

[PATCH 5/6] md to use bd_claim_by_disk

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-03/msg01154.html>

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 - *Date:* Fri, 03 Mar 2006 19:58:21 -0500
-

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

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.

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/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-rc5.orig/drivers/md/md.c 2006-02-27 00:09:35.000000000 -0500
```

```
+++ linux-2.6.16-rc5/drivers/md/md.c 2006-03-02 14:57:05.000000000 -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;
```

```
}
```

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

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