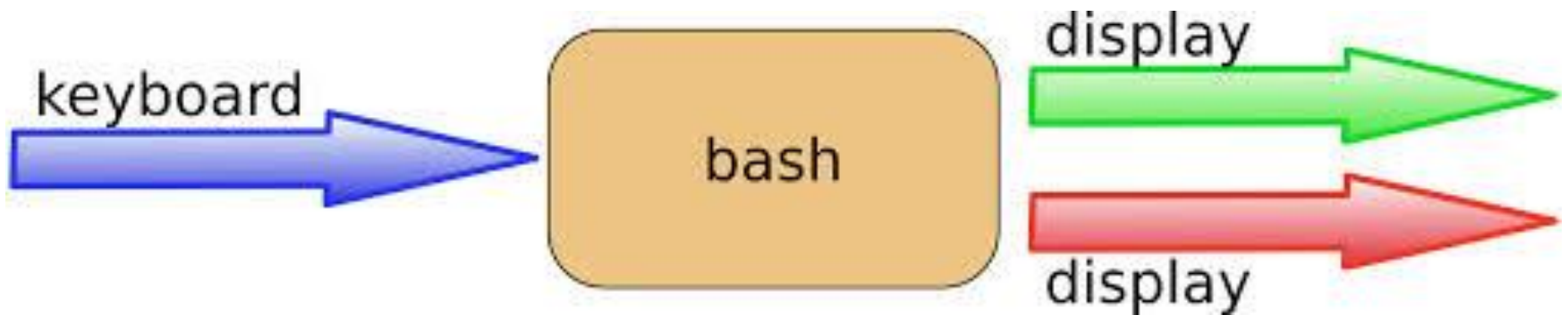


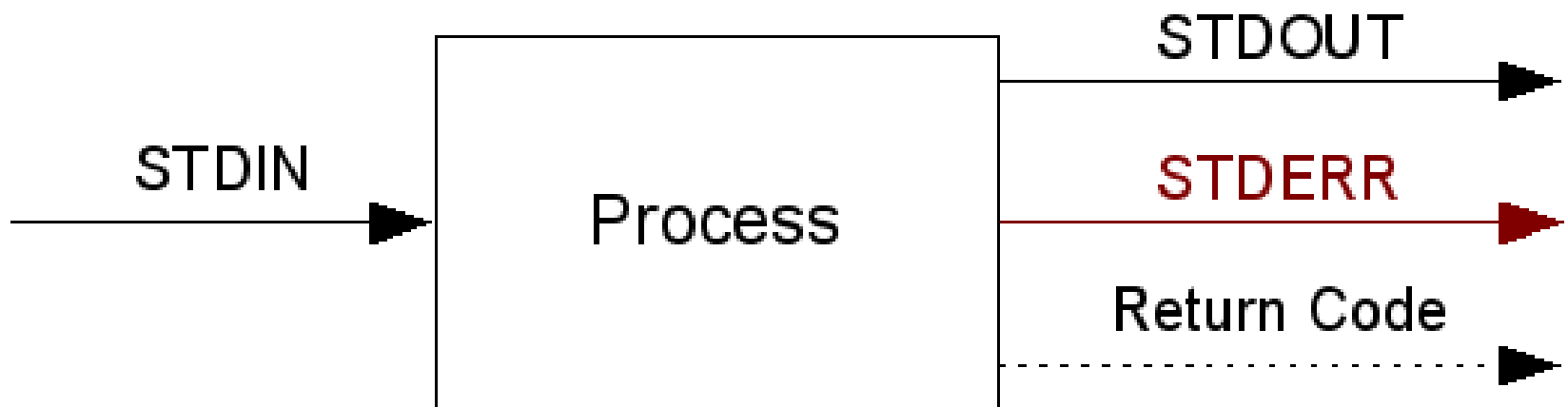
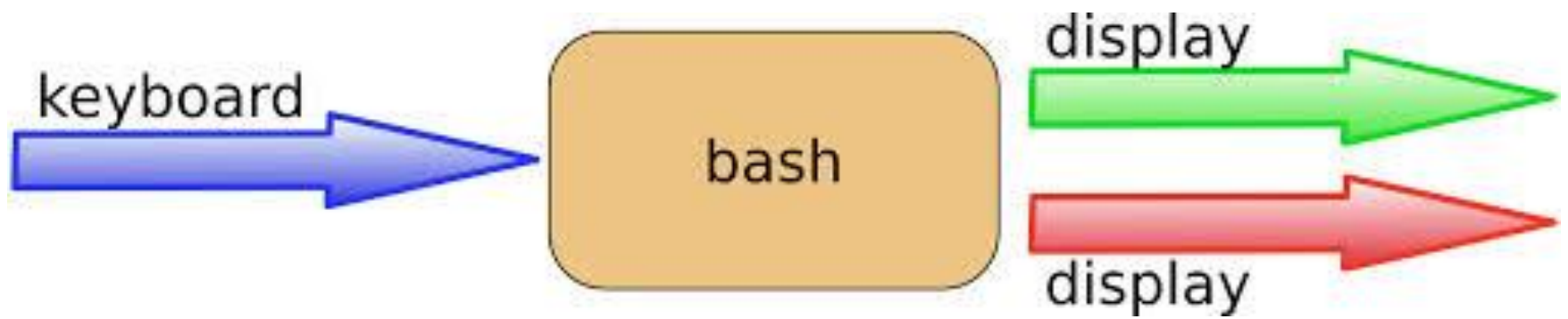
>ps

