

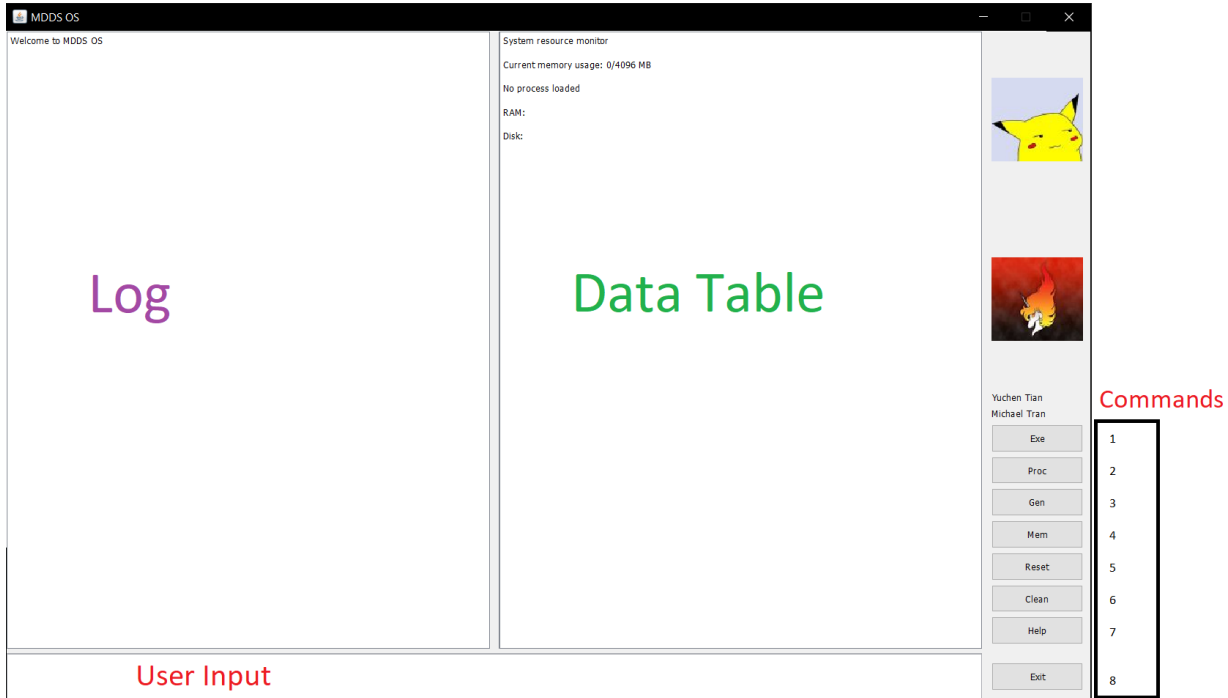
MDDS OS

User Guide

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1 Commands

You may either use the buttons or type the commands into the input field on the bottom.

1.1 Exe

Argument(s): n where n is the number of cycles to simulate. You must enter y/n in the console to continue the simulation. If $n = 0$, the simulation will run until all processes are finished. The Exe button is *exe 0* by default.

1.2 Proc

Argument(s): None. Displays all current processes. This function is made obsolete because the information is constantly updated in the System Resource Monitor.

1.3 Gen

Argument(s): n where n is the number of process(es) to generate. The Gen button is *gen 5* by default.

1.4 Load

Argument(s): *name* where *name* is the file name (without extension) of the program you wish to load.

Example: *load word* will load the word.txt file into the simulation.

1.5 Mem

Argument(s): None. Displays current RAM usage. This function is made obsolete because the information is constantly updated in the System Resource Monitor.

1.6 Reset

Argument(s): None. Forces the simulation to stop and resets all components of the system.

1.7 Clean

Argument(s): None. Clears the console (left) screen.

1.8 Exit

Argument(s): None. Finally! You don't have to look at this thing anymore.

2 Requirements

This simulation is written and compiled in Java SDK 9.0.

GUI was partially designed with IntelliJ IDEA.

To manually load program files, you must place them in the same folder as MDS_OS.jar.