

Linux Kernel Development

Going faster than you think

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github.com/gregkh/kernel-development

53,000 files
21,150,000 lines

3,974 developers
387 companies

10,800 lines added

5,300 lines removed

1,875 lines modified

10,800 lines added

5,300 lines removed

1,875 lines modified

Every day

7.8 changes per hour

Kernel releases 4.0.0 – 4.5.0
April 2015 – March 2016

8.1 changes per hour

4.3 release

How we stay sane

Time based releases

Incremental changes



**New release every
2½ months**

4.2.0



4.3.0-rc1



4.3.0-rc2



4.3.0-rc3



4.3.0-rc4



4.3.0-rc5



4.3.0-rc6



4.3.0-rc7

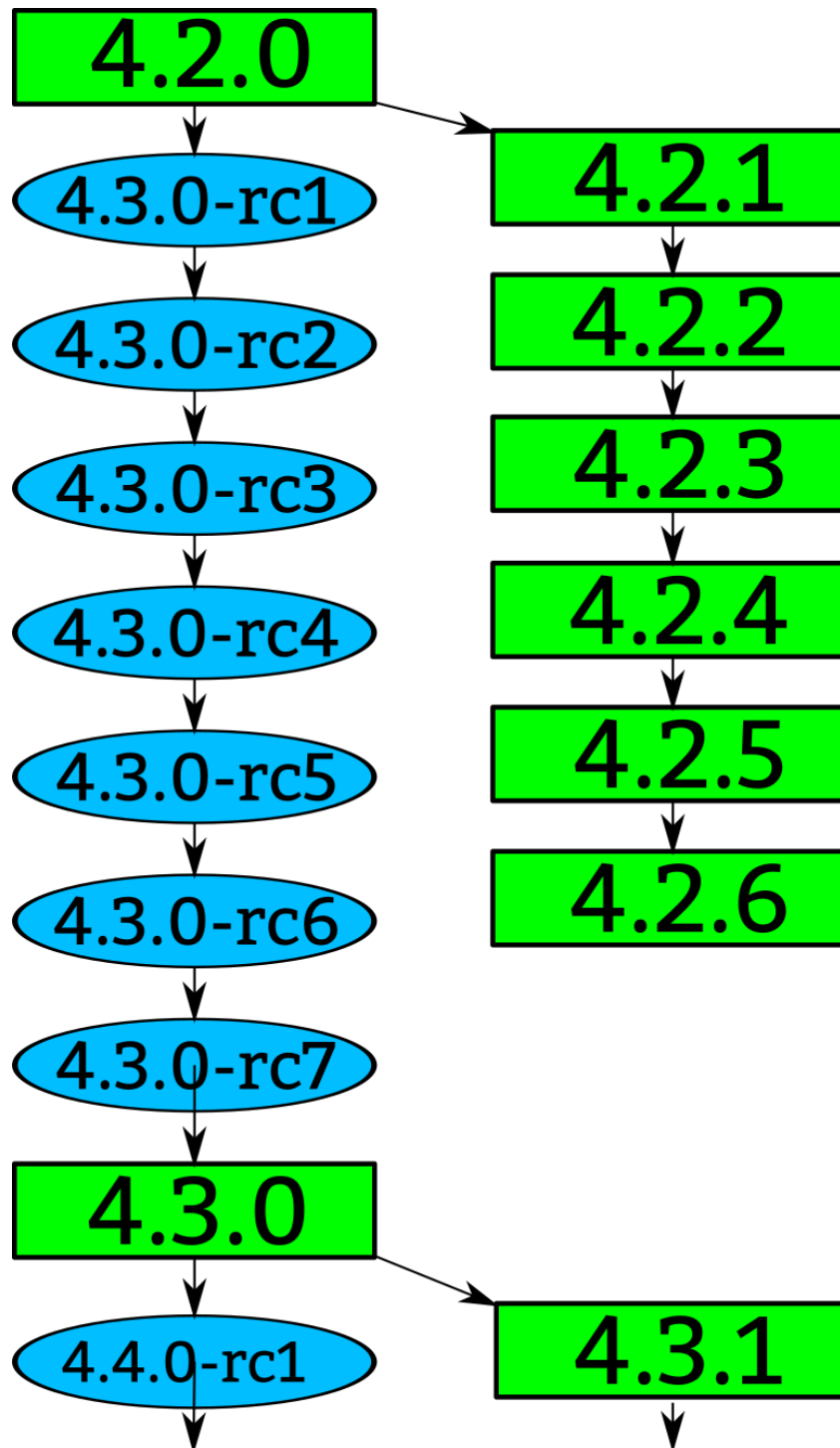


4.3.0



4.4.0-rc1





“Longterm kernels”

One picked per year

Maintained for two years

3.14 4.1 4.4

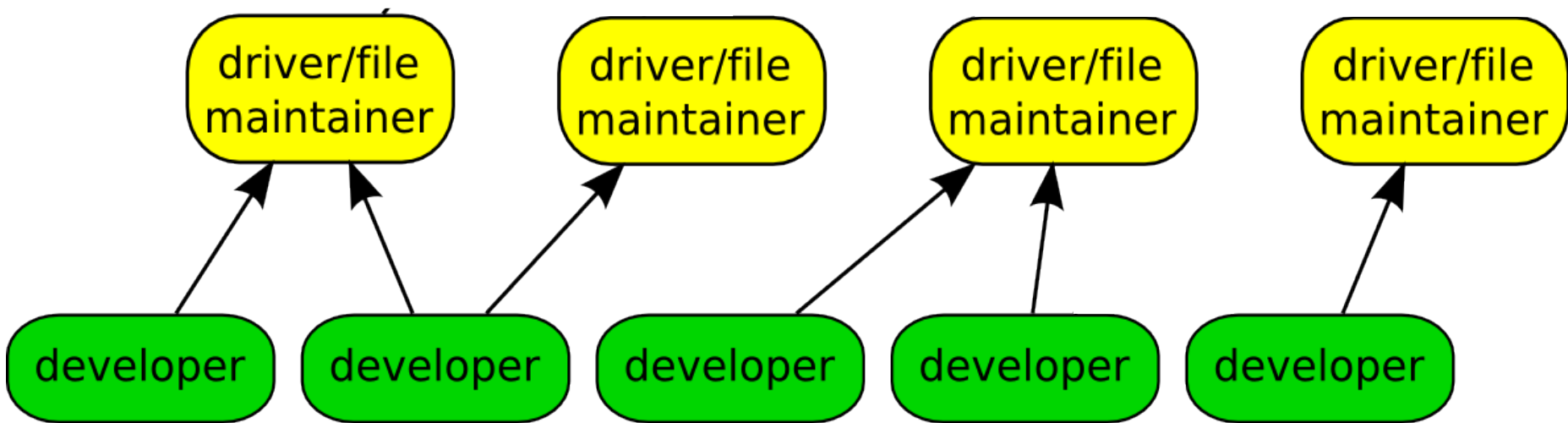
developer

developer

developer

developer

developer



commit ecf85e481a716cfe07406439fdc7ba9526bbfaeb
Author: Robert Jarzmik <robert.jarzmik@free.fr>
AuthorDate: Tue Apr 21 20:33:10 2009 -0700
Commit: Greg Kroah-Hartman <gregkh@suse.de>
CommitDate: Thu Apr 23 14:15:31 2009 -0700

