

I don't want your code

Linux Kernel Maintainers,
why are they so grumpy?

Greg Kroah-Hartman
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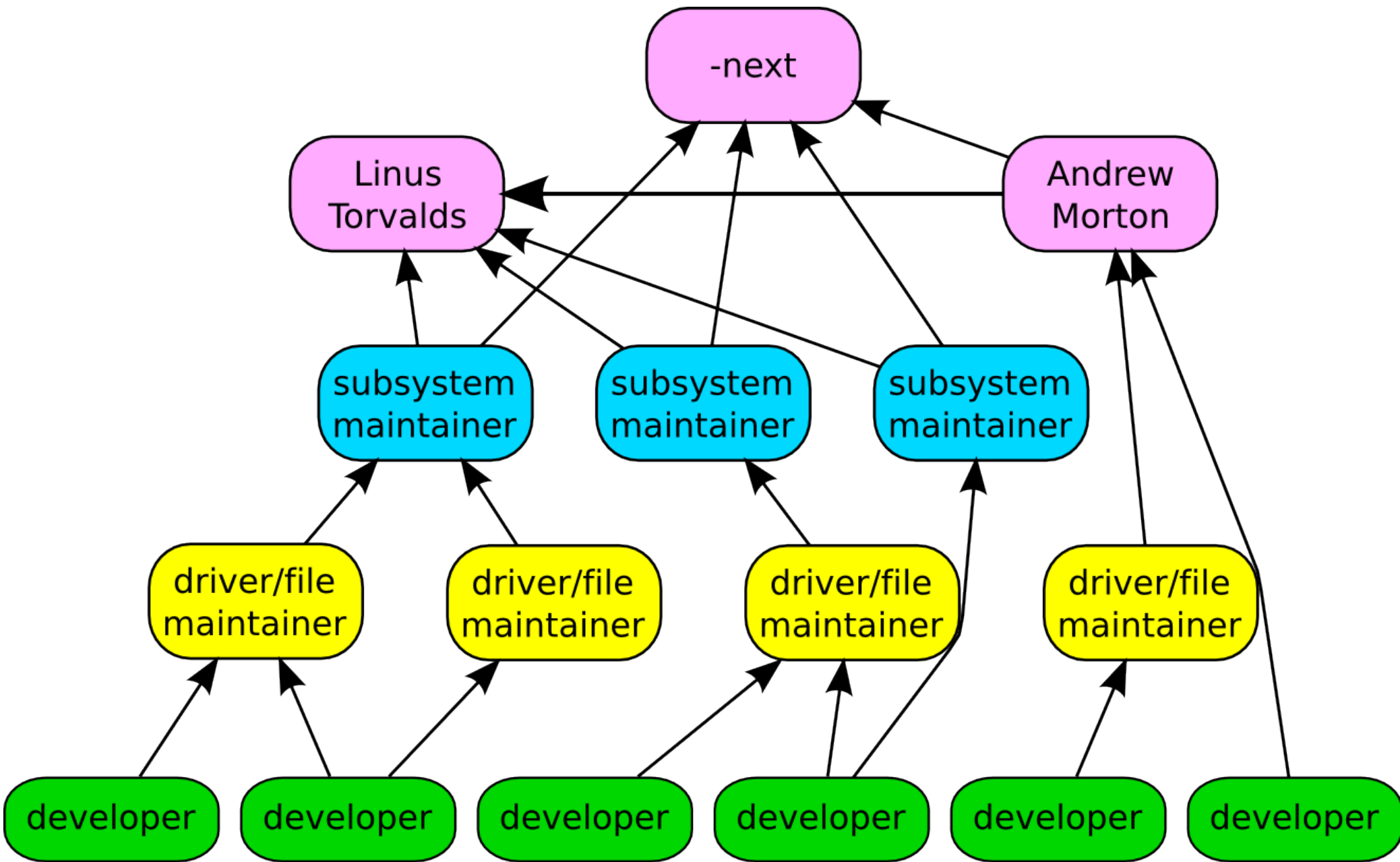
2,829 developers
407 companies

6.98 changes per hour

Kernel releases 3.4.0 – 3.8.0
March 2012 – Feb 2013

7.38 changes per hour

3.8.0 release



Top developers by quantity

1	May 30	H. Hartley Sweeten	1438
2	May 30	Mark Brown	642
3	May 30	Al Viro	553
4	May 30	Axel Lin	532
5	May 30	Greg Kroah-Hartman	505
6	May 30	Daniel Vetter	418
7	May 29	Johannes Berg	403
8	May 29	Bill Pemberton	394
9	May 29	David Miller	387
10	May 29	Sachin Kamet	387

Top Signed-off-by:

Greg Kroah-Hartman 7004

David S. Miller 3883

Mark Brown 2450

Mauro Carvalho Chehab 2436

John Linville 2213

Linus Torvalds 2193

Andrew Morton 1960

H. Hartley Sweeten 1450

Daniel Vetter 1044

Al Viro 981

Kernel releases 3.4.0 – 3.8.0

Who is funding this work?



