

TrueNas-DiskList

[disklist.pl](#)

FreeNas "Disklist" script for report informations about installed hard drives

I wrote this script for getting informations about all installed disks inside my FreeNas box.

This script is written in Perl and use under the hood theses commands:

```
geom disk list
gpart list
glabel list
geli list
gmultipath list
zpool status
zpool list
sas2ircu list
sas2ircu # display
sas3ircu list
sas3ircu # display
smartctl -a [device]
```

[Command line usages are available here](#)

Examples

```
./disklist.pl
partition  label                                zpool      device
disk      size type serial                                rpm
-----
-----
da136p2   gptid/ee5188da-2104-11e6-937f-0cc47a320ec8  freenas-boot  da136   SanDisk Ultra
Fit      62 ???  4C531001421128120501  ???
da128p2   gptid/a32d92ef-898d-11e6-92dc-0cc47a320ec8  volBACKUP    da128   ATA Hitachi
HUA72302  2000 HDD   YGHGTR4A                7200
da129p2   gptid/a64d2fdb-898d-11e6-92dc-0cc47a320ec8  volBACKUP    da129   ATA Hitachi
HUA72302  2000 HDD   YFHRLRZ1A              7200
da130p2   gptid/a9830745-898d-11e6-92dc-0cc47a320ec8  volBACKUP    da130   ATA Hitachi
HUA72302  2000 HDD   YGGU4MKA                7200
da131p2   gptid/acad4d63-898d-11e6-92dc-0cc47a320ec8  volBACKUP    da131   ATA Hitachi
```

```

HUA72302 2000 HDD YGGU5D6A 7200
da132p2 gptid/b00a4e80-898d-11e6-92dc-0cc47a320ec8 volBACKUP da132 ATA Hitachi
HUA72302 2000 HDD YFGR7ZPC 7200
da133p2 gptid/b35b860a-898d-11e6-92dc-0cc47a320ec8 volBACKUP da133 ATA Hitachi
HUA72302 2000 HDD YGHHK07A 7200
da134p2 gptid/b6b2f0e7-898d-11e6-92dc-0cc47a320ec8 volBACKUP da134 ATA Hitachi
HUA72302 2000 HDD YFHMMXA 7200
da135p2 gptid/ba039608-898d-11e6-92dc-0cc47a320ec8 volBACKUP da135 ATA Hitachi
HUA72302 2000 HDD YGGK2R4A 7200

```

```
./disklist.pl -i:zpool tank -all
```

```

partition fs          label                                zpool zpool-location
device sector disk                size type serial      rpm sas-location
-----
-----
da128p2  freebsd-zfs  gptid/a32d92ef-898d-11e6-92dc-0cc47a320ec8  tank  tank/raidz2-0
da128    512 ATA Hitachi HUA72302 2000 HDD YGHGTR4A 7200 SAS2008(0):2#3
da129p2  freebsd-zfs  gptid/a64d2fdb-898d-11e6-92dc-0cc47a320ec8  tank  tank/raidz2-0
da129    512 ATA Hitachi HUA72302 2000 HDD YFHLRZ1A 7200 SAS2008(0):2#2

```

[Original Article](#)

Revision #1

Created 2023-11-10 04:54:26 UTC by Ryan

Updated 2025-02-12 01:12:20 UTC by Ryan