

----DevStack Cheat Sheet----

- DevStack installs two main users:

- admin
- demo

- To use the demo user:

```
cd /opt/stack/devstack  
source openrc
```

- To use the admin user:

```
source openrc admin admin
```

- To go back to the demo user:

```
source openrc demo demo
```

- Make sure it works:

```
nova list  
+-----+-----+-----+-----+-----+-----+  
| ID | Name | Status | Task State | Power State | Networks |  
+-----+-----+-----+-----+-----+-----+  
+-----+-----+-----+-----+-----+-----+
```

- DevStack doesn't use any init scripts. It runs all OpenStack services in a foreground running daemon via the program `screen`. To attach to screen type:

```
screen -x
```

- To detach from screen press `ctrl+a` and **d**.
- Once inside screen, navigate through various OpenStack services with `ctrl+a` and **n** (next) or `ctrl+a` and **p** (previous). You can also jump to a service with `ctrl+a` and a number below:

```
0 shell
1 key
2 horizon
3 g-reg
4 g-api
5 n-api
6 n-cond
7 n-cpu
8 n-crt
9 n-net
10 n-sch
11 n-novnc
12 n-xvnc
13 n-cauth
14 n-obj
15 c-api
16 c-sch
17 c-vol
```

- To see the guide above, press `ctrl+a` and **?**.
- To scroll up/down through the logs, press `ctrl+a` and **ESC**. Use the up/down arrow keys to navigate.
- If you want to change the behavior of a daemon (for example nova-api) modify your `/etc/nova/nova.conf` and then kill the process in the **n-api** screen with `ctrl+c`. You can start the process again by pressing the up arrow to show the last command and press

enter.

- If you accidentally exit a screen session running a daemon, run `ctrl+a` and " and then press `ctrl+a` and \ to kill all of your screen sessions. Now, startup your sessions again by running `./rejoin-stack.sh`.