

The logo features the text 'OLF Live' in a large, white font. 'OLF' is in a bold, blocky, sans-serif font, while 'Live' is in a white, cursive script font. Below this, the words 'MENTORSHIP SERIES' are written in a smaller, white, all-caps, sans-serif font. The background is a solid blue color with a dark blue geometric shape in the upper right corner.

OLF *Live*
MENTORSHIP SERIES



Best Practices to Getting Your Patches Accepted

Greg Kroah-Hartman
gregkh@linuxfoundation.org

I don't want your code

or

Linux Kernel Maintainers,
why are they so grumpy?

Greg Kroah-Hartman

gregkh@linuxfoundation.org

git.sr.ht/~gregkh/presentation-linux-maintainer

69,970 files
29,460,000 lines

4,659 developers
450+ companies

Kernel releases 5.4.0 – 5.9.0
September 2019 – October 2020

8,300 lines added

2,400 lines removed

2,100 lines modified

8,300 lines added

2,400 lines removed

2,100 lines modified

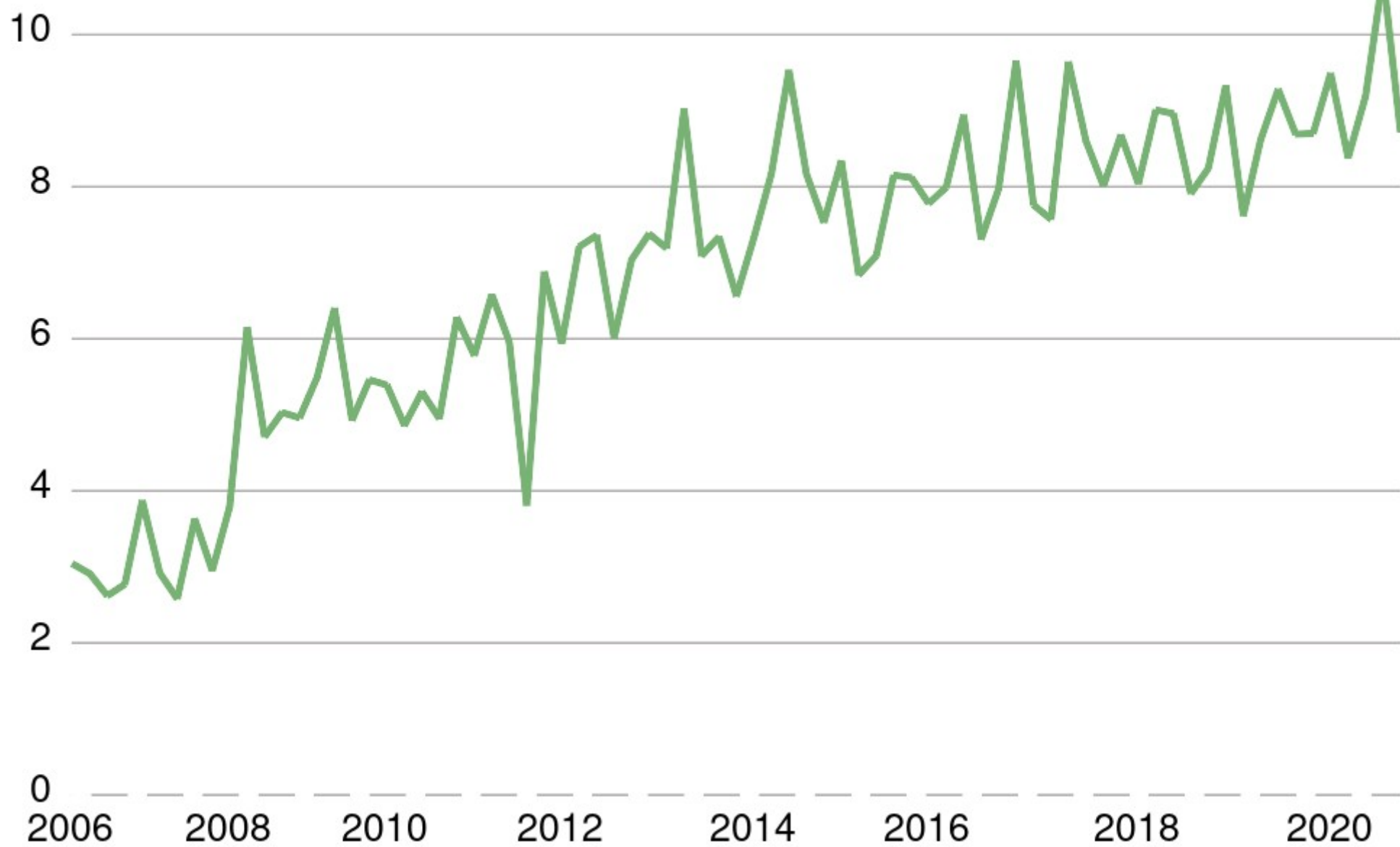
Every day

9.2 changes per hour

10.8 changes per hour

5.8 release

Patches merged per hour



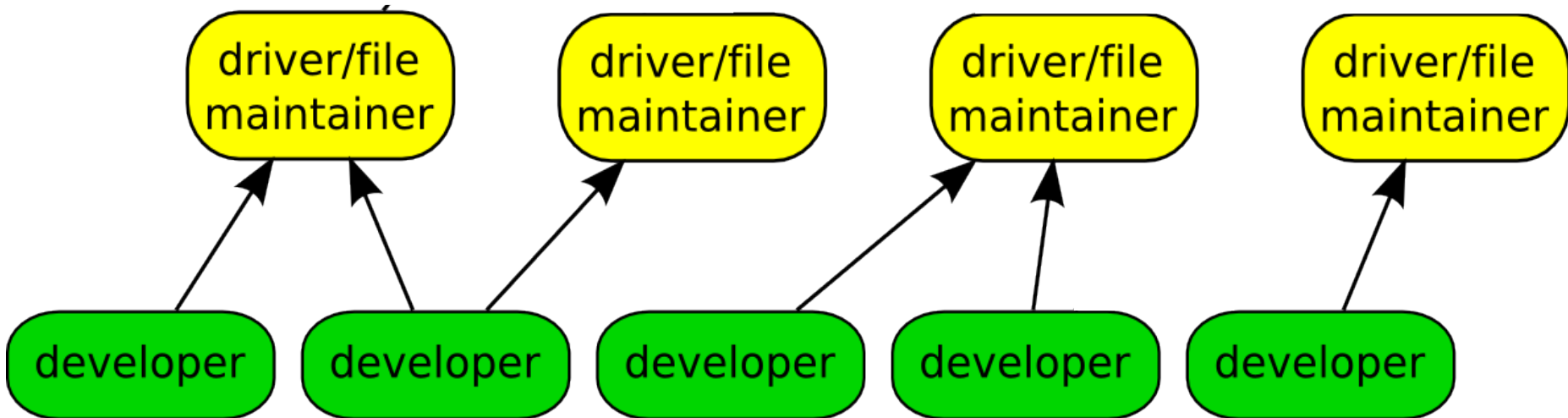
