Linux Kernel Development

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37,617 files 14,998,000 lines

2,823 developers 379 companies

12,300 lines added 8,800 lines removed 2,300 lines modified

12,300 lines added 8,800 lines removed 2,300 lines modified

per day for all of 2011

5.77 changes per hour

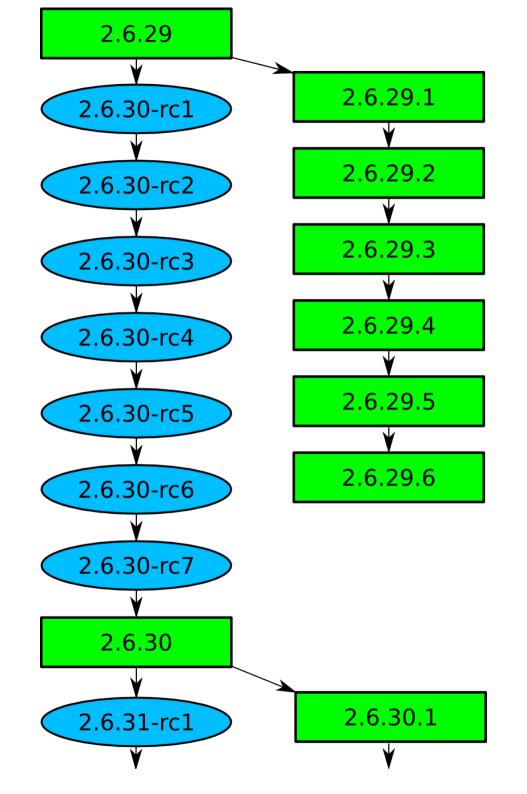
How we stay sane

Time based releases Incremental changes

How we stay sane

Time based releases Incremental changes









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);
```

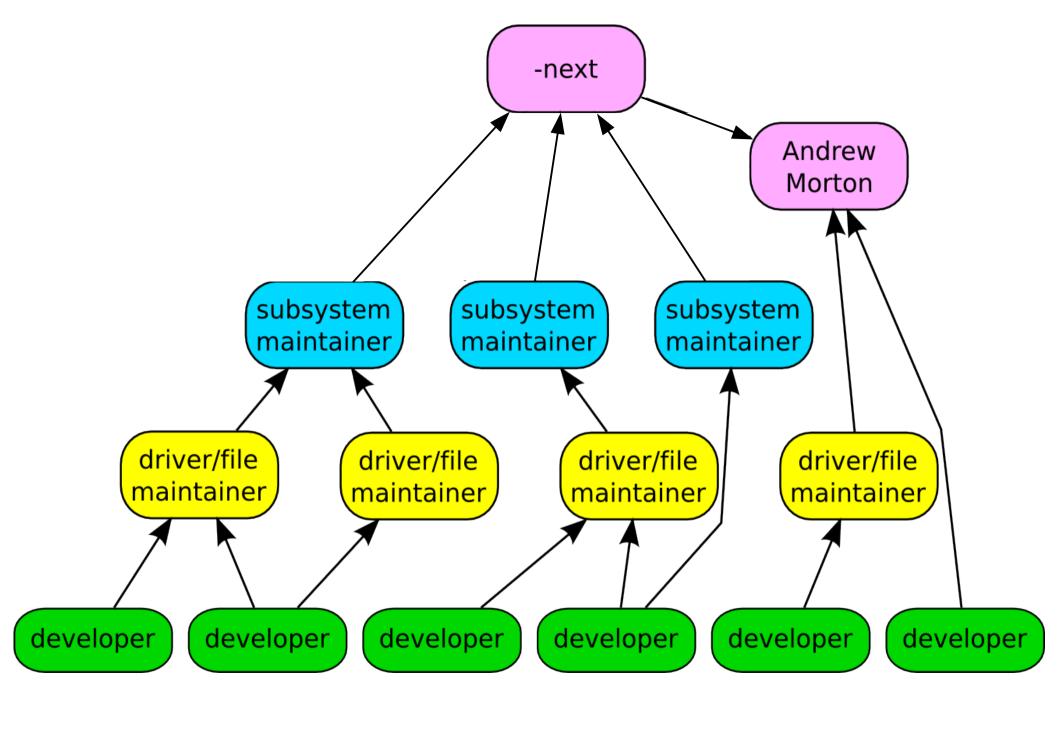
Developer's Certificate of Origin

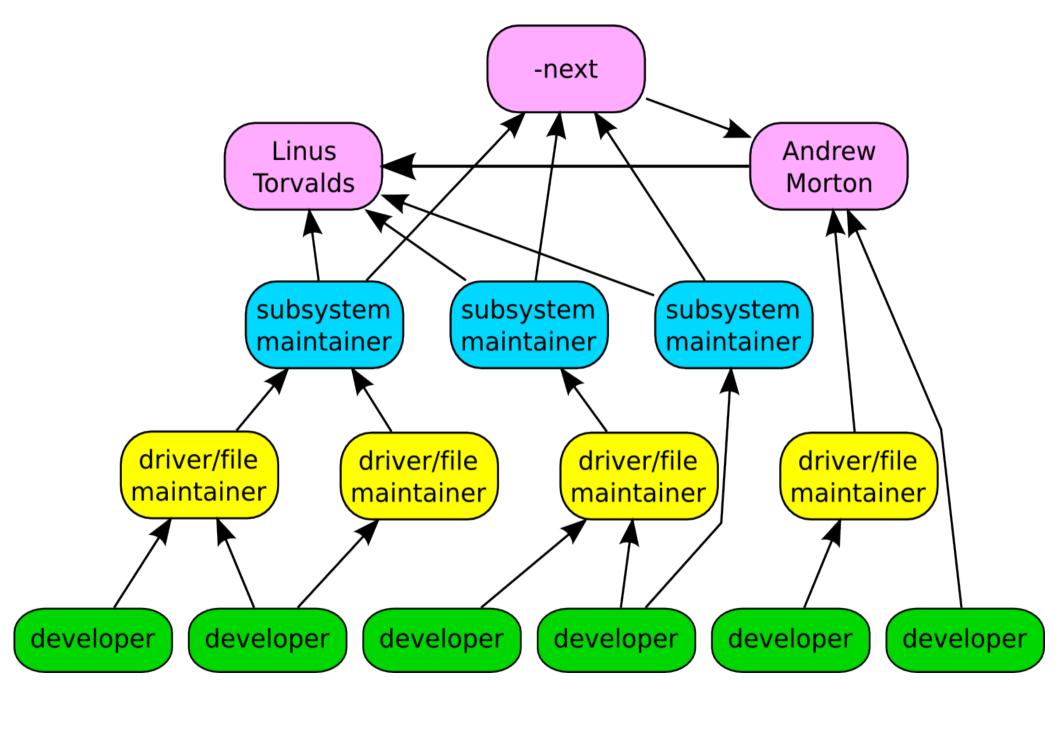
- (a) I created this change; or
- (b) Based this on a previous work with a compatible license; or
- (c) Provided to me by (a), (b), or (c) and not modified

(d) This contribution is public.









Top developers by quantity Mark Brown 743 Thomas Gleixner K. Y. Srinivasan 588 David Miller 533 Joe Perches 493 **Axel Lin** AAAAl Viro 426 Russell King 426 Takashi Iwai 409 Ben Skeggs 408 Kernel releases 2.6.37 – 3.2.0

