

[PATCH 5/7] dm/md dependency tree in sysfs: md to use bd_claim_by_disk

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-03/msg04252.html>

- *From:* "Jun'ichi Nomura" <j-nomura@xxxxxxxxxxxxxx>
 - *Date:* Mon, 13 Mar 2006 17:16:40 -0500
-

This patch is part of dm/md dependency tree in sysfs.

Following symlinks are created if md0 is built from sda and sdb
/sys/block/md0/slaves/sda --> /sys/block/sda
/sys/block/md0/slaves/sdb --> /sys/block/sdb
/sys/block/sda/holders/md0 --> /sys/block/md0
/sys/block/sdb/holders/md0 --> /sys/block/md0

Thanks,

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Jun'ichi Nomura, NEC Solutions (America), Inc.
Use bd_claim_by_disk.

Following symlinks are created if md0 is built from sda and sdb
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/sys/block/sda/holders/md0 --> /sys/block/md0
/sys/block/sdb/holders/md0 --> /sys/block/md0

Signed-off-by: Jun'ichi Nomura <j-nomura@xxxxxxxxxxxxxx>

drivers/md/md.c | 2 ++
1 files changed, 2 insertions(+)

--- linux-2.6.16-rc6.orig/drivers/md/md.c 2006-03-11 17:12:55.000000000 -0500

+++ linux-2.6.16-rc6/drivers/md/md.c 2006-03-13 11:24:00.000000000 -0500

```
@@ -1298,6 +1298,7 @@ static int bind_rdev_to_array(mdk_rdev_t
```

```
else
```

```
ko = &rdev->bdev->bd_disk->kobj;
```

```
sysfs_create_link(&rdev->kobj, ko, "block");
```

```
+ bd_claim_by_disk(rdev->bdev, rdev, mddev->gendisk);
```

```
return 0;
```

```
}
```

```
@@ -1308,6 +1309,7 @@ static void unbind_rdev_from_array(mdk_r
```

```
MD_BUG());
```

```
return;
```

```
}
```

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```
+ bd_release_from_disk(rdev->bdev, rdev->mddev->gendisk);  
list_del_init(&rdev->same_set);  
printk(KERN_INFO "md: unbind<%s>\n", bdevname(rdev->bdev,b));  
rdev->mddev = NULL;
```