

ConvertToMAGEML Documentation

Module name: ConvertToMAGEML

Description: Converts a res, gct, or odf dataset file to a MAGE-ML file.

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Date: 2/07/05 **Release:** 2.0

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.

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



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