GNU/Linux Administration - Feature #524

Running Detatched Terminal Sessions

01/02/2015 05:18 PM - Daniel Curtis

Status:	Closed		**Start date:**	01/02/2015
Priority:	Normal		**Due date:**	
Assignee:	Daniel Curtis		**% Done:**	100%
Category:			**Estimated time:**	0.50 hour
Target version:			**Spent time:**	1.00 hour

Description

From time to time I need to compile a program and close my ssh session, and doing this will kill all running processes spawned from the session it was created from. Luckily there is a handy tool called tmux that will keep processes launched from within the tmux session from dying, even after logging out (as long as the system is running).

h1 Tmux

Install tmux

- On Debian/Ubuntu

  ```
  apt-get install tmux
  ```

- On Arch

  ```
  pacman -S tmux
  ```

- On FreeBSD

  ```
  pkg install tmux
  ```

Running tmux

- Once installed, spawn a tmux session:

  ```
  tmux
  ```

- Now run what ever process that takes a long time:

  ```
  cd /usr/src/project
  make
  ```

- While the process is running press <u>Ctrl + b</u>, then <u>d</u>.

- Then reattach the session to view its progress:

  ```
  tmux attach
  ```

- To list the running tmux sessions, run:

```
tmux list-sessions
```

Screen

Install screen

- On Debian/Ubuntu

```
apt-get install screen
```

- On Arch

```
pacman -S screen
```

- On FreeBSD

```
pkg install screen
```

Running screen

- Once installed, spawn a tmux session:

```
screen
```

- Now run what ever process that takes a long time:

```
cd /usr/src/project
make
```

- While the process is running press <u>Ctrl + a</u>, then <u>d</u>.

- Then reattach the session to view its progress:

```
screen -r
```

History

#1 - 01/02/2015 05:21 PM - Daniel Curtis

- Description updated

- Status changed from New to Resolved

#2 - 01/15/2015 02:41 PM - Daniel Curtis

- Status changed from Resolved to Closed

- % Done changed from 0 to 100

#3 - 03/22/2015 01:22 PM - Daniel Curtis

- Subject changed from Run Processes Detatched From The Terminal to Running Detatched Terminal Sessions

- Description updated