

- **window** <text> – Selects the window having a title that contains. Note that tabs within windows are selected by first selecting the window, and then use key "ctrl+Next" to tab over to the desired terminal tab. the given text. Will timeout and fail after 20 seconds.
- **window_wait** <text> – Like window, but no timeout. Intended for use when the xterm title is changed by a program.
- **type_line** <text> – Types the given text followed by a newline.
- **type_lit** <text> – Types a sequence of keys, replacing grave, minus and space with X11 keysyms. Followed by a newline.
- **key** <keysym> – Performs a keypress for the given X11 keysym, see http://xahlee.info/linux/linux_show_keycode_keysym.html and <https://www.in-ulm.de/~mascheck/X11/keysyms.txt>
- **rep_key** <count> <keysym> – Repeats a keypress for the given X11 keysym <count> times.
- **sleep** <seconds> – Sleeps for the given number of seconds.
- **wait_proc** <text> – Delays until a **ps au** <text> returns nothing. Intended for use to wait for a command to complete. This runs on the Linux host, so do not be vauge, or it may never return. Note: If the command was added to the keyboard buffer, then wait_proc may not catch a command.
- **type_command** <text> – Types the given text and uses wait_proc to wait for the command to finish.
- **wait_net** <container>:<text> – Delays until network connections to a given remote host have terminated. The given <text> is searched for as a substring within the host name ouput from a **netstat** command run on the given container.
- **type_file** <file name> – Reads and types each line in the named file. Blank lines will cause a 2 second sleep. Note: Each line is typed into a keyboard buffer and a line commnd will not wait for the previous line to complete its process before running itself. Refer to **command_file** for this function.
- **command_file** <file name> – Intended for use in issuing a series of commands from the shell. This reads and types each line in the named file. A **wait_proc** function is then automatically performed on the line.
- **key_file** <file name> – Reads each line in the named file, and performs a keypress. The lines should contain X11 keysyms. Blank lines cause a 2 second sleep.
- **replace_file** <source file> <container>:<dest file> – Copies content of a source file on the Linux host relative the simlab directory, to a destination path on the named selected container.
- **add_file** <source file> <dest file> – Will append text from the source file to the end of the destination file. The destination file will be accessed from the currently selected virtual terminal. This uses a simple VI scheme to append text, and thus assumes the window and cwd are as needed.