Module name:	HeatMapImage
Description:	Creates a heat map from a dataset
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Release:	1.0

Creates a jpeg, png, tiff, or bmp heat map image from a dataset.

Parameters:

Name	Description	Default Value	Choices
input.filename	The input file		
output.file	The output file name	<input.filename_basename>	
output.file.format	The output file format	jpeg	jpeg, bmp, png, tiff
column.size	The size in pixels of an element along the x axis	8	
row.size	The size in pixels of an element along the y axis	8	
grid	Whether to draw a grid between elements	yes	yes, no
grid.color	The grid color (r:g:b triplet)	0:0:0	

Return Value: An R list with components:
1. The heat map image.
2. Stderr: the "stderr" text output from running the program.

Platform dependencies:

Task type:	Image Creators
CPU type:	any
OS:	any
Java JVM level:	1.4
Language:	Java
Support files:	broad-cg.jar, jakarta-oro-2.0.8.jar, trove.jar, Jama-1.0.1.jar, jai_core.jar, jai_codec.jar

Native command line: <java> -Djava.awt.headless=true <java_flags> -cp <libdir>HeatMap.jar<path.separator><libdir>broad-cg.jar<path.separator><libdir>jakarta-oro-2.0.8.jar<path.separator><libdir>trove.jar<path.separator><libdir>Jama-1.0.1.jar<path.separator><libdir>jai_core.jar<path.separator><libdir>jai_codec.jar edu.mit.broad.modules.heatmap.HeatMap <input.filename> <output.file> <output.file.format> -cw <column.size> -rw <row.size> -norm <normalization> -grid <grid> -gridcolor <grid.color>