developer

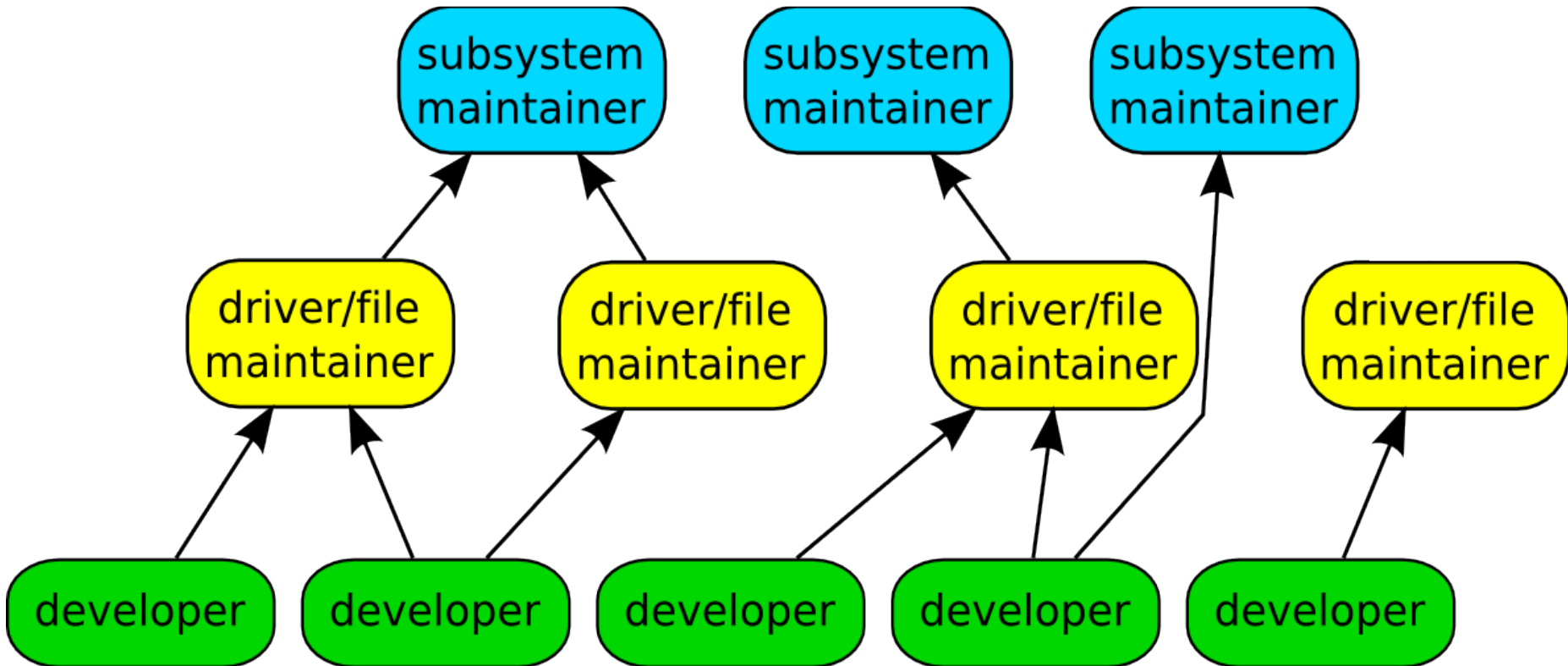
developer

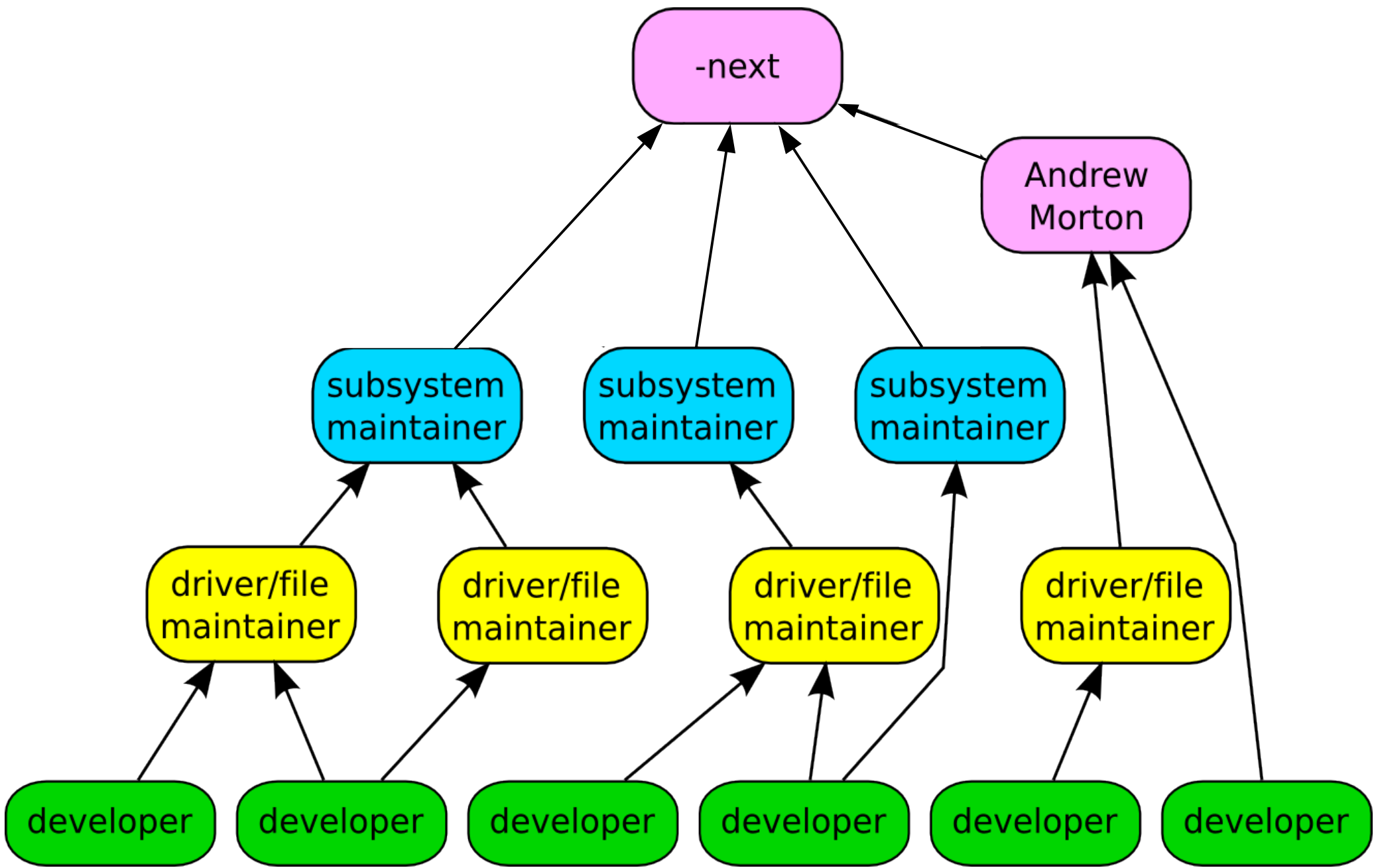
developer

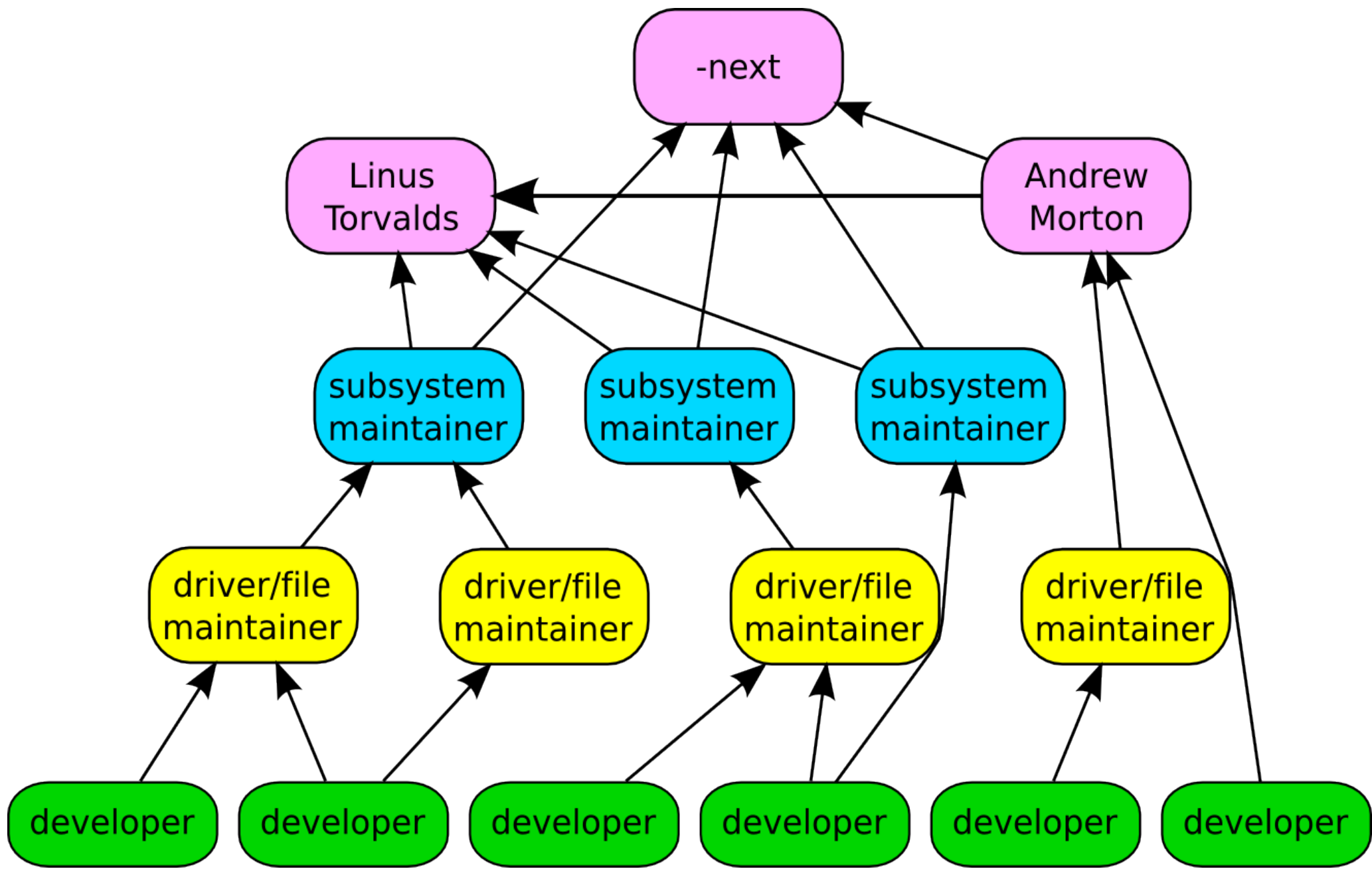
developer

developer









Top developers by quantity

Chris Wilson	1377
Christoph Hellwig	1195
Mauuro Carvalho Chehab	832
Takashi Iwai	740
Andy Shevchenko	739
YueHaibing	692
Colin Ian King	671
