

Linux Kernel

Development model

i.e. semi-controlled chaos

Greg Kroah-Hartman
SuSE Labs / Novell
gregkh@suse.de

27,900 files
11,560,000 lines

2,868 developers
340 companies

10,900 lines added

5,500 lines removed

2,200 lines modified

10,900 lines added

5,500 lines removed

2,200 lines modified

per day 2008 - 2009

5.44 changes per hour

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>

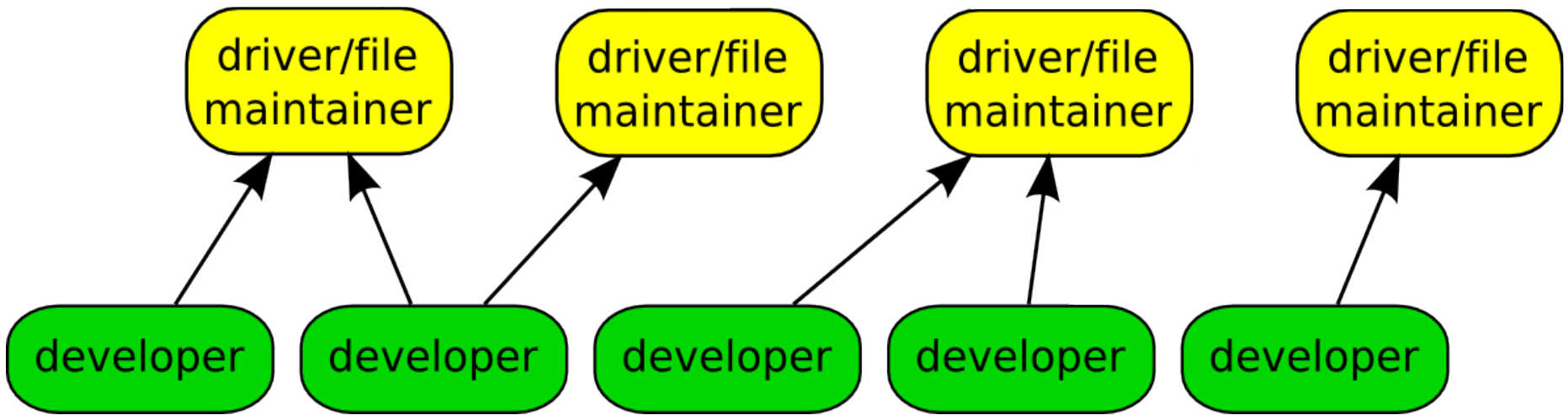
Acked-by: David Brownell
<dbrownell@users.sourceforge.net>

