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)
  ```