NAME
geom_linux_lvm - GEOM based Linux LVM logical volume mapping

SYNOPSIS
To compile this driver into the kernel, place the following line in your kernel configuration file:

options GEOM_LINUX_LVM

Alternatively, to load the driver as a module at boot time, place the following line in loader.conf(5):

geom_linux_lvm_load="YES"

DESCRIPTION
The **geom_linux_lvm** framework provides support for mapping Linux LVM volumes to GEOM providers. **geom_linux_lvm** currently supports linear stripes with segments on one or more physical disks. The parser is able to read LVM2 Text Format metadata, the logical volumes will be assembled and made available under */dev/linux_lvm/*. The metadata is read-only, logical volumes cannot be allocated or resized.

EXAMPLES
To view which **geom_linux_lvm** devices are available:

```
# geom linux_lvm list
Geom name: vg1
Providers:
1. Name: linux_lvm/vg1-home
   Mediasize: 4294967296 (4.0G)
   Sectorsize: 512
   Mode: r0w0e0
2. Name: linux_lvm/vg1-logs
   Mediasize: 4294967296 (4.0G)
   Sectorsize: 512
   Mode: r0w0e0
Consumers:
1. Name: ada0s1
   Mediasize: 80023716864 (75G)
   Sectorsize: 512
   Mode: r0w0e0
```

SEE ALSO

GEOM(4), geom(8)

AUTHORS

The **geom_linux_lvm** driver was written by Andrew Thompson *<thompsa@FreeBSD.org>*.