



index : kernel/git/stable/linux.git

master



switch

Linux kernel stable tree

Stable Group

[about](#) [summary](#) [refs](#) [log](#) [tree](#) [commit](#) [diff](#) [stats](#)

log msg



search

author Yang Yingliang <yangyingliang@huawei.com> 2022-10-24 16:45:11 +0800
committer Greg Kroah-Hartman <gregkh@linuxfoundation.org> 2022-11-25 17:35:41 +0100
commit c3ce73f60599a483dca7becd4112508833a40ef9 (patch)
tree 114f54a5f369e44937cbf3944803dc60d95735cf
parent 9c7693166b485c224b11fd4c97add7758941a031 (diff)
download linux-c3ce73f60599a483dca7becd4112508833a40ef9.tar.gz

diff options

context:

3



space:

include



mode:

unified



iio: adc: at91_adc: fix possible memory leak in at91_adc_allocate_trigger()

commit 65f20301607d07ee279b0804d11a05a62a6c1a1c upstream.

If iio_trigger_register() returns error, it should call iio_trigger_free() to give up the reference that hold in iio_trigger_alloc(), so that it can call iio_trig_release() to free memory when the refcount hit to 0.

Fixes: 0e589d5fb317 ("ARM: AT91: IIO: Add AT91 ADC driver.")

Signed-off-by: Yang Yingliang <yangyingliang@huawei.com>

Link: <https://lore.kernel.org/r/20221024084511.815096-1-yangyingliang@huawei.com>

Cc: <Stable@vger.kernel.org>

Signed-off-by: Jonathan Cameron <Jonathan.Cameron@huawei.com>

Signed-off-by: Greg Kroah-Hartman <gregkh@linuxfoundation.org>

Diffstat

-rw-r--r-- drivers/iio/adc/at91_adc.c 4

1 files changed, 3 insertions, 1 deletions

diff --git a/drivers/iio/adc/at91_adc.c b/drivers/iio/adc/at91_adc.c

index dd9f2280927bba..0b14efc2842b49 100644

--- a/drivers/iio/adc/at91_adc.c

+++ b/drivers/iio/adc/at91_adc.c

@@ -617,8 +617,10 @@ static struct iio_trigger *at91_adc_allocate_trigger(struct iio_dev *idev,
trig->ops = &at91_adc_trigger_ops;

ret = iio_trigger_register(trig);

- if (ret)

+ if (ret) {

+ iio_trigger_free(trig);

return NULL;

+ }

return trig;

}