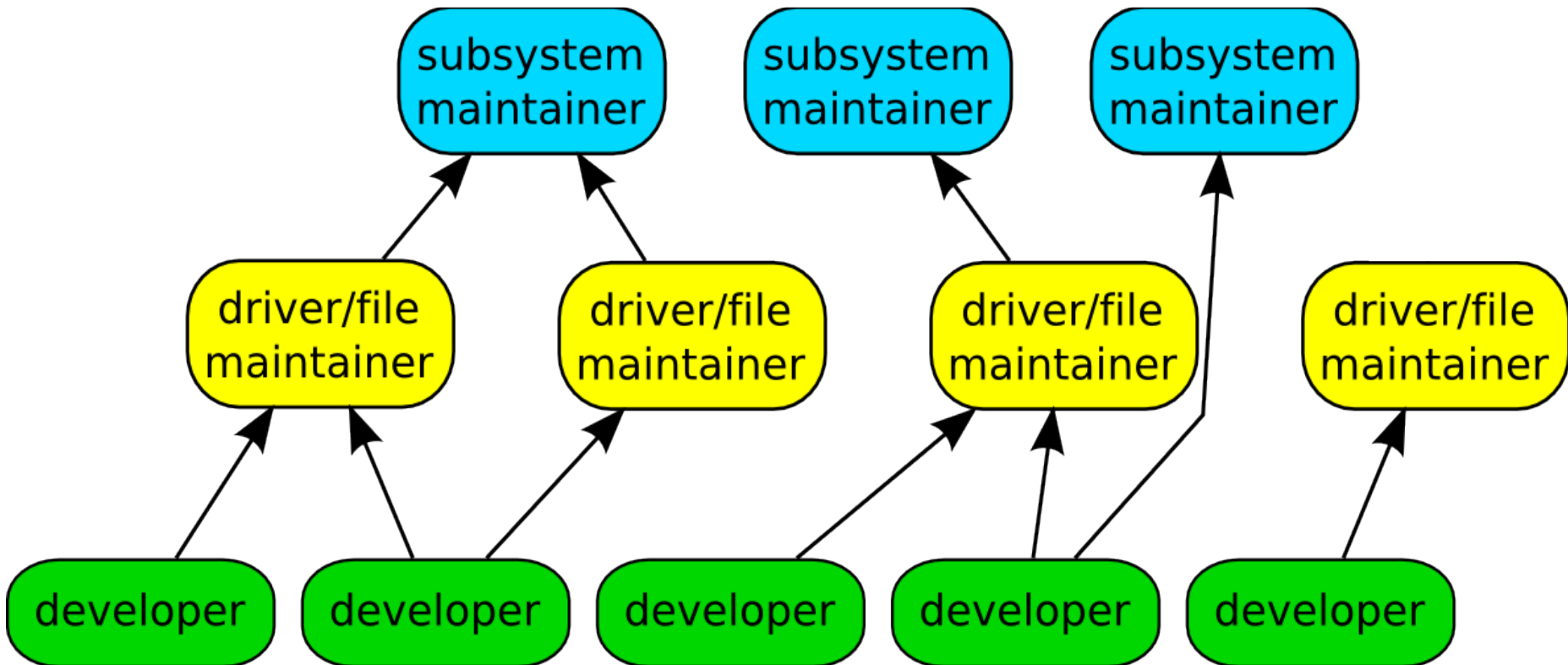
Signed-off-by: Greg Kroah-Hartman
<gregkh@suse.de>

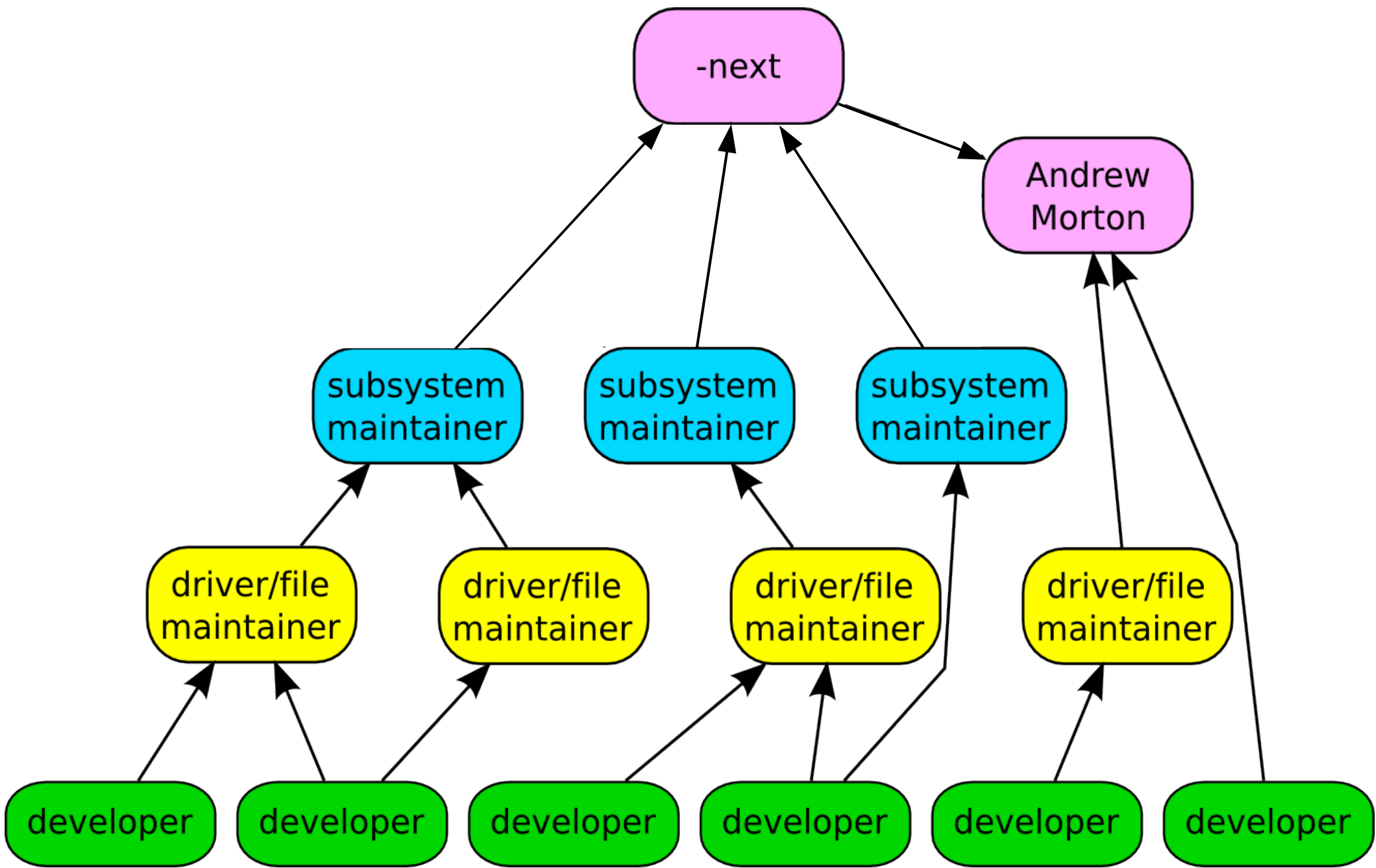
```
--- a/drivers/usb/otg/otg.c
+++ b/drivers/usb/otg/otg.c
@@ -43,7 +43,8 @@ EXPORT_SYMBOL(otg_get_transceiver);
```

