

TrueNAS - Scripts

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Pool/Disk Related

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
disk size type serial zpool device
-----
-----
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 YFHLRZ1A 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

```

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