# I don't want your code

Linux Kernel Maintainers, why are they so grumpy?

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## 69,970 files 29,460,000 lines

## 4,645 developers 450+ companies

### 8,900 lines added 2,700 lines removed 2,100 lines modified

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2,700 lines removed

2,100 lines modified

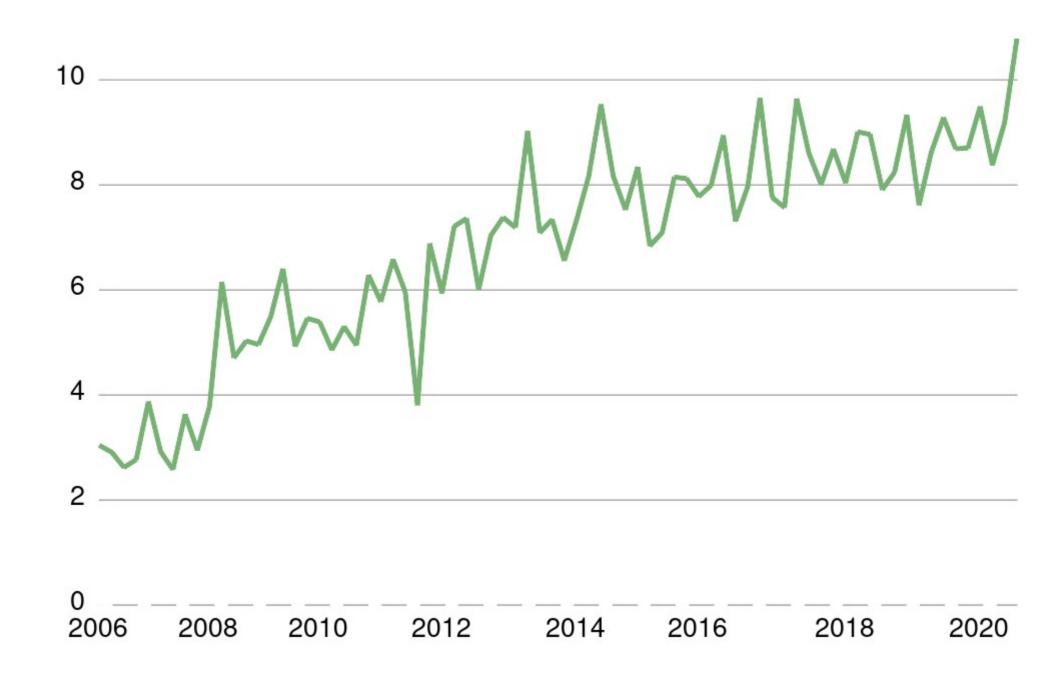
Every day

#### 9.2 changes per hour

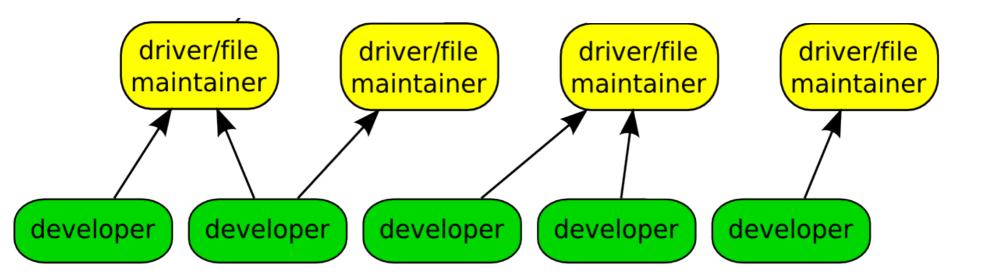
### 10.8 changes per hour

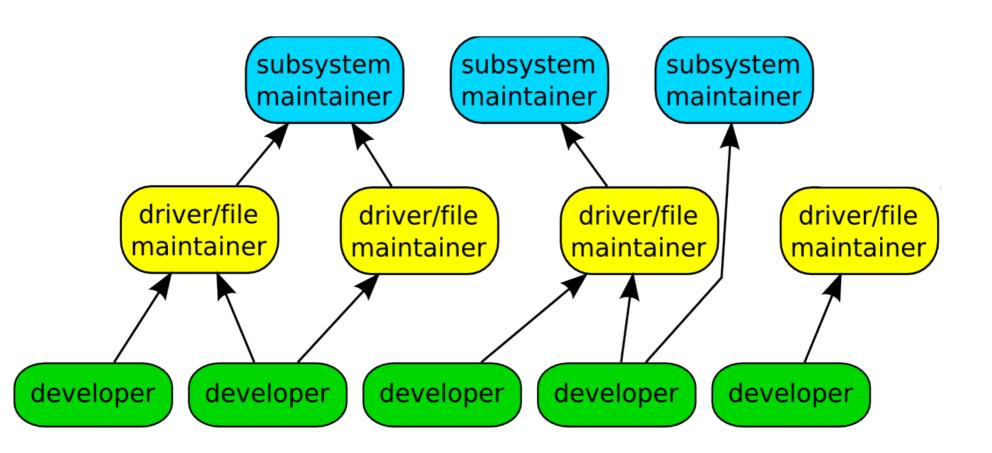
#### 5.8 release

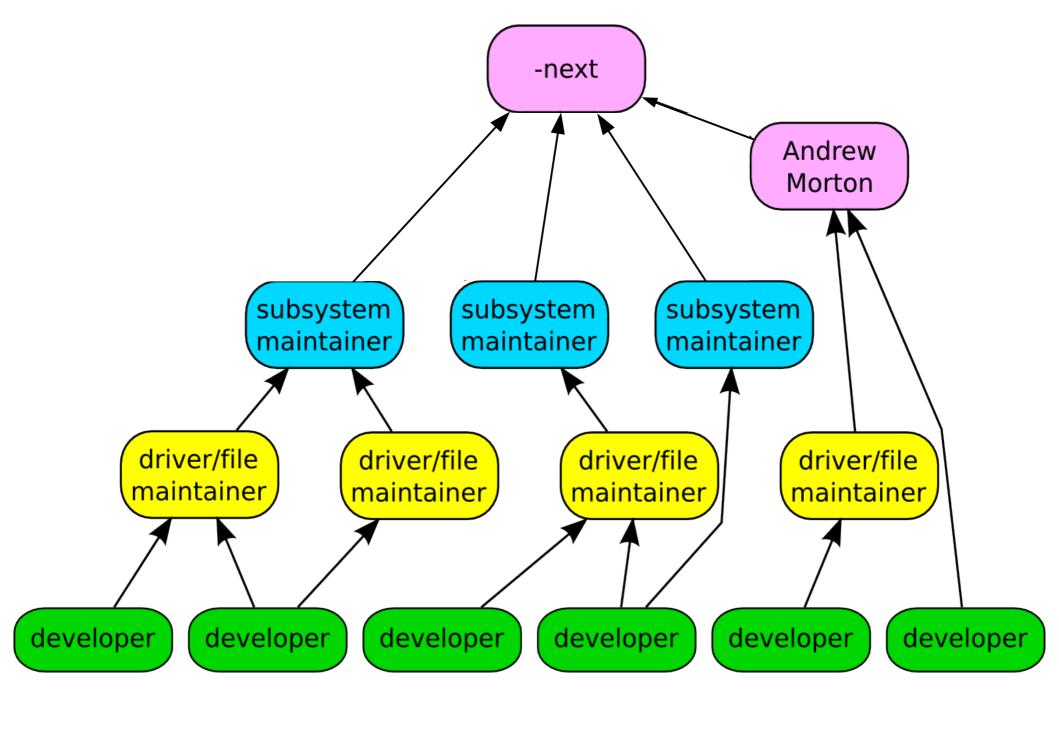
#### Patches merged per hour