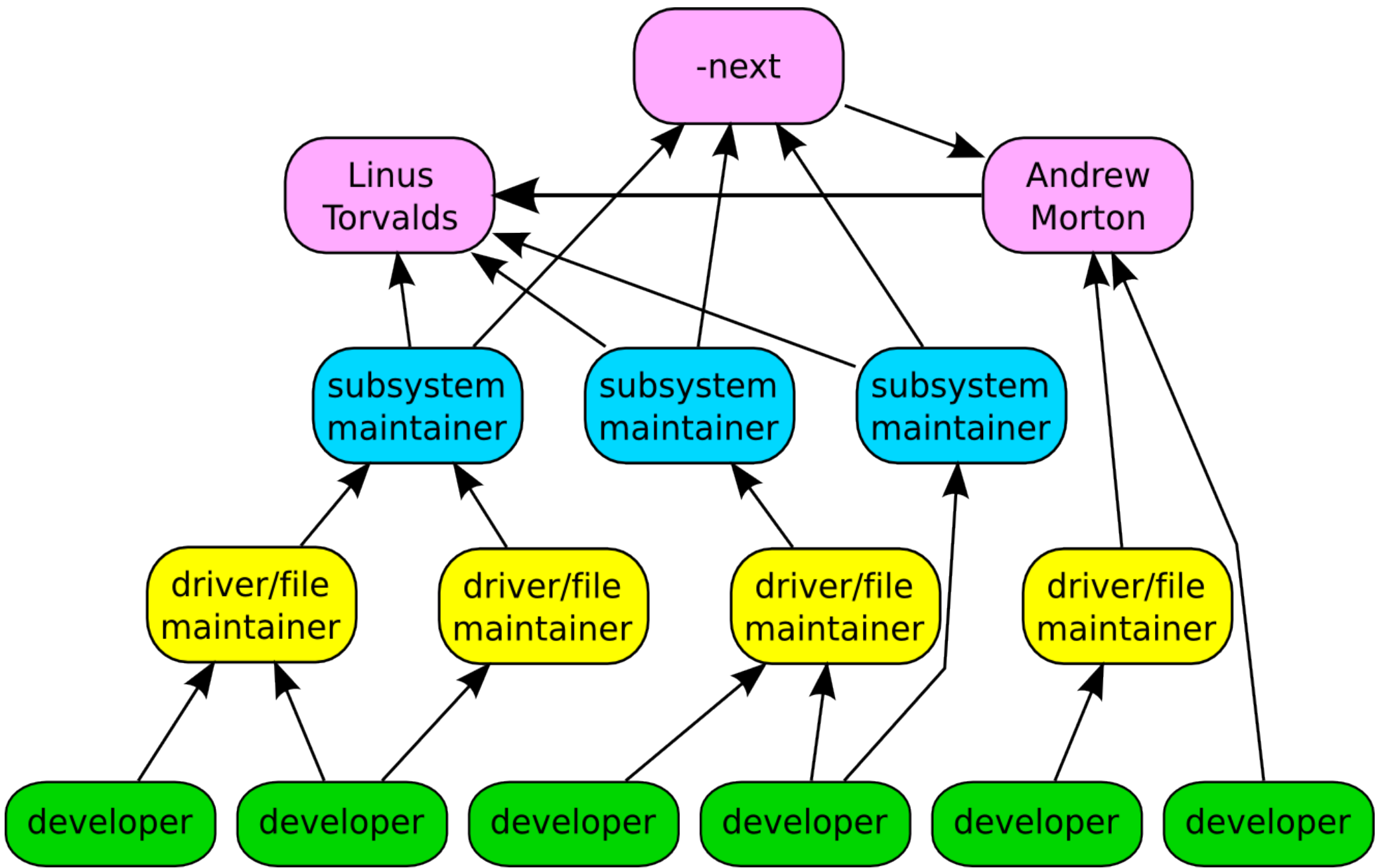

Developer's Certificate of Origin

- (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.



