

[PATCH] Device-Mapper 7/9

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-04/2451.html>

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Clarify the comment regarding the "next" field in struct dm_target_spec. The "next" field has different behavior if you're performing a DM_TABLE_STATUS command than it does if you're performing a DM_TABLE_LOAD command.

See populate_table() and retrieve_status() in drivers/md/dm-ioctl.c for more details on how this field is used.

```
--- diff/include/linux/dm-ioctl.h 2004-04-09 09:41:45.000000000 -0500
+++ source/include/linux/dm-ioctl.h 2004-04-09 09:42:36.000000000 -0500
@@ -129,8 +129,14 @@
     int32_t status; /* used when reading from kernel */

    /*
- * Offset in bytes (from the start of this struct) to
- * next target_spec.
+ * Location of the next dm_target_spec.
+ * - When specifying targets on a DM_TABLE_LOAD command, this value is
+ * the number of bytes from the start of the "current" dm_target_spec
+ * to the start of the "next" dm_target_spec.
+ * - When retrieving targets on a DM_TABLE_STATUS command, this value
+ * is the number of bytes from the start of the first dm_target_spec
+ * (that follows the dm_ioctl struct) to the start of the "next"
+ * dm_target_spec.
     */
    uint32_t next;
```

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