USB: otg: Fix bug on remove path without transceiver

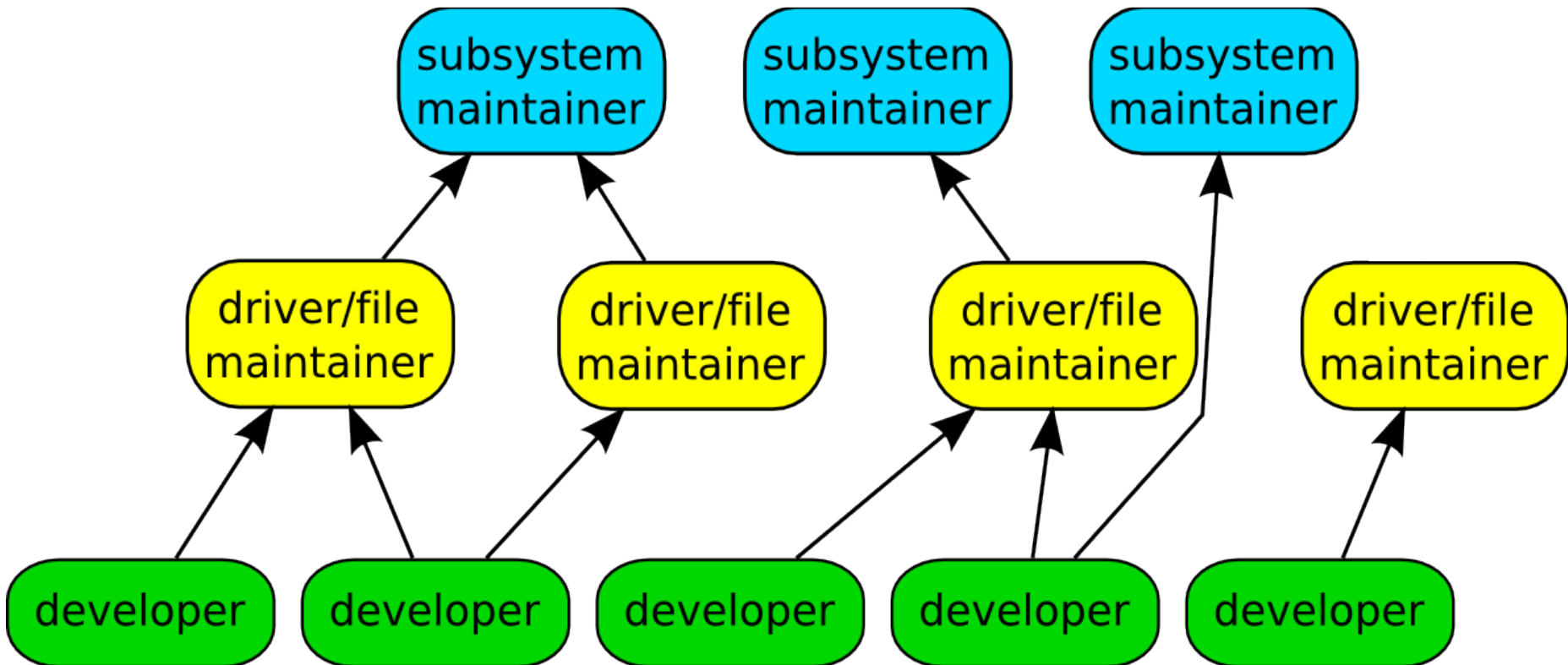
In the case where a gadget driver is removed while no transceiver was found at probe time, a bug in otg_put_transceiver() will trigger.