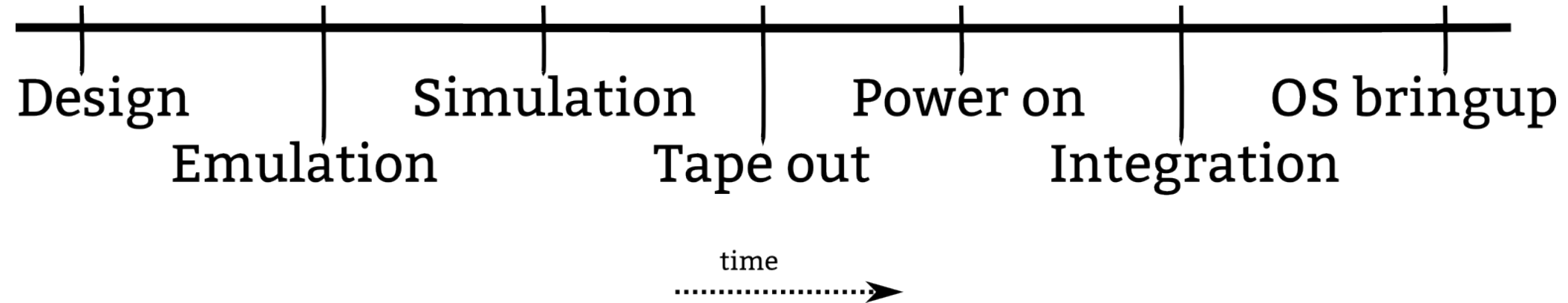
1. “Amateurs”	13.9%
2. Red Hat	10.1%
3. Intel	8.4%
4. Unknown Individuals	4.5%
5. Linaro	4.4%
6. Texas Instruments	4.0%
7. Vision Engraving	3.2%
8. Novell	3.1%
9. IBM	3.0%
10. Google	2.3%

Who is funding this work?

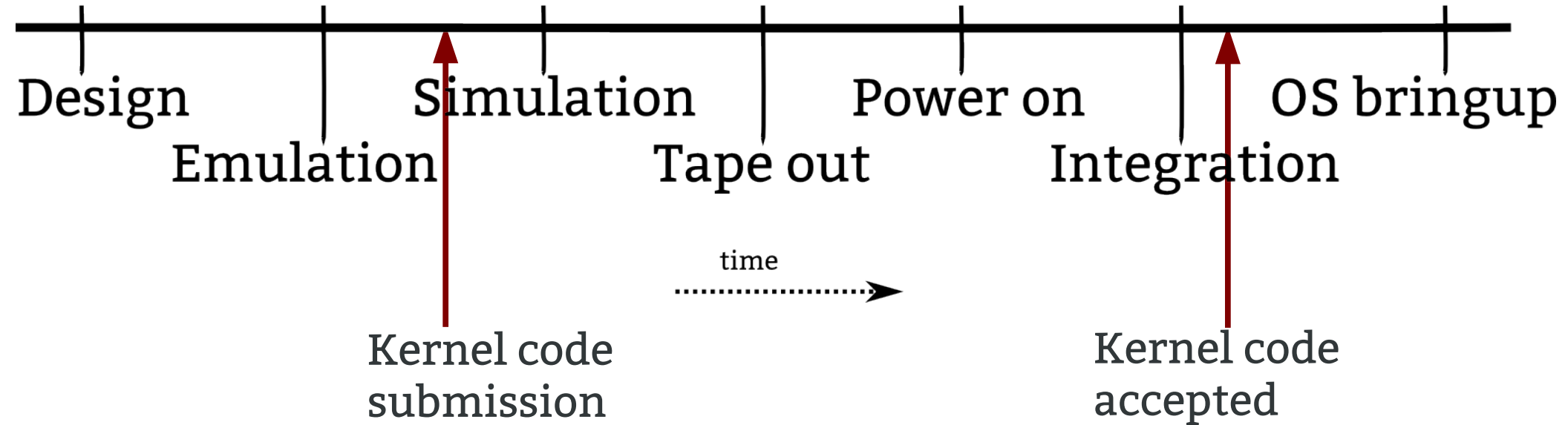


11. Samsung	2.2%
12. Wolfson Micro	1.5%
13. LINBIT	1.5%
14. Consultants	1.4%
15. Linux Foundation	1.3%
16. Nvidia	1.2%
17. Oracle	1.2%
18. Freescale	1.2%
19. Ingics Technology	1.2%
20. Broadcom	1.0%

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

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

It is in my self-interest
to ignore your patch

Give me no excuse
to reject your patch

Proper coding style

`scripts/checkpatch.pl clean`

Sent to proper people and lists

Sent to proper people and lists

`scripts/get_maintainer.pl`

Proper Subject:

Proper changelog comment

Description of WHY it is needed

Small incremental change

“obviously” correct

Which tree it was made against

If multiple patches, state the order

Has to build properly

Make sure it works, if possible

Don't ignore review comments

Don't resend without saying why



github.com/gregkh/presentation-maintainer

