

# Linux Kernel

## Development model

i.e. semi-controlled chaos

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

**31,550 files**  
**12,900,000 lines**

**2,455 developers**  
**340 companies**

**11,600 lines added**

**5,000 lines removed**

**2,300 lines modified**

**11,600 lines added**  
**5,000 lines removed**  
**2,300 lines modified**  
  
**per day for all of 2009**

# 5.51 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.

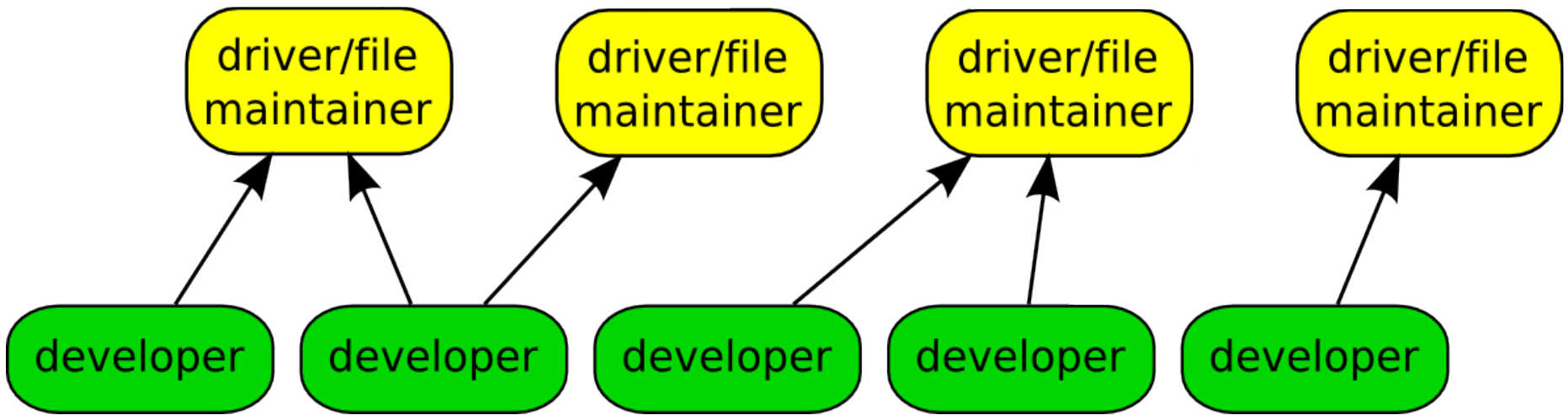
Signed-off-by: Robert Jarzmik <robert.jarzmik@free.fr>  
Acked-by: David Brownell <dbrownell@users.sourceforge.net>  
Signed-off-by: Greg Kroah-Hartman <gregkh@suse.de>