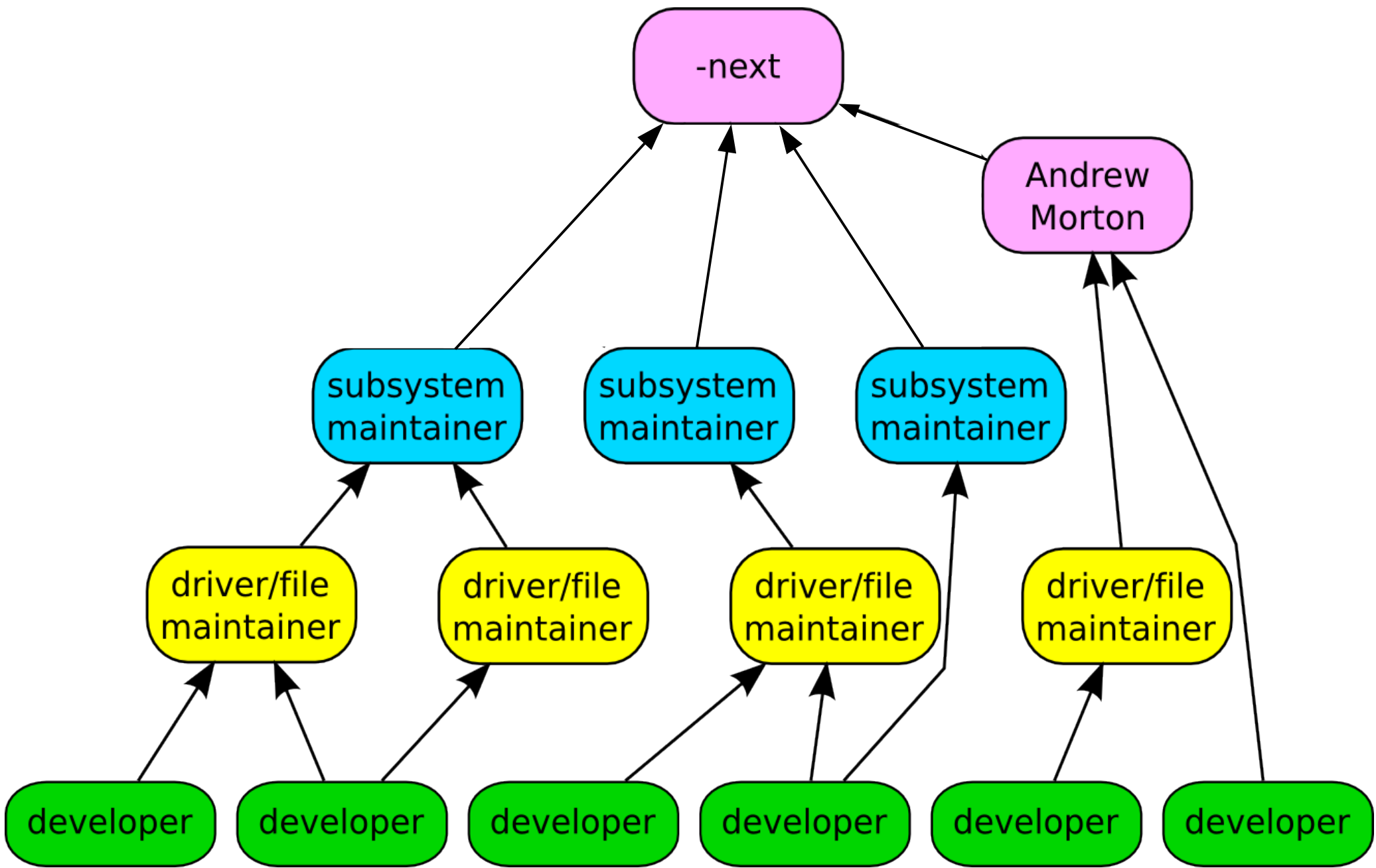
Signed-off-by: Robert Jarzmik <robert.jarzmik@free.fr>
Acked-by: David Brownell <dbrownell@users.sourceforge.net>
Signed-off-by: Greg Kroah-Hartman <gregkh@suse.de>

