# Engineering Glossary and Readme

Project Virtual Machine Operating System

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Revision 01

Special instructions for running the VM executable on a Mac (as this was compiled on a Mac and will only run on a Mac).

I have found that on my Mac, just double clicking on the executable will not give it the correct operating directory and the OSX files will not be located. You must open a terminal, navigate to the VM executable and type ./VM.

This will ensure that it is running in the directory where all the OSX. Files are and the OSX compiler.

DEFINITIONs

1. SWI

Definition: Software Interrupt

Supporting Information:

1 – Standard input

2 – Standard output

3 – Quite and wait for input

98 – Fork()

command list:

**q = quit**

**load** -v <filename>: Load program into memory

-v = optional verbosity

**Run** -v <filename>: Execute program instructions

-v = optional verbosity

**Coredump** <filename>: Dumps main memory

**Errordump** <filename>: Does nothing

**FILES AVAILABLE**

CPUBound.osx. – Ctrl-c to break out of it

IOBound.osx – Press ‘q’ Enter to quit

test\_cases.osx