

Announcement

9/12/07

Switching a process between background and foreground:

- A foreground process is a process that can interact with the user in real time, whereas a background process does not.
- To invoke a background process, the simplest way is to issue a command with an ampersand at the end. For example,

```
pluto% echo_seru 49001 &  
[1] 24430          # system response, indicating job ID and process ID
```

- To bring a background process to foreground,

```
pluto% fg %1      # %1 refers to job ID #1, obtained previously  
echo_seru 49001
```

- To put a foreground process to run in background,

```
^Z                # hold down the <Ctrl> key and press Z  
Stopped (user)  
pluto% bg %1      # make it a background process again  
[1] + echo_seru 49001 &
```

- To terminate a background process, issue either one of the following two commands:

```
pluto% kill %1  
  
or  
  
pluto% kill -9 24430
```

Note: The user input is in **bold**.