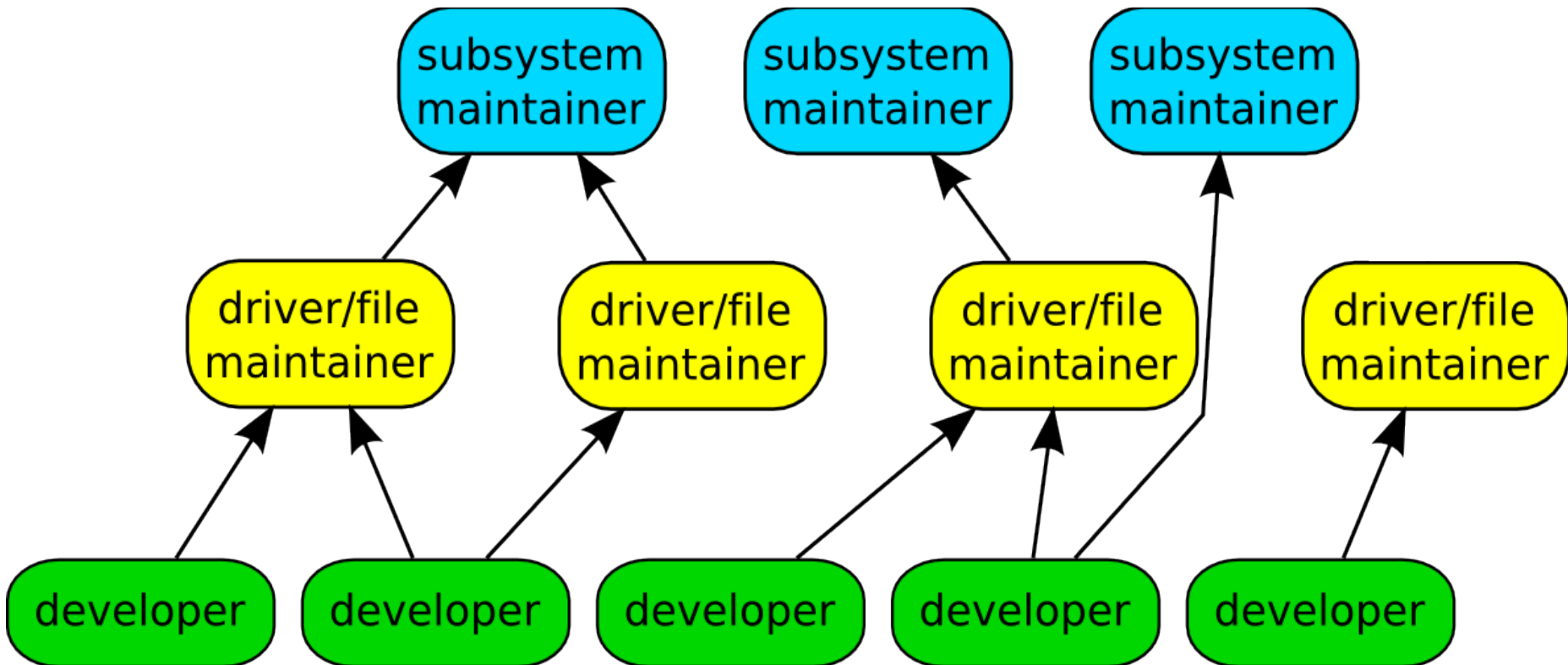
```
--- a/drivers/usb/otg/otg.c
+++ b/drivers/usb/otg/otg.c
@@ -43,7 +43,8 @@ EXPORT_SYMBOL(otg_get_transceiver);
 void otg_put_transceiver(struct otg_transceiver *x)
 {
-    put_device(x->dev);
+    if (x)
+        put_device(x->dev);
 }
```

