NAME

    mlxcontrol - Mylex DAC-family RAID management utility

SYNOPSIS

    mlxcontrol <command> [args]
    mlxcontrol status [**-qv**] [*drive*]
    mlxcontrol rescan *controller* [*controller ...*]
    mlxcontrol detach *drive* [*drive ...*]
    mlxcontrol detach **-a**
    mlxcontrol check *drive*
    mlxcontrol config *controller*
    mlxcontrol help *command*

DESCRIPTION

    The **mlxcontrol** utility provides status monitoring and management functions for devices attached to the mlx(4) driver.

    Controller names are of the form "mlxN" where N is the unit number of the controller. Drive names are of the form "mlxdN" where N is the unit number of the drive. Do not specify the path to a device node.

    status   Print the status of controllers and system drives. If one or more drives are specified, only print information about these drives, otherwise print information about all controllers and drives in the system. With the **-v** flag, display much more verbose information. With the **-q** flag, do not print any output. This command returns 0 if all drives tested are online, 1 if one or more drives are critical and 2 if one or more are offline.

    rescan Rescan one or more controllers for non-attached system drives (e.g. drives that have been detached or created subsequent to driver initialisation). If the **-a** flag is supplied, rescan all controllers in the system.

    detach Detach one or more system drives. Drives must be unmounted and not opened by any other utility for this command to succeed. If the **-a** flag is supplied, detach all system drives from the nominated controller.

    check   Initiate a consistency check and repair pass on a redundant system drive (e.g. RAID1 or RAID5). The controller will scan the system drive and repair any inconsistencies. This command returns immediately; use the *status* command to monitor the progress of the check.

    rebuild Requires two arguments, *controller* and *physdrive* as specified in the output of the *status* command. All system drives using space on the physical drive *physdrive* are rebuilt,

reconstructing all data on the drive. Note that each controller can only perform one rebuild at a time. This command returns immediately; use the *status* command to monitor the progress of the rebuild.

config Print the current configuration from the nominated controller. This command will be updated to allow addition/deletion of system drives from a configuration in a future release.

help   Print usage information for *command*.

AUTHORS
The **mlxcontrol** utility was written by Michael Smith *<msmith@FreeBSD.org>*.

BUGS
The *config* command does not yet support modifying system drive configuration.

Error log extraction is not yet supported.