

Configuration of ELI under Linux and Mac

ELI was originally designed with GUI under Windows; its implementation uses Microsoft's MFC. There when ELI is activated, a CLEAR workspace appeared as a window GUI. When we ported ELI to Linux and Mac OS, we used GNU C compiler, and based on simple console command lines interaction when ELI is activated.

The Windows package of Eli contains two directories: bin and ws. In "bin", there are 9 files: the Eli.exe and other documentary files including the Primer which can be accessed through the Help button in the ELI window; and there are three .esf files in "ws". The basic strategy for handling working directory in Windows is to register a table. But this is not the same in Linux or Mac where they prefer to use relative paths. The folders are now merged into one folder because the executable file needs to get the script files from the same working directory.

ELI's Linux version is developed in the Ubuntu distribution of the operating System. To install, one does the following:

1. get the package "eli_linux.tar.gz" or "eli_mac.tar.gz"
2. extract it into any directory, for example "/home/USER/"
3. "cd ~/eli_linux" or "cd ~/eli_mac" to enter the directory
4. type "./elix" or "./elim" to run; use "./elix -v" to check version.

The recommended font for eli is Courier New (in Ubuntu, choose Courier 10 pitch) size 12. Any text editor can edit ".esf" script files.

After finishing the above steps, please enter ")ls" to check the files in the working directory.

1. ")fload file1" loads "file1.esf" script file into ELI environment.
2. ")fload 'd1/file2.esf'" loads "file2.esf" in the folder "d1" which is in the working directory.
3. ")out", ")in" are not available but ")save" and ")load" can work. "etf" has been removed in both Linux and Mac version.