
Subject: [PATCH 4/4] Fixup container_of() usage
Posted by [Alexey Dobriyan](#) on Tue, 08 Jan 2008 08:44:23 GMT
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Using "attr" twice is not OK, because it effectively prohibits such container_of() on variables not named "attr".

Signed-off-by: Alexey Dobriyan <adobriyan@sw.ru>

```
arch/sh/kernel/cpu/sh4/sq.c | 2 +-  
drivers/lguest/lguest_device.c | 2 +-  
2 files changed, 2 insertions(+), 2 deletions(-)
```

```
--- a/arch/sh/kernel/cpu/sh4/sq.c  
+++ b/arch/sh/kernel/cpu/sh4/sq.c  
@@ -263,7 +263,7 @@ struct sq_sysfs_attr {  
    ssize_t (*store)(const char *buf, size_t count);  
};  
  
-#define to_sq_sysfs_attr(attr) container_of(attr, struct sq_sysfs_attr, attr)  
+#define to_sq_sysfs_attr(a) container_of(a, struct sq_sysfs_attr, attr)  
  
static ssize_t sq_sysfs_show(struct kobject *kobj, struct attribute *attr,  
    char *buf)  
--- a/drivers/lguest/lguest_device.c  
+++ b/drivers/lguest/lguest_device.c  
@@ -47,7 +47,7 @@ struct lguest_device {  
    /* Since the virtio infrastructure hands us a pointer to the virtio_device all  
    * the time, it helps to have a curt macro to get a pointer to the struct  
    * lguest_device it's enclosed in. */  
-#define to_lgdev(vdev) container_of(vdev, struct lguest_device, vdev)  
+#define to_lgdev(vd) container_of(vd, struct lguest_device, vdev)  
  
/*D:130  
    * Device configurations
```

Subject: Re: [PATCH 4/4] Fixup container_of() usage
Posted by [Rusty Russell](#) on Tue, 08 Jan 2008 10:40:51 GMT
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On Tuesday 08 January 2008 19:46:29 Alexey Dobriyan wrote:

> Using "attr" twice is not OK, because it effectively prohibits such
> container_of() on variables not named "attr".

>

> Signed-off-by: Alexey Dobriyan <adobriyan@sw.ru>

Thanks, nice catch. Took me a while to understand that you meant "you can't use `to_sq_sysfs_attr()` on a variable not named `attr`".

Acked-by: Rusty Russell <rusty@rustcorp.com.au>