Top Signed-off-by Greg Kroah-Hartman 5807 David S. Miller 4047 John Linville 3024 Mauro Carvalho Chehab 2237 Linus Torvalds 2120 Mark Brown 1704 Andrew Morton 1642 James Bottomley 1110 Takashi Iwai Russell King

Who is funding this work?

1.

2. Red Hat

3. Intel

4.

5. Novell

6. IBM

7. Texas Instruments

8. Broadcom

9. Consultants

10. Nokia

10.3%

7.3%

4.0%

3.6%

3.4%

2.9%

2.4%

1.8%

Who is funding this work?

1. "Amateurs"	15.9%
2. Red Hat	10.3%
3. Intel	7.3%
4. Unknown Individuals	4.4%
5. Novell	4.0%
6. IBM	3.6%
7. Texas Instruments	3.4%
8. Broadcom	2.9%
9. Consultants	2.4%
10. Nokia	1.8%

Kernel releases 2.6.37 - 3.2.0

Run the kernel.org release on your machine

Documentation/HOWTO

Documentation/development-process

kernelnewbies.org



Linux Driver Project

drivers/staging/*/TODO



Kernel development changes

17 years ago...

Linux 2.0.0

4 months later:

Linux 2.1.0

Linux branches

Even number stable Odd number development

848 days and 141 releases later...

Linux 2.2.0

4 months later:

Linux 2.3.0

604 days and 58 releases later...

Linux 2.4.0

10 months later:

Linux 2.5.0

1057 days and 86 releases later...

Linux 2.6.0

2796 days and 39 releases later...

Linux 3.0.0