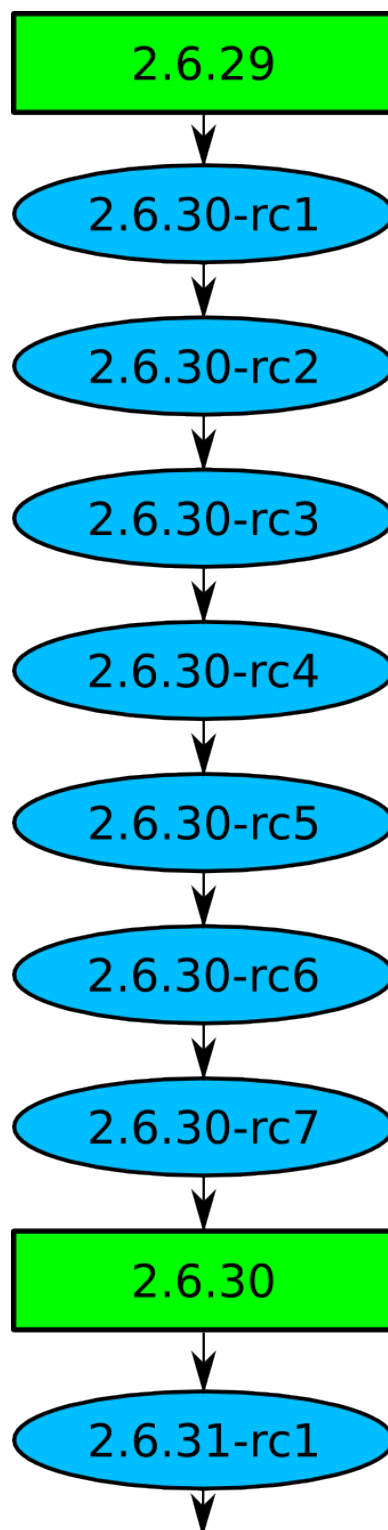


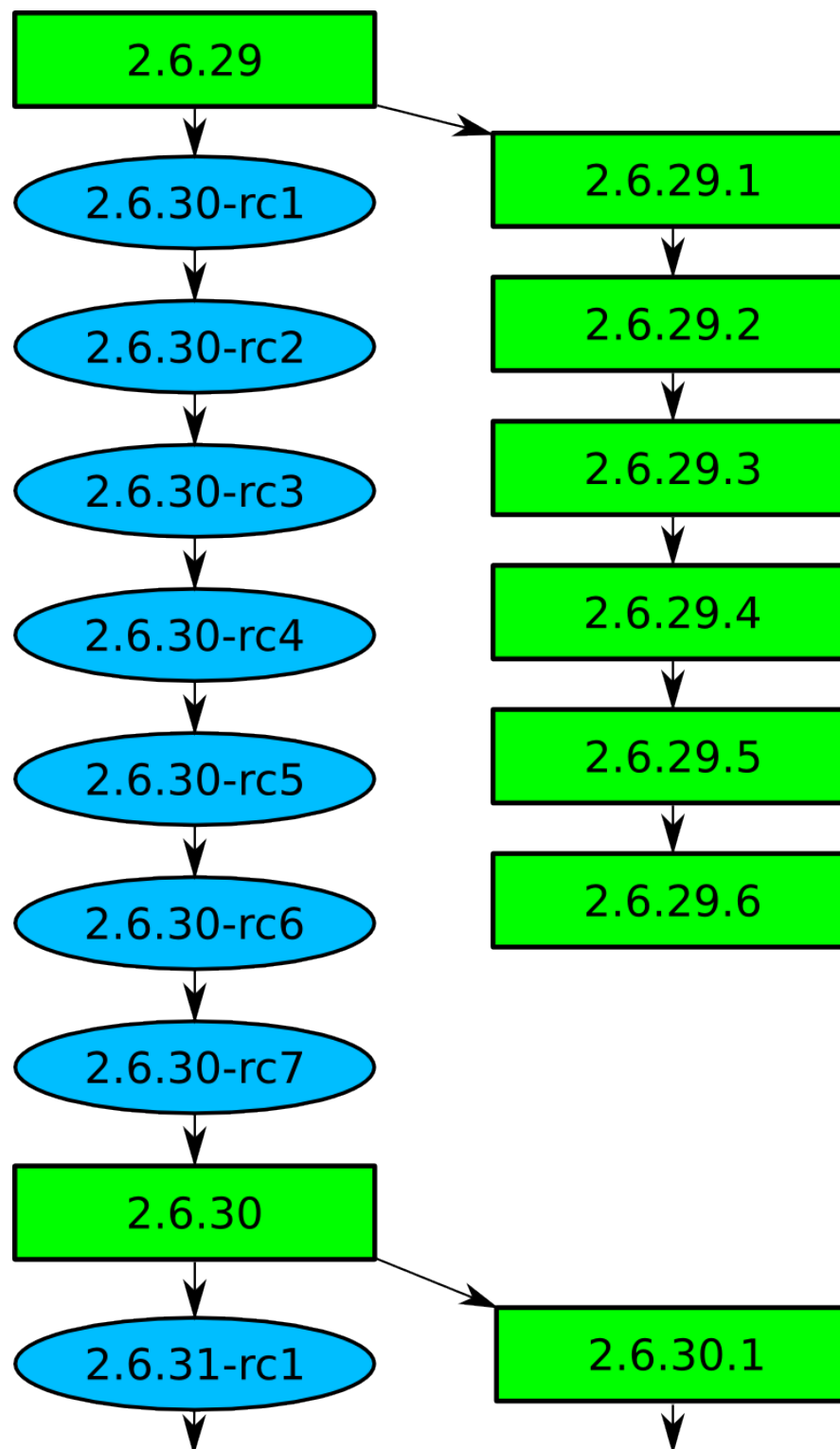






**New release every
 $2\frac{3}{4}$ months**





Top developers by quantity

Bart Zolnierkiewicz 1169

Ingo Molnar 1164

David S. Miller 851

Chris Mason 717

Takashi Iwai 711

Adrian Bunk 708

Harvey Harrison 669

Yinghai Lu 609

Greg Kroah-Hartman 608

Paul Mundt 570

Top Signed-off-by:

