NAME

gmountver - control utility for disk mount verification GEOM class

SYNOPSIS

gmountver create [**-v**] *prov ...*
gmountver destroy [**-fv**] *name*
gmountver list
gmountver status [**-s** *name*]
gmountver load [**-v**]
gmountver unload [**-v**]

DESCRIPTION

The **gmountver** utility is used to control the mount verification GEOM class. When configured, it passes all the I/O requests to the underlying provider. When the underlying provider disappears - for example because the disk device got disconnected - it queues all the I/O requests and waits for the provider to reappear. When that happens, it attaches to it and sends the queued requests.

The first argument to **gmountver** indicates an action to be performed:

create　　Enable mount verification for the given provider. If the operation succeeds, a new GEOM provider will be created using the given provider's name with a '.mountver' suffix. The kernel module *geom_mountver.ko* will be loaded if it is not loaded already.

destroy　Destroy *name*.

list　　　See geom(8).

status　　See geom(8).

load　　　See geom(8).

unload　　See geom(8).

Additional options:

-f　　　　Force the removal of the specified mountver device.

-v　　　　Be more verbose.

SYSCTL VARIABLES

The following sysctl(8) variables can be used to control the behavior of the **MOUNTVER** GEOM class. The default value is shown next to each variable.

kern.geom.mountver.debug: 0
> Debug level of the **MOUNTVER** GEOM class. This can be set to a number between 0 and 3 inclusive. If set to 0 minimal debug information is printed, and if set to 3 the maximum amount of debug information is printed.

kern.geom.mountver.check_ident: 1
> This can be set to 0 or 1. If set to 0, **gmountver** will reattach to the device even if the device reports a different disk ID.

EXIT STATUS
Exit status is 0 on success, and 1 if the command fails.

SEE ALSO
geom(4), geom(8)

HISTORY
The **gmountver** utility appeared in FreeBSD 9.0.

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