Molecular 2D Descriptors (Mold2) Generator Software, A step by step tutorial

Version 2.0

Center for Bioinformatics
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Contact Information

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Downloaded at:

http://www.fda.gov/ScienceResearch/BioinformaticsTools/Mold2/

Running Mold2, Initial View

Shown below is the initial view upon starting Mold2 (requires Java Runtime Environment JRE 1.6.0 or higher).

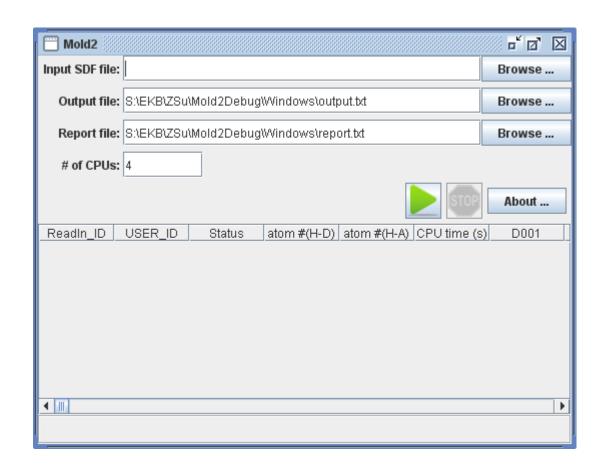
Windows:

-double click Mold2.bat

-Or run Mold2.bat in an Windows cmd line

Linux:

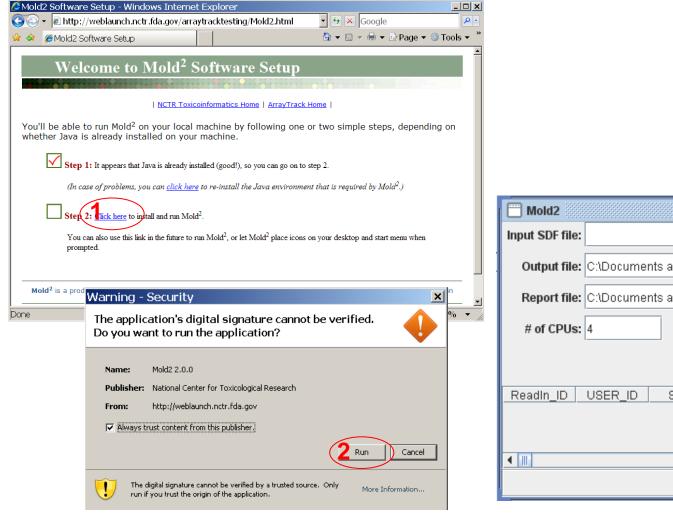
./Mold2.sh



Running Mold2 by Java Web Start

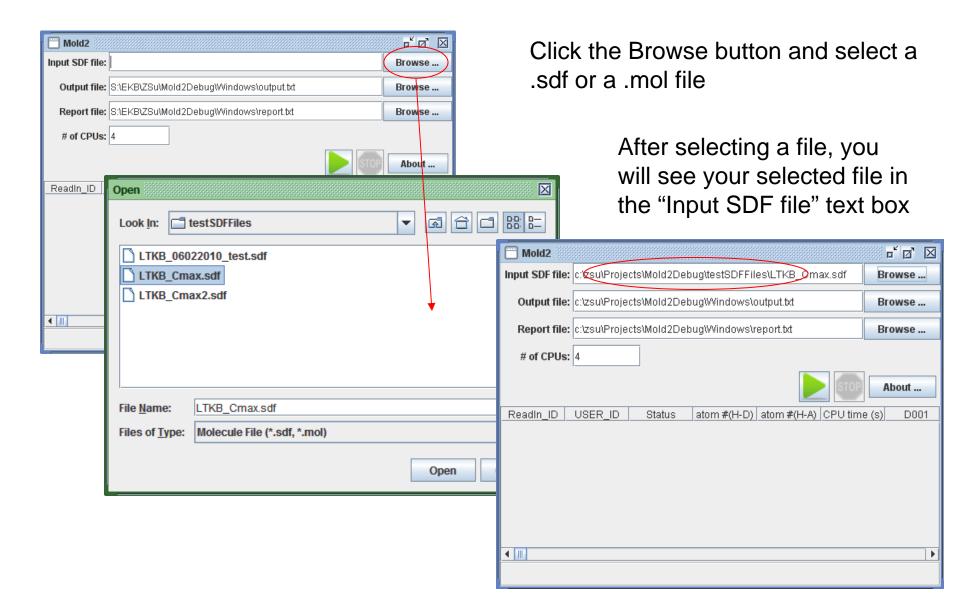
Mold2 can be also launched by one click on any supported platforms.