Geert Uytterhoeven	590
Masahiro Yamada	523
Gustavo Silva	567

Top Signed-off-by:

David S. Miller	8446
Greg Kroah-Hartman	5028
Alex Deucher	4323
Mark Brown	3565
Mauro Carvalho Chehab	2596
Linus Torvalds	2446
Andrew Morton	2218
Chris Wilson	1884
Jens Axboe	1787
Martin Petersen	1639

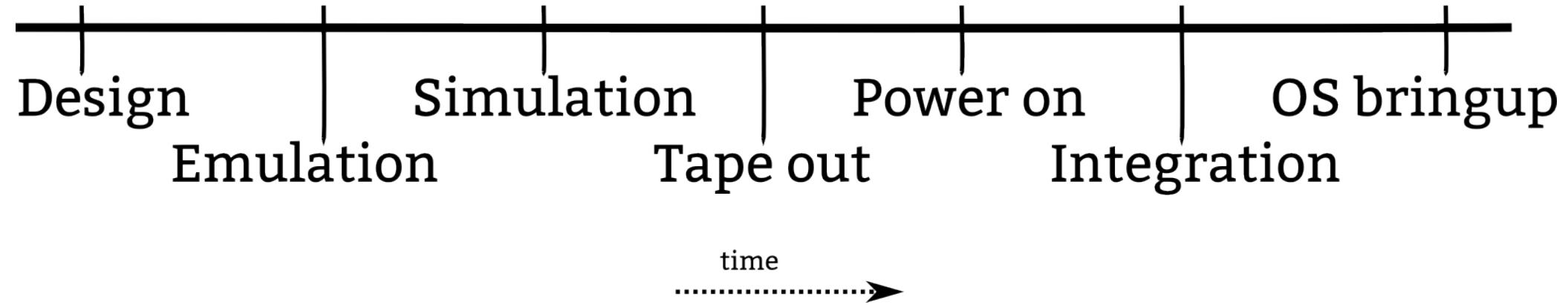
Who is funding this work?

