Running inside GNU Screen

About
Use the multi-window 'screen' program to attach/detach from FreeSWITCH.

Running FreeSWITCH In Screen (Linux/Unix/BSD/OSX)
Some have asked about how to "attach" to a running FreeSWITCH process in a manner similar to that of Asterisk's asterisk -r command. One option for those running FreeSWITCH in a Linux/Unix environment is to use the handy screen utility, courtesy of GNU. (See http://www.gnu.org/software/screen/)

Starting FreeSWITCH In Screen
Make sure that FreeSWITCH is not running, then do this:

```
screen -d -m -S freeswitch /usr/local/freeswitch/bin/freeswitch
```

This will launch FreeSWITCH as a daemon in an attachable screen. Confirm that FreeSWITCH is running:

```
screen -ls
```

There is a screen on:

2652.freeswitch (Attached)
1 Socket in /var/run/screen/S-root.

Attaching to a Running FreeSWITCH Process
This is the cool part! From a terminal session simply launch screen:

```
screen -r
```

Or, if multiple processes have been started with screen, specify the FreeSWITCH process:

```
screen -r freeswitch
```

Detaching From a Running FreeSWITCH Process
To detach from the FreeSWITCH "screen" simply press Ctrl-A then Ctrl-D, after which you will see:

```
[detached]
```

...and you will be returned to your terminal session.

Terminating a FreeSWITCH Process in Screen
To terminate a FreeSWITCH session that is running in a screen simply use the -stop switch from the Linux/Unix command prompt:

```
freeswitch -stop
```

You can also issue the command fsctl shutdown from an XML-RPC session or from fs_cli.