tldr pages

Simplified and community driven man pages

devfsadm

Administration command for /dev. Maintains the /dev namespace.

• Scan for new disks:

```
devfsadm -c disk
```

• Cleanup any dangling /dev links and scan for new device:

```
devfsadm -C -v
```

• Dry-run - output what would be changed but make no modifications:

```
devfsadm -C -v -n
```

dmesg

Write the kernel messages to standard output.

• Show kernel messages:

dmesg

• Show how much physical memory is available on this system:

```
dmesg | grep -i memory
```

• Show kernel messages 1 page at a time:

```
dmesg | less
```

prctl

Get or set the resource controls of running processes,.

Tasks, and projects.

• Examine process limits and permissions:

```
prctl {{PID}}}
```

• Examine process limits and permissions in machine parseable format:

```
prctl -P {{PID}}
```

• Get specific limit for a running process:

```
prctl -n process.max-file-descriptor {{PID}}
```

prstat

Report active process statistics.

• Examine all processes and reports statistics sorted by CPU usage:

```
prstat
```

• Examine all processes and reports statistics sorted by memory usage:

```
prstat -s rss
```

• Report total usage summary for each user:

```
prstat -t
```

• Report microstate process accounting information:

```
prstat -m
```

• Print out a list of top 5 cpu using processes every second:

```
prstat -c -n 5 -s cpu 1
```

runit

3-stage init system.

• Start runit's 3-stage init scheme:

runit

• Shut down runit:

```
kill --CONT {{runit_pid}}
```

runsv

Start and manage a runit service.

• Start a runit service as the current user:

```
runsv {{path/to/service}}
```

• Start a runit service as root:

```
sudo runsv {{path/to/service}}
```

runsvchdir

Change the directory runsvdir uses by default.

• Switch runsvdir directories:

```
sudo runsvchdir {{/path/to/directory}}
```

runsvdir

Run an entire directory of services.

• Start and manage all services in a directory as the current user:

```
runsvdir {{path/to/services}}
```

• Start and manage all services in a directory as root:

```
sudo runsvdir {{path/to/services}}
```

• Start services in separate sessions:

```
runsvdir -P {{path/to/services}}
```

SV

Control a running runsv service.

```
Start a service:
sudo sv up {{path/to/service}}
Stop a service:
sudo sv down {{path/to/service}}
Get service status:
sudo sv status {{path/to/service}}
```

svcadm

Manipulate service instances.

• Enable a service in the service database:

```
svcadm enable {{service name}}
```

• Disable service:

```
svcadm disable {{service_name}}
```

• Restart a running service:

```
svcadm restart {{service_name}}
```

• Command service to re-read configuration files:

```
svcadm refresh {{service_name}}
```

• Clear a service from maintenance state and command it to start:

```
svcadm clear {{service_name}}
```

svccfg

Import, export, and modify service configurations.

• Validate configuration file:

```
svccfg validate {{smf.xml}}
```

• Export service configurations to file:

```
svccfg export {{servicename}} > {{smf.xml}}
```

• Import/update service configurations from file:

```
svccfg import {{smf.xml}}
```

SVCS

List information about running services.

• List all running services:

svcs

• List services that are not running:

SVCS -VX

• List information about a service:

svcs apache

• Show location of service log file:

svcs -L apache

• Display end of a service log file:

tail \$(svcs -L apache)