res to MAGE-ML
CM.out <- ConvertToMAGEML (input.filename = “all_aml_train.res”, output.file = "all_aml_train.xml", server = server)

Parameters:

Name	**Description**
input.filename:	The gct, res, or odf file to convert
output.file.base.name:	The base name of the zip output file or the MAGE-ML file
create.zip.file	Whether to zip the MAGE-ML files

Return Value:

If create.zip.file equals yes

1. a pointer to the zip file containing the MAGE-ML file and external data file

If create.zip.file equals no

1. a pointer to the MAGE-ML file
2. a pointer to the external data file that the MAGE-ML file refers to

Platform dependencies:

Task type: Preprocess&Utilities
CPU type: any
OS: any
Java JVM level: 1.4
Language: Java

Support files: broad-cg.jar jakarta-oro-2.0.8.jar Jama-1.0.1.jar MAGEMLImportViewer.jar MAGEstk-2003-10-24-v1.1-compatible.jar trove.jar version.txt

Native command line: <java> <java_flags> -cp <libdir>MAGEstk-2003-10-24-v1.1-compatible.jar<path.separator><libdir>ConvertToMAGE.jar<path.separator><libdir>jakarta-oro-2.0.8.jar<path.separator><libdir>broad-cg.jar<path.separator><libdir>trove.jar<path.separator><libdir>Jama-1.0.1.jar

edu.mit.broad.modules.mage.MAGECreator <input.filename> <output.file.base.name> <create.zip.file>