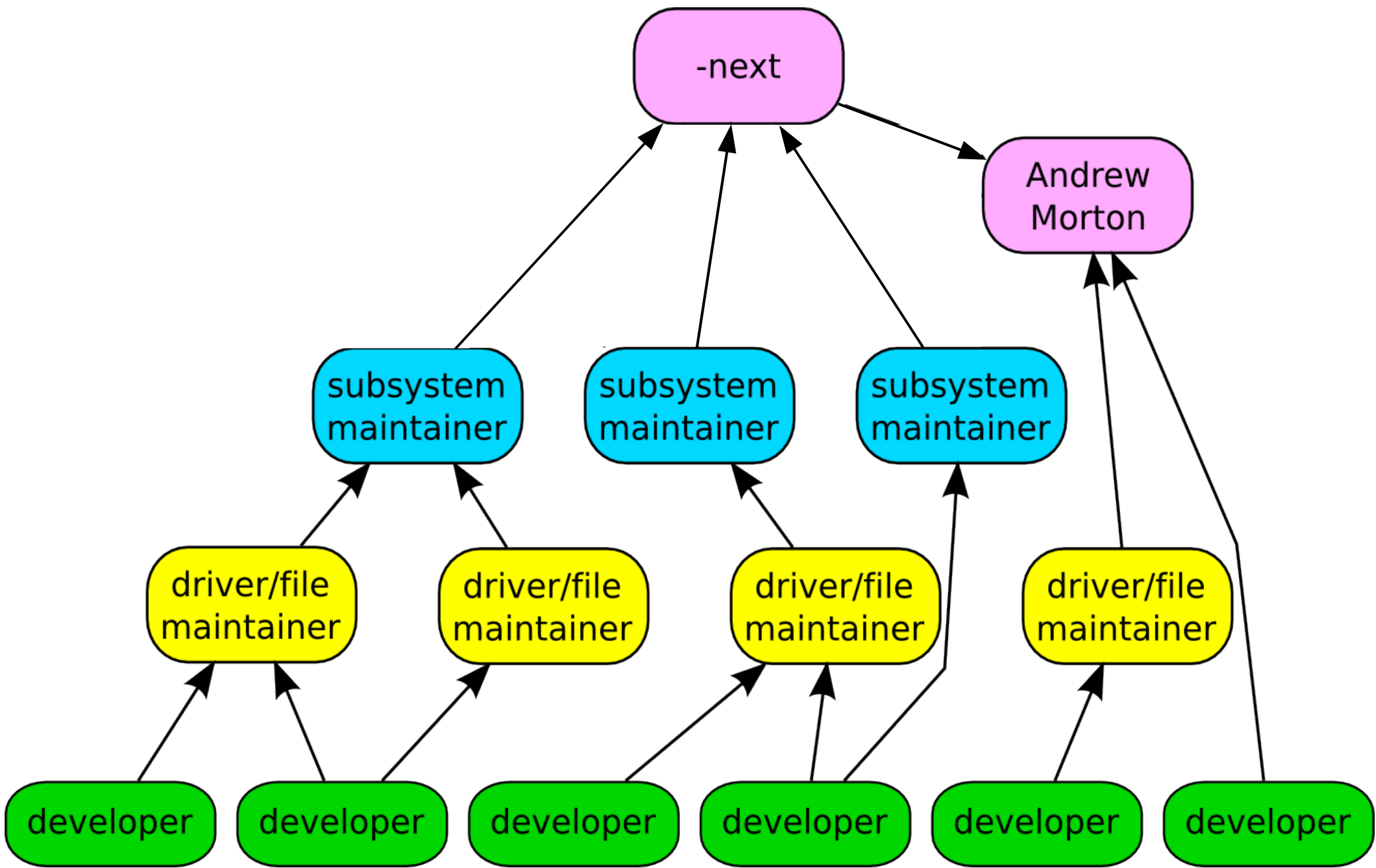


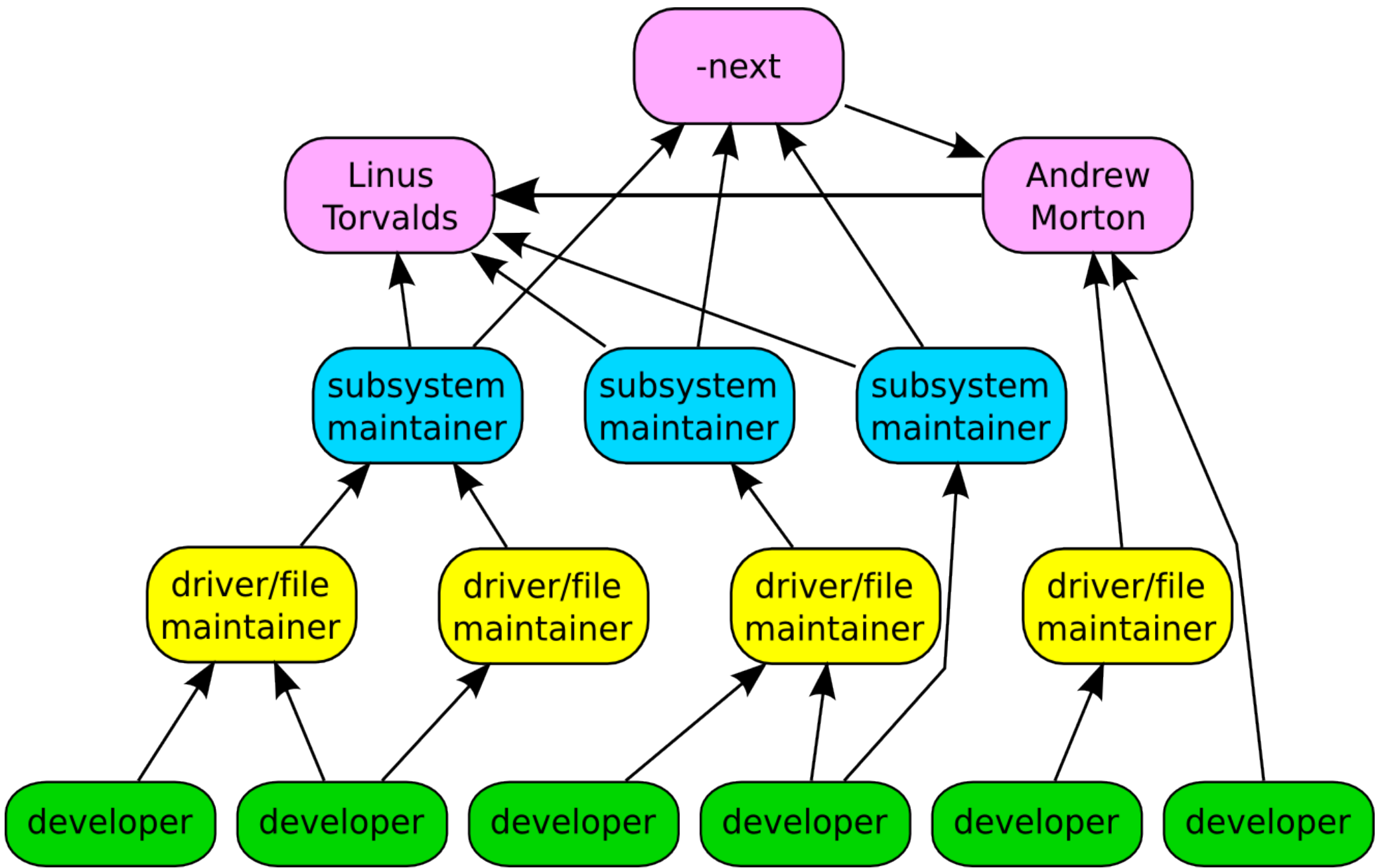
# Developer's Certificate of Origin

- (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.



