

## [2.6 patch] cdrom.c: make several functions static

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-10/10357.html>

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Date: Sun, 31 Oct 2004 22:33:19 +0100

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The patch below makes several functions in cdrom.c static.

This includes `cdrom_is_mrwr` and `cdrom_is_random_writable` which were `EXPORT_SYMBOL`'ed but weren't used anywhere outside of `cdrom.h`.

diffstat output:

```
drivers/cdrom/cdrom.c | 24 ++++++-----
include/linux/cdrom.h | 2 --
2 files changed, 11 insertions(+), 15 deletions(-)
```

Signed-off-by: Adrian Bunk <bunk@stusta.de>

```
--- linux-2.6.10-rc1-mm2-full/include/linux/cdrom.h.old 2004-10-31 01:19:52.000000000 +0200
+++ linux-2.6.10-rc1-mm2-full/include/linux/cdrom.h 2004-10-31 01:20:17.000000000 +0200
@@ -1185,8 +1185,6 @@
};
```

```
extern int cdrom_get_media_event(struct cdrom_device_info *cdi, struct media_event_desc *med);
-extern int cdrom_is_mrwr(struct cdrom_device_info *cdi, int *write);
-extern int cdrom_is_random_writable(struct cdrom_device_info *cdi, int *write);
```

```
#endif /* End of kernel only stuff */
```

```
--- linux-2.6.10-rc1-mm2-full/drivers/cdrom/cdrom.c.old 2004-10-31 01:13:21.000000000 +0200
+++ linux-2.6.10-rc1-mm2-full/drivers/cdrom/cdrom.c 2004-10-31 01:16:08.000000000 +0200
@@ -505,7 +505,7 @@
 * the first prototypes used 0x2c as the page code for the mrw mode page,
 * subsequently this was changed to 0x03. probe the one used by this drive
 */
-int cdrom_mrwr_probe_pc(struct cdrom_device_info *cdi)
+static int cdrom_mrwr_probe_pc(struct cdrom_device_info *cdi)
{
    struct packet_command cgc;
    char buffer[16];
@@ -526,7 +526,7 @@
    return 1;
}
```

## Linux-Kernel: [2.6 patch] cdrom.c: make several functions static

```
-int cdrom_is_mrw(struct cdrom_device_info *cdi, int *write)
+static int cdrom_is_mrw(struct cdrom_device_info *cdi, int *write)
{
    struct packet_command cgc;
    struct mrw_feature_desc *mfd;
@@ -680,7 +680,7 @@
    return 0;
}

-int cdrom_get_random_writable(struct cdrom_device_info *cdi,
+static int cdrom_get_random_writable(struct cdrom_device_info *cdi,
                                     struct rwrt_feature_desc *rfd)
{
    struct packet_command cgc;
@@ -701,7 +701,7 @@
    return 0;
}

-int cdrom_has_defect_mgt(struct cdrom_device_info *cdi)
+static int cdrom_has_defect_mgt(struct cdrom_device_info *cdi)
{
    struct packet_command cgc;
    char buffer[16];
@@ -726,7 +726,7 @@
}

-int cdrom_is_random_writable(struct cdrom_device_info *cdi, int *write)
+static int cdrom_is_random_writable(struct cdrom_device_info *cdi, int *write)
{
    struct rwrt_feature_desc rfd;
    int ret;
@@ -3074,14 +3074,12 @@
EXPORT_SYMBOL(cdrom_mode_sense);
EXPORT_SYMBOL(init_cdrom_command);
EXPORT_SYMBOL(cdrom_get_media_event);
-EXPORT_SYMBOL(cdrom_is_mrw);
-EXPORT_SYMBOL(cdrom_is_random_writable);

#ifdef CONFIG_SYSCTL

#define CDROM_STR_SIZE 1000

-struct cdrom_sysctl_settings {
+static struct cdrom_sysctl_settings {
    char info[CDROM_STR_SIZE]; /* general info */
    int autoclose; /* close tray upon mount, etc */
    int autoeject; /* eject on umount */
@@ -3090,7 +3088,7 @@
    int check; /* check media type */
```

## Linux-Kernel: [2.6 patch] cdrom.c: make several functions static

```
} cdrom_sysctl_settings;

-int cdrom_sysctl_info(ctl_table *ctl, int write, struct file * filp,
+static int cdrom_sysctl_info(ctl_table *ctl, int write, struct file * filp,
                             void __user *buffer, size_t *lenp, loff_t *ppos)
{
    int pos;
@@ -3193,7 +3191,7 @@
    procfs/sysctl yet. When they are, this will naturally disappear. For now
    just update all drives. Later this will become the template on which
    new registered drives will be based. */
-void cdrom_update_settings(void)
+static void cdrom_update_settings(void)
{
    struct cdrom_device_info *cdi;

@@ -3271,7 +3269,7 @@
}

/* Place files in /proc/sys/dev/cdrom */
-ctl_table cdrom_table[] = {
+static ctl_table cdrom_table[] = {
    {
        .ctl_name = DEV_CDROM_INFO,
        .procname = "info",
@@ -3323,7 +3321,7 @@
        { .ctl_name = 0 }
    };

-ctl_table cdrom_cdrom_table[] = {
+static ctl_table cdrom_cdrom_table[] = {
    {
        .ctl_name = DEV_CDROM,
        .procname = "cdrom",
@@ -3335,7 +3333,7 @@
    };

/* Make sure that /proc/sys/dev is there */
-ctl_table cdrom_root_table[] = {
+static ctl_table cdrom_root_table[] = {
#ifdef CONFIG_PROC_FS
    {
        .ctl_name = CTL_DEV,

```

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