1. “Amateurs”	13.5%
2. Intel	11.6%
3. Red Hat	6.6%
4. AMD	4.9%
5. Huawei	4.8%
6. Google	4.7%
7. Linaro	3.8%
8. SUSE	3.6%
9. IBM	3.1%
10. “Consultants”	2.7%

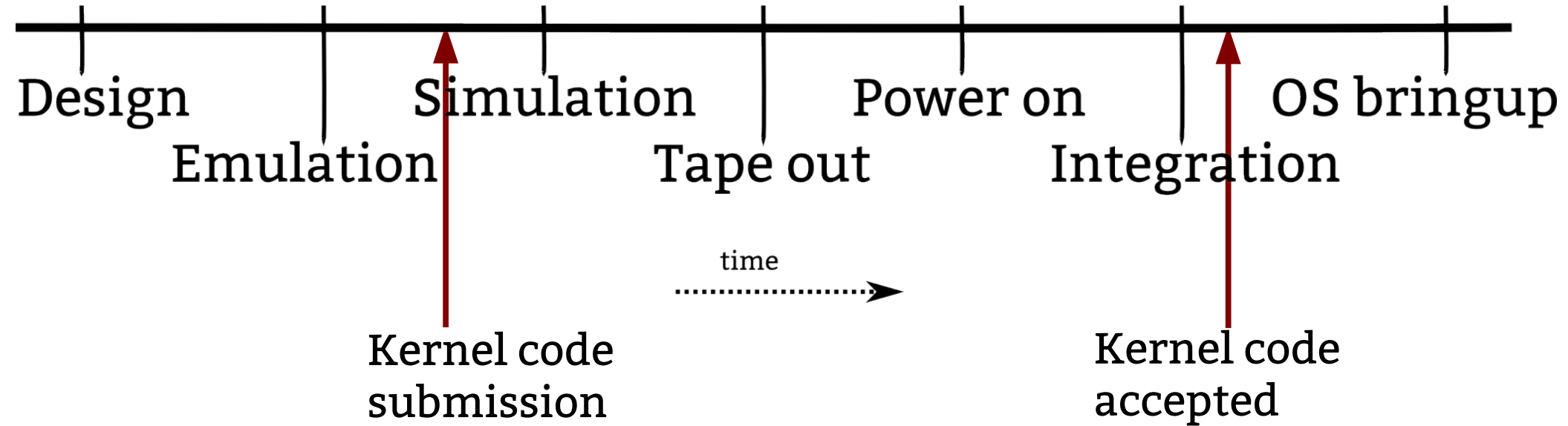
Who is funding this work?

11. Mellanox	2.5%
12. NXP Semiconductors	2.2%
13. Renesas Electronics	2.2%
14. Facebook	2.0%
15. ARM	1.8%
16. Oracle	1.3%
17. Texas Instruments	1.2%
18. Code Aurora (Qualcomm)	1.2%
19. Linux Foundation	1.2%
20. Canonical	1.1%

Development Process



Development Process



**“Working upstream
saves time and money”**

Dan Frye – VP Open Systems, IBM

Dirk Hohndel – Chief Technologist, Intel

**Maintainers are like editors in
the publishing industry.**

– David Miller

Patches I received in a 2 week period

Patches I received in a 2 week period

1487

Subject: [PATCH 48/48] ...

15 patch series, no order given

Patches 1, 3-10

“Signed-off-by:” in signature

Signature saying email was confidential

Tabs were converted to spaces

Leading spaces removed

diff in non-unified format

Patch created in driver directory

Patch created in /usr/src/linux-2.6.32

Made against different tree

Wrong coding style

**Wrong coding style,
and acknowledged it**

Would not compile

Broke the build on patch 3/6

**Broke the build on patch 3/6
and fixed it on 6/6**

Broke the build on patch 5/8

Broke the build on patch 5/8

Contained note that fix would be sent later

Patches that had nothing to do with me

1 patch, 450kb big (4500 lines added)

Obviously wrong kerneldoc

This was a calm two weeks

How to do it right

[Documentation/process/submitting-patches.rst](#)
[Documentation/process/submitting-drivers.rst](#)
[Documentation/process/submit-checklist.rst](#)

It is in my self-interest
to ignore your patch

**Give me no excuse
to reject your patch**

What I will do for you:

Review your patch within 1-2 weeks

Offer semi-constructive criticism

Let you know the status of your patch

<zx2c4> i think the reason it works is not necessarily because
<zx2c4> the responses are so terrific
<zx2c4> but because
<zx2c4> they are TERRIFYING
<zx2c4> so i'm forced to do my best possible work



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