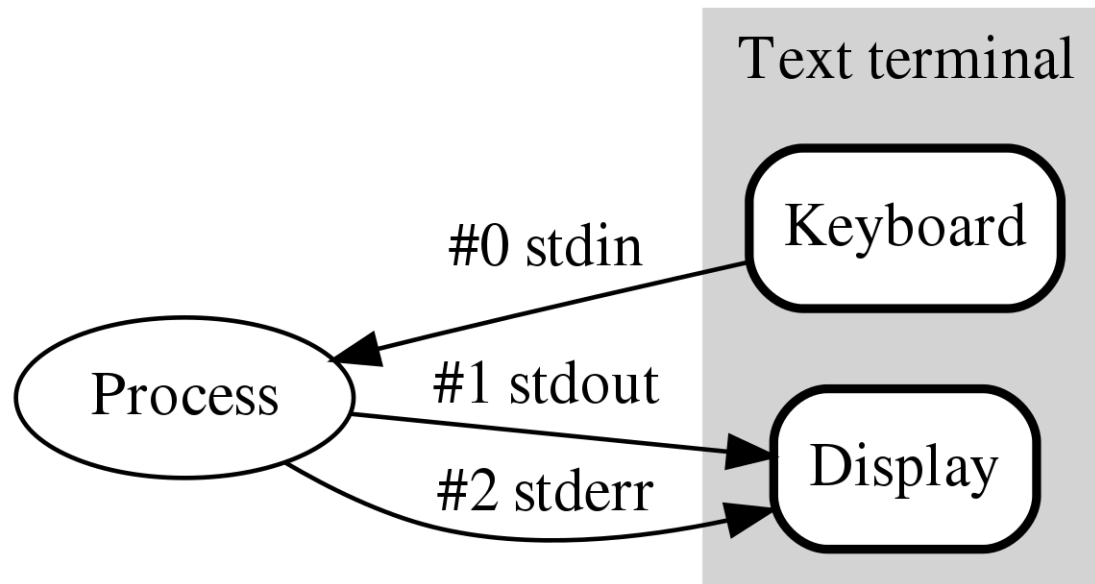
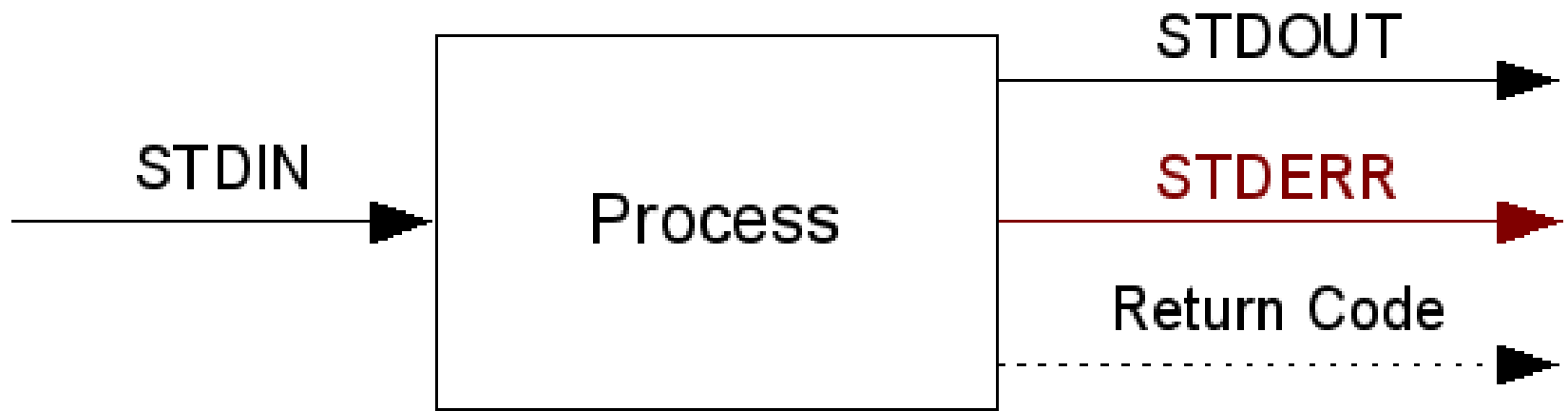
\$ps

```
pungki@dev-machine:/etc/apt/apt.conf.d$ ps
  PID TTY          TIME CMD
 2929 pts/4    00:00:00 bash
 3377 pts/4    00:00:00 ps
pungki@dev-machine:/etc/apt/apt.conf.d$
```