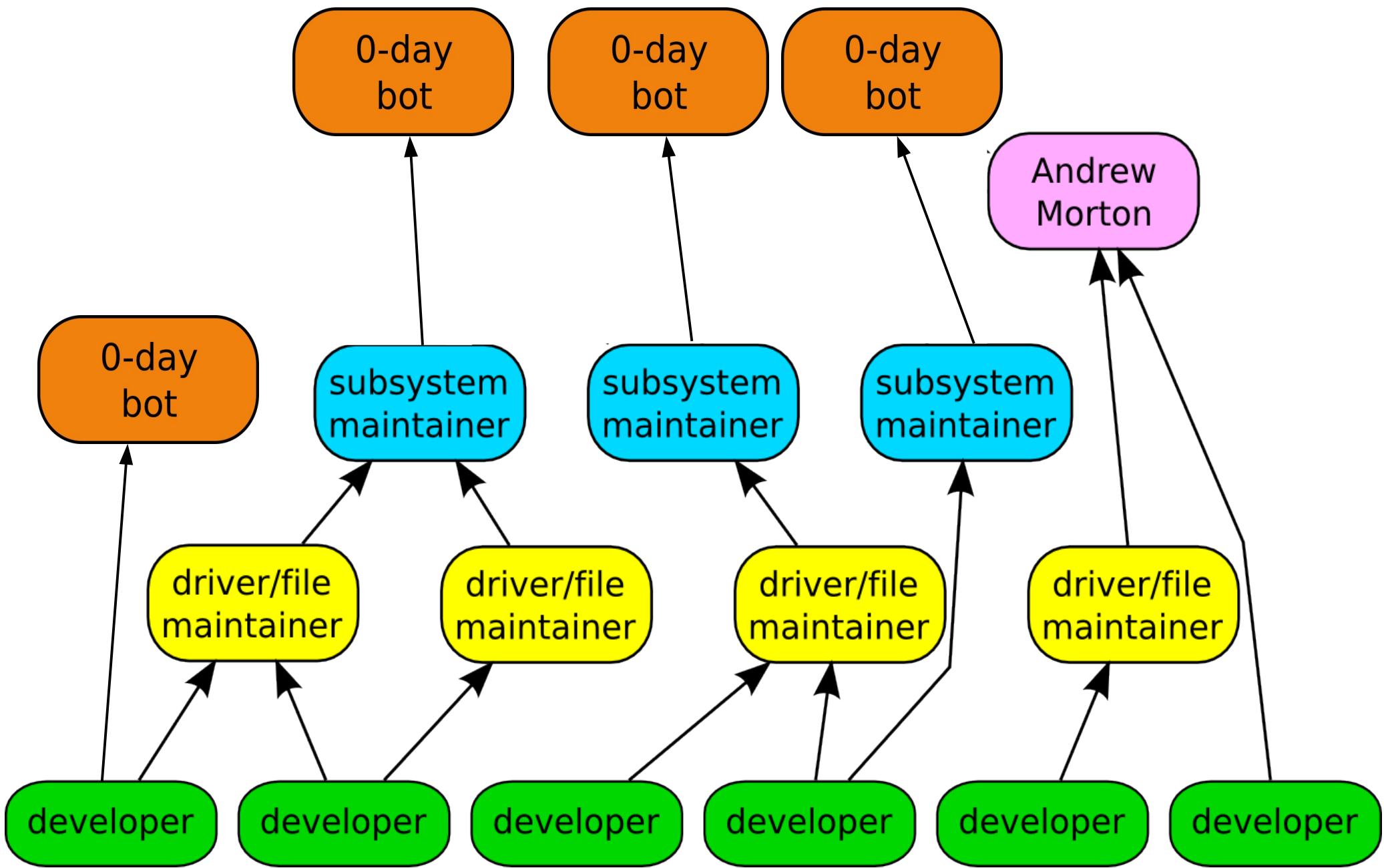
```
--- a/drivers/usb/otg/otg.c
+++ b/drivers/usb/otg/otg.c
@@ -43,7 +43,8 @@ EXPORT_SYMBOL(otg_get_transceiver);
 void otg_put_transceiver(struct otg_transceiver *x)
 {
-    put_device(x->dev);
+    if (x)
+        put_device(x->dev);
 }
```

