

**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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