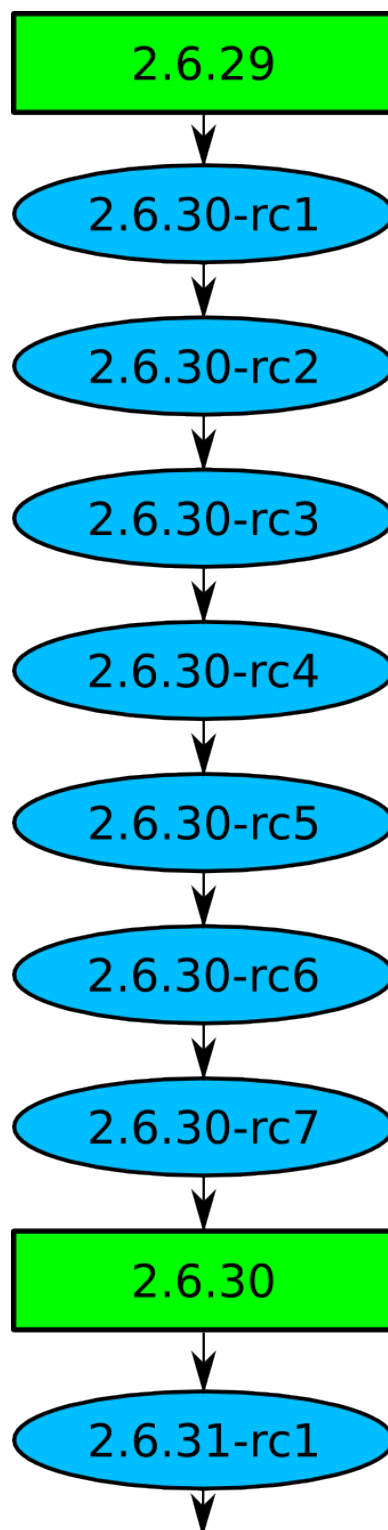


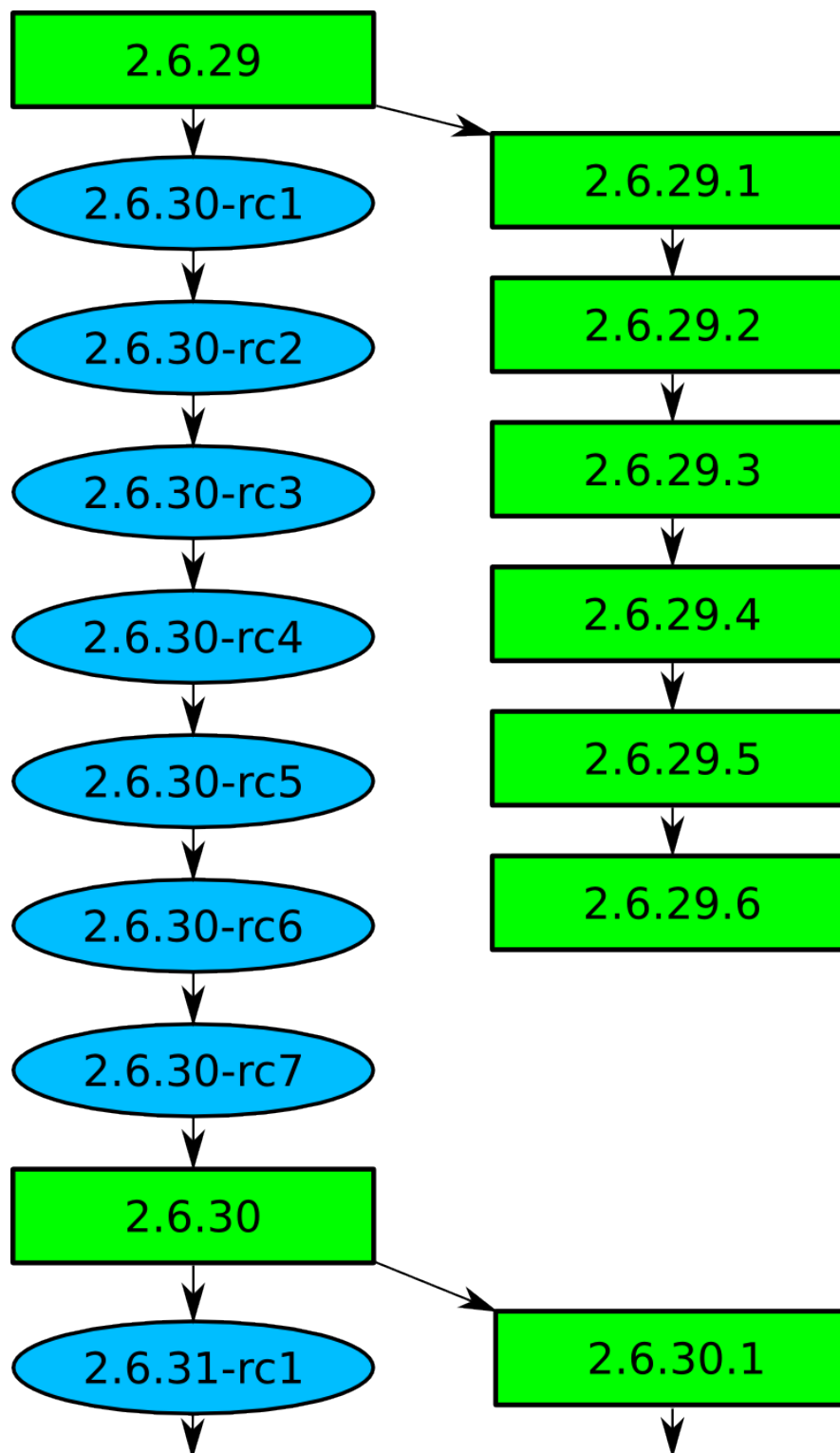






**New release every  
 $2\frac{3}{4}$  months**







# Top developers by quantity

Ingo Molnar 718

Bart Zolnierkiewicz 627

Takashi Iwai 552

Johannes Berg 499

Paul Mundt 485

Greg Kroah-Hartman 476

Peter Zijlstra 465

Steven Rostedt 430

