

-- YurySmirnov - 04-Oct-2011

Working with **screen** on lxplus

1. Creating new screen:

```
screen
```

2. Disconnecting from all screens keeping them running in background: `Ctrl+a d`

We're now in regular session: `[detached]` appears.

3. Now we can disconnect from regular session and then log in again. (note that you have to log in to the same lxplus node - make sure you remember which one you were in before!) This way all running jobs will be killed except for those working in screens.

```
screen -ls
```

will show all your active screens, e.g.

```
[login@machinename]/mydir% screen -ls
There is a screen on:
    36713.pts-21.machinename  (Detached)
    2794.pts-33.machinename  (Detached)
2 Sockets in /var/run/screen/S-login.
[login@machinenmae]/mydir%
```

will appear.

4. Now say we want to reconnect to second screen:

`screen -r 2794.pts-33.machinename` (or simply `screen -r 2794`) (in case you have only 1 running screen you can simply type `screen -r` without any screen id indication!)

5. To destroy current (or all your existing screens - to be checked) screen and stop all running jobs in there press `Ctrl+d` while in screen.

If you've have some screen running for >~ 12 h please kill it - otherwise you'll get "AFS token expired"

6. To kill attached screen, e.g. `36713.pts-21.machinename (Attached)`

do

```
kill 36713
```

7. In case screen got frozen kill it and then wipe screens list:

```
kill 36713
```

```
screen -wipe
```

This topic: [Sandbox > YurySmirnovScreenUsageNotes](#)

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