

# Argument Passing

The `process_execute` function is used to create new user processes in Pintos. Currently, it does not support command-line arguments. You must implement argument passing such that the main function of the user process will receive the appropriate `argc` and `argv`. For instance, if you called `process_execute("ls -ahl")`, the user program would receive `2` as `argc` and `["ls", "-ahl"]` as `argv`.

Many of our Pintos test programs start by printing out their own name (i.e. `argv[0]`). Since argument passing has not yet been implemented, all of these programs will crash when they access `argv[0]`.

**Until you implement argument passing, most test programs will instantly fail.**