Mark Brown 421

Roel Kluin 393

# 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

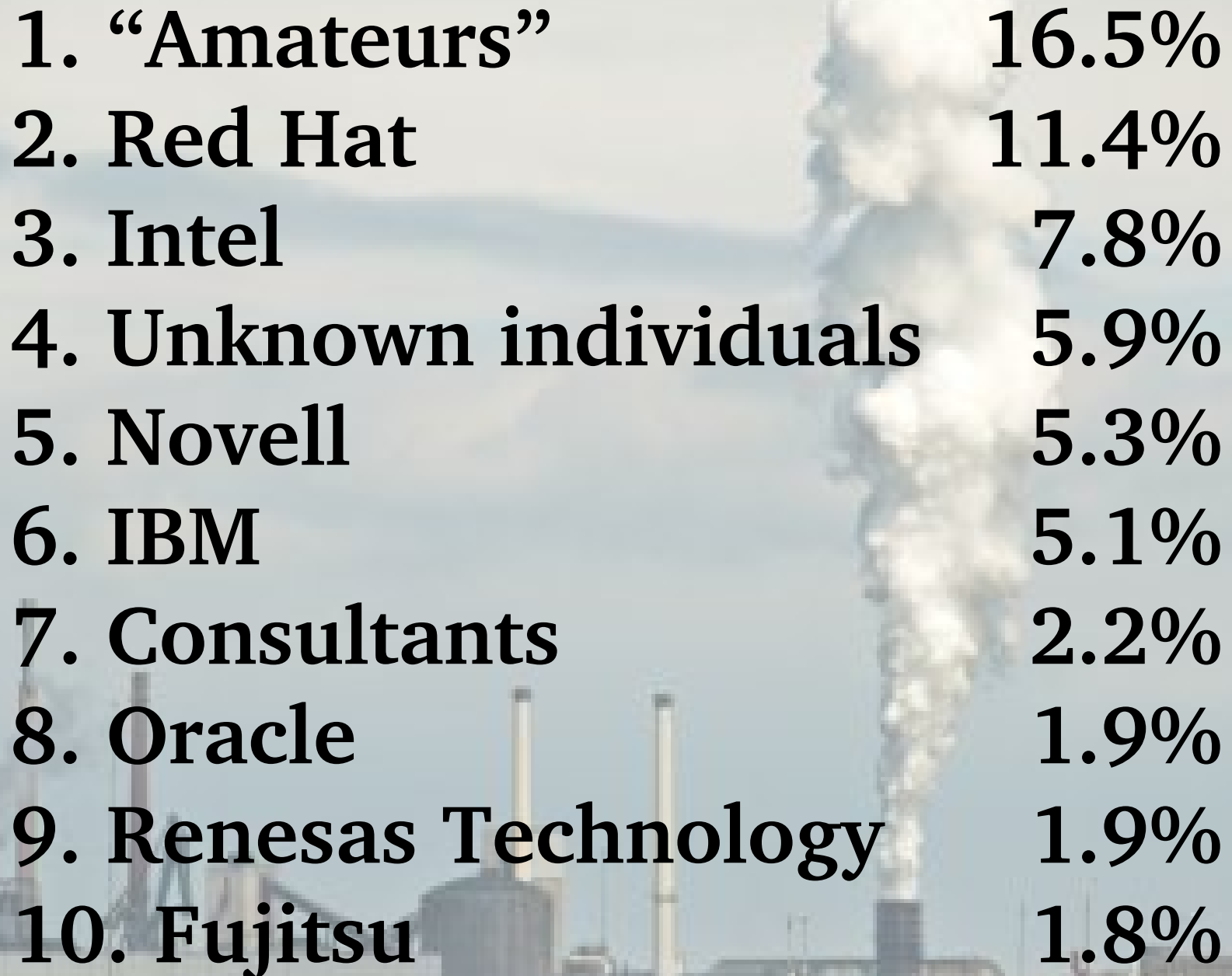
Jeff Garzik 1955

Takashi Iwai 1803

# Who is funding this work?

- 1.
2. Red Hat 11.4%
3. Intel 7.8%
- 4.
5. Novell 5.3%
6. IBM 5.1%
7. Consultants 2.2%
8. Oracle 1.9%
9. Renesas Technology 1.9%
10. Fujitsu 1.8%