Bash Interaction







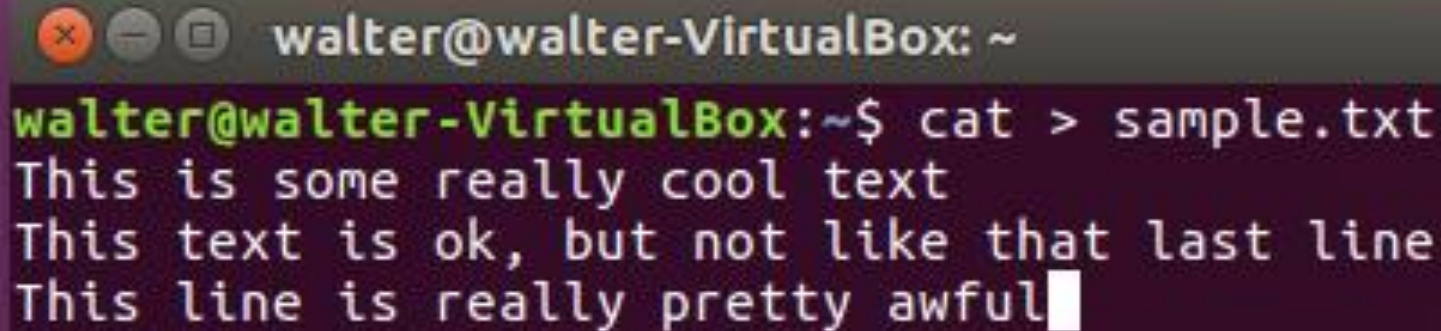
\$ ls

```
bryce — -bash — 80x24
Last login: Mon Apr  9 18:44:33 on ttys000
-bash: /Users/bryce/.git-completion.bash: No such file or directory
[bryce@machine:~$ ls
total 5712
drwxr-xr-x+ 48 bryce  staff  1.5K Apr  9 16:39 .
drwxr-xr-x   6 root   admin  192B Dec 13 15:02 ..
drwxr-xr-x   5 bryce  staff  160B Oct  3 2017 .config
drwx-----+  7 bryce  staff  224B Jul  8 2017 Music
drwxr-xr-x   4 bryce  staff  128B Apr  9 18:34 .docker
drwxr-xr-x   4 bryce  staff  128B Feb 28 21:06 .node-gyp
-rw-r--r--@  1 bryce  staff   18K Apr  9 17:13 .DS_Store
drwxr-xr-x   3 bryce  staff   96B Jan 19 15:36 .jspm
-rw-r--r--   1 bryce  staff  12K Apr  9 16:39 .bash_profile.swp
-rw-r--r--   1 bryce  staff 116B Mar  6 14:24 .yarnrc
-r-----   1 bryce  staff    7B Jun 30 2017 .CFUserTextEncoding
-rw-----   1 bryce  staff  650B Apr  9 14:10 .bash_profile.save
-rw-----   1 bryce  staff 205B Oct 26 21:27 .netrc
-rw-r--r--   1 bryce  staff  12K Jul 27 2017 .gitconfig.swp
-rw-r--r--   1 bryce  staff  9.7K Jan 31 15:36 .v8flags.6.1.534.48.bryce.json
drwxr-xr-x   3 bryce  staff   96B Jul  4 2017 .local
-rw-----   1 bryce  staff   19B Nov 15 14:21 .psql_history
drwxrwxr-x@  3 bryce  staff   96B Apr  9 18:35 Creative Cloud Files
drwx-----+  7 bryce  staff  224B Aug 21 2017 Pictures
```

\$ gcc -o hello hello.c

```
keld@ubuntu:~$ gcc -o hello hello.c
keld@ubuntu:~$ ./hello
Hello World
keld@ubuntu:~$ █
```

\$ cat filename



A terminal window titled "walter@walter-VirtualBox: ~" with standard window controls (close, minimize, maximize). The prompt is "walter@walter-VirtualBox:~\$". The command "cat > sample.txt" has been entered. The output consists of three lines: "This is some really cool text", "This text is ok, but not like that last line", and "This line is really pretty awful" followed by a white cursor block.

```
walter@walter-VirtualBox: ~  
walter@walter-VirtualBox:~$ cat > sample.txt  
This is some really cool text  
This text is ok, but not like that last line  
This line is really pretty awful█
```


Redirection

```
sssit@JavaTpoint:~$ echo Learn Linux. > newfile.txt  
sssit@JavaTpoint:~$ cat newfile.txt  
Learn Linux.  
sssit@JavaTpoint:~$ █
```

Redirection Operators

Operator	Meaning
< <i>filename</i>	Redirects standard input from <i>filename</i> .
> <i>filename</i>	Redirects standard output to <i>filename</i> unless <i>filename</i> exists and noclobber (page 156) is set. If noclobber is not set, this redirection creates <i>filename</i> if it does not exist and overwrites it if it does exist.
>> <i>filename</i>	Redirects and appends standard output to <i>filename</i> ; creates <i>filename</i> if it does not exist.
&> <i>filename</i>	Redirects standard output and standard error to <i>filename</i> .