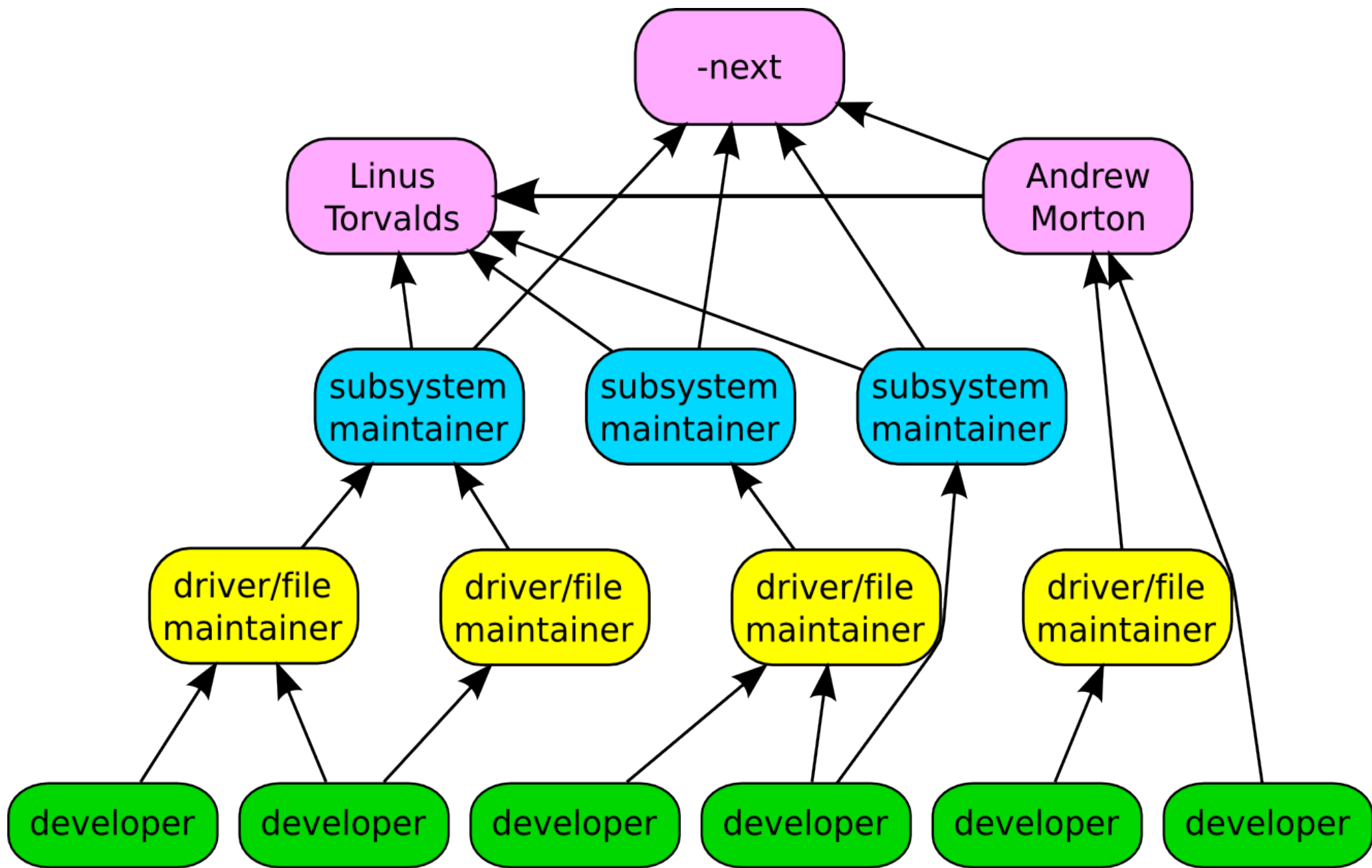
Developer's Certificate of Origin

- (a) I created this change; or
- (b) Based this on a previous work with a compatible license; or
- (c) Provided to me by (a), (b), or (c) and not modified
- (d) This contribution is public.











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