# Who is funding this work?

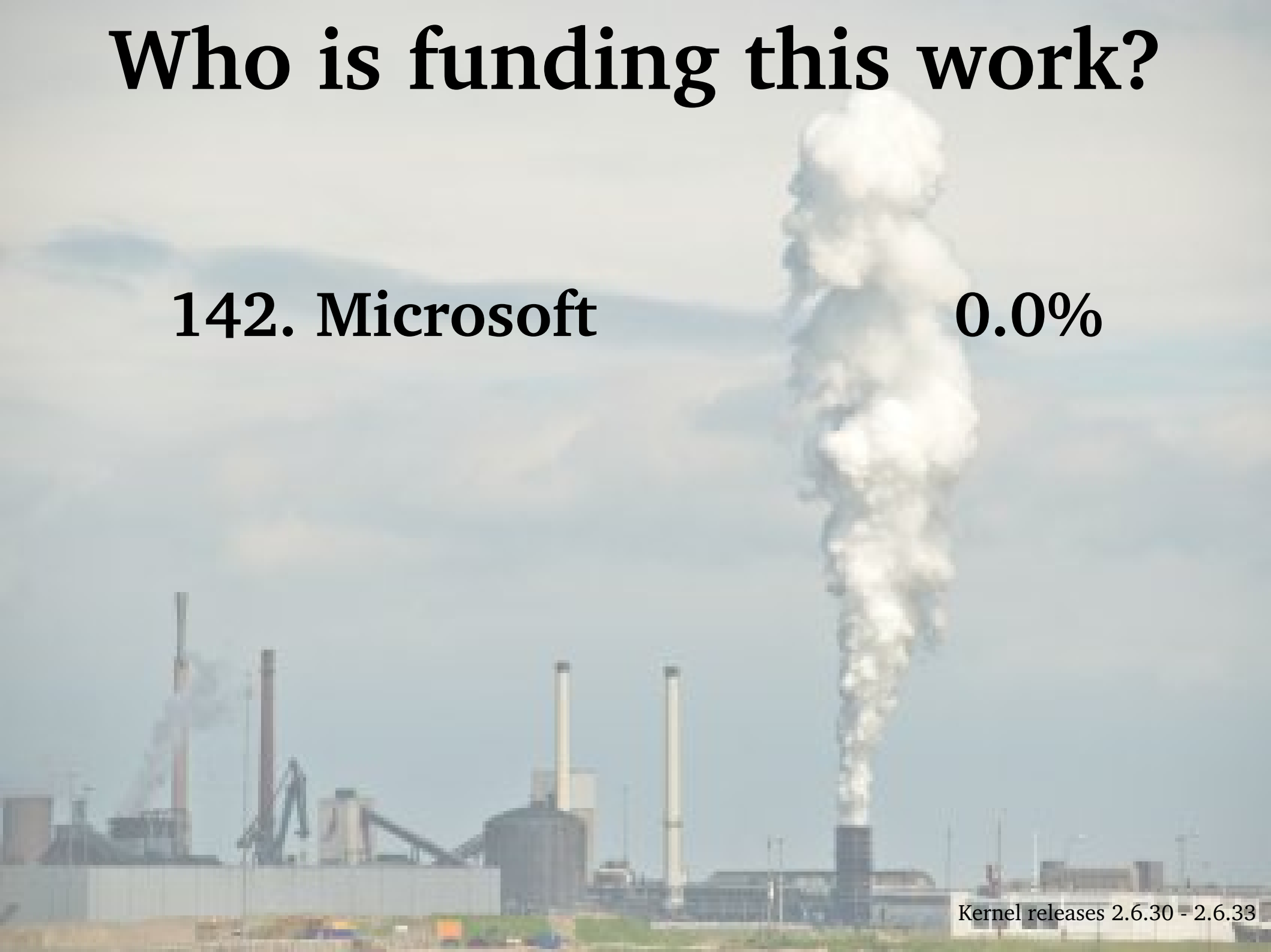


1. “Amateurs”	16.5%
2. Red Hat	11.4%
3. Intel	7.8%
4. Unknown individuals	5.9%
5. Novell	5.3%
6. IBM	5.1%
7. Consultants	2.2%
8. Oracle	1.9%
9. Renesas Technology	1.9%
10. Fujitsu	1.8%

# Who is funding this work?

**142. Microsoft**

**0.0%**



# Getting involved

# Getting involved

**Documentation/HOWTO**

**Documentation/development-process**

# Getting involved

**Kernel Newbies**





# Getting involved

## Linux Driver Project

`drivers/staging/*/TODO`



