



NEK Tech Shell Development

Unit Test



NEK Tech

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1. UNIT TESTS:

1.1 USER STRING PARSING TEST:

```

nektech@nektech-desktop:~/prog/linux-3.0.1$ nektech_shell
NEK Tech>> ls
arch      crypto      firmware    ipc         lib         modules.order  REPORTING-BUGS  sound
block     cscope.out  fs          Kbuild     MAINTAINERS  net            samples         tools
COPYING   Documentation  include    Kconfig    Makefile     nohup.out     scripts         usr
CREDITS   drivers     init       kernel     mm           README        security        virt
NEK Tech>> ll
COMMAND OR FILENAME NOT FOUND
NEK Tech>> pwd
/home/nektech/prog/linux-3.0.1
NEK Tech>> █

```

1.2 CD COMMAND HANDLING:

```

NEK Tech>> pwd
/home/nektech/prog/linux-3.0.1
NEK Tech>> pwd
/home/nektech/prog/linux-3.0.1
NEK Tech>> cd ..
NEK Tech>> pwd
/home/nektech/prog
NEK Tech>> cd linux-3.0.1
NEK Tech>> pwd
/home/nektech/prog/linux-3.0.1
NEK Tech>> █

```

1.3 OTHER COMMAND EXECUTION:

```

NEK Tech>> ls
arch      crypto    firmware  ipc       lib       modules.order  REPORTING-BUGS  sound
block     cscope.out  fs        Kbuild   MAINTAINERS  net            samples         tools
COPYING  Documentation  include  Kconfig  Makefile    nohup.out     scripts         usr
CREDITS  drivers     init      kernel   mm          README        security        virt
NEK Tech>> pwd
/home/nektech/prog/linux-3.0.1
NEK Tech>> ls -li
2491429 arch          2496023 drivers  2362215 Kconfig    3022780 net          3024574 sound
2495896 block        2496438 firmware 3022266 kernel   2364684 nohup.out    3025947 tools
2360704 COPYING      2760420 fs        3022519 lib      2362218 README     3146047 usr
2360705 CREDITS      3019570 include  2362216 MAINTAINERS 2362219 REPORTING-BUGS 3146053 virt
2495928 crypto       3022237 init     2362217 Makefile  3024142 samples
2370649 cscope.out    3022250 ipc      3022702 mm        3024179 scripts
2360707 Documentation 2362214 Kbuild   2359667 modules.order 3024420 security
NEK Tech>> q
nektech@nektech-desktop:~/prog/linux-3.0.1$

```