Ingo Molnar 7314

Linus Torvalds 7200

Andrew Morton 6811

David S. Miller 6800

Mauro Carvalho Chehab 3867

John Linville 3820

Greg Kroah-Hartman 2999

Thomas Gleixner 2100

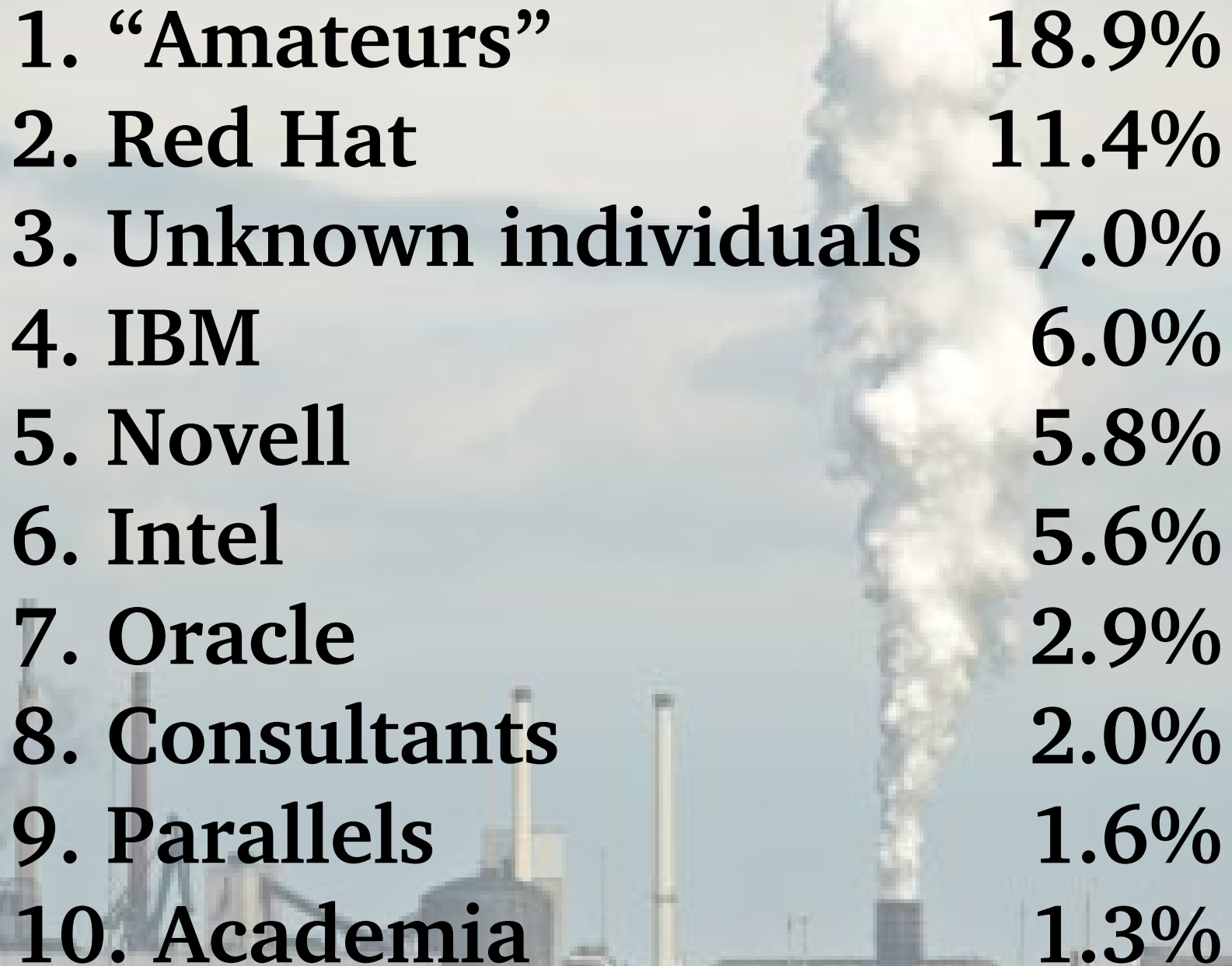
Jeff Garzik 1955

Takashi Iwai 1803

Who is funding this work?

- 1.
2. Red Hat 11.4%
- 3.
4. IBM 6.0%
5. Novell 5.8%
6. Intel 5.6%
7. Oracle 2.9%
8. Consultants 2.0%
9. Parallels 1.6%
10. Academia 1.3%

Who is funding this work?



1. “Amateurs”	18.9%
2. Red Hat	11.4%
3. Unknown individuals	7.0%
4. IBM	6.0%
5. Novell	5.8%
6. Intel	5.6%
7. Oracle	2.9%
8. Consultants	2.0%
9. Parallels	1.6%
10. Academia	1.3%

Getting involved

Getting involved

Documentation/HOWTO

Documentation/development-process

Getting involved

Kernel Newbies



Getting involved

Linux Driver Project

`drivers/staging/*/TODO`

**Total world domination is
proceeding as planned.**





