

# Porting of drivers/devfreq/tegra-devfreq.c

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## 1 Introduction

The driver `drivers/devfreq/tegra-devfreq.c` was introduced in 2013 in the commit 6234f38. It is a devfreq driver for Tegra Activity Monitor. This driver was accompanied by changes to Kconfig and a Makefile. Gcc produces 1 error.

## 2 of\_init\_opp\_table

Gcc reports that the function `of_init_opp_table` is not known. We try the following patch query (`step1.cocci`):

```
@bad depends on after@
@@

    of_init_opp_table
    (...)

@depends on !bad@
@@

- of_init_opp_table
  (...)
```

The first result is f0489a5 at 6%. This clearly (commit log and some examples) that the change should be:

```
@@
@@

- of_init_opp_table
- of_add_opp_table
  (...)
```

Unfortunately, while this is what is done for other drivers, the actual patch for this driver is to remove the call and the associated error handling code, because a change in the device table bindings makes the functionality unnecessary.

Note that the driver developer should not normally have access to the device table bindings, so this is not an interface issue.

== success (1/2) - although previous device specific change makes the change unnecessary