http://weblaunch.nctr.fda.gov/arraytracktesting/Mold2.html

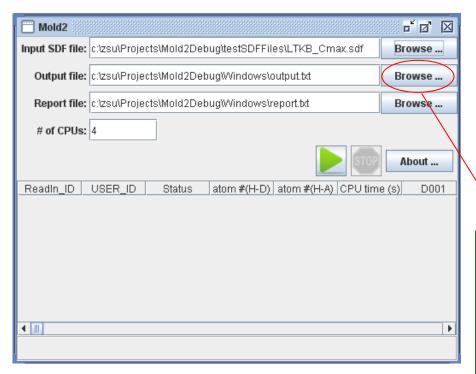


Mold2		" □ □ □
Input SDF file:		Browse
Output file:	C:\Documents and Settings\zsu.FDA\output.txt	Browse
Report file:	C:\Documents and Settings\zsu.FDA\report.txt	Browse
# of CPUs:	4	
	STOP	About
ReadIn_ID	USER_ID Status atom #(H-D) atom #(H-	A) CPU time (s)
1)
l		

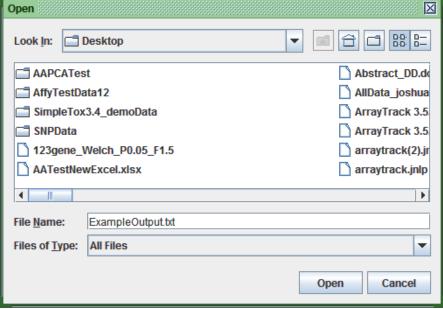
Choosing an Input File



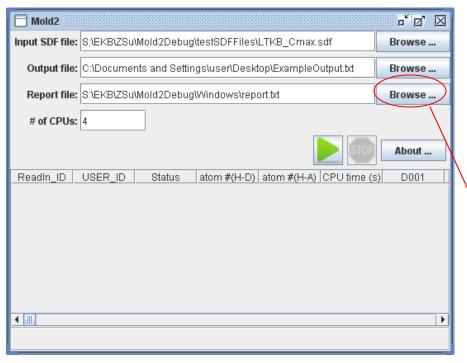
Choosing an Output File



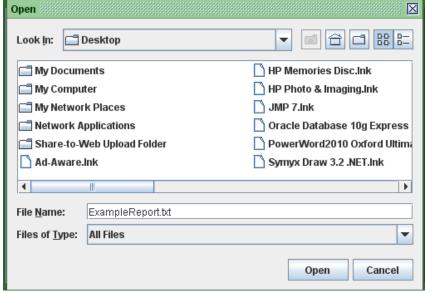
Choose a directory and type in a filename for your output file; it is recommended to save it with a .txt extension



Choosing a Report File



Choose a directory and type in a filename for your report file; it is recommended to save it with a .txt extension

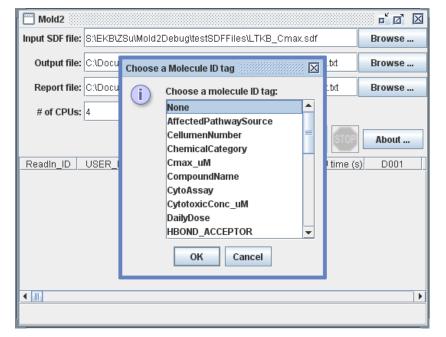


Choosing an ID Tag



After selecting Input, Output and Report files, click the green arrow button to run the analysis. An option pane is shown for users to choose a structure ID tag. Available ID tags are listed in a ListBox. "None" means have no an ID tag will be used.





Performing Analysis

The progress of calculation can be monitored from the table view. There are four statuses: Loaded (chemical structure is loaded from the input file), processing (perform calculation), Finished (calculation is finished), and Saved (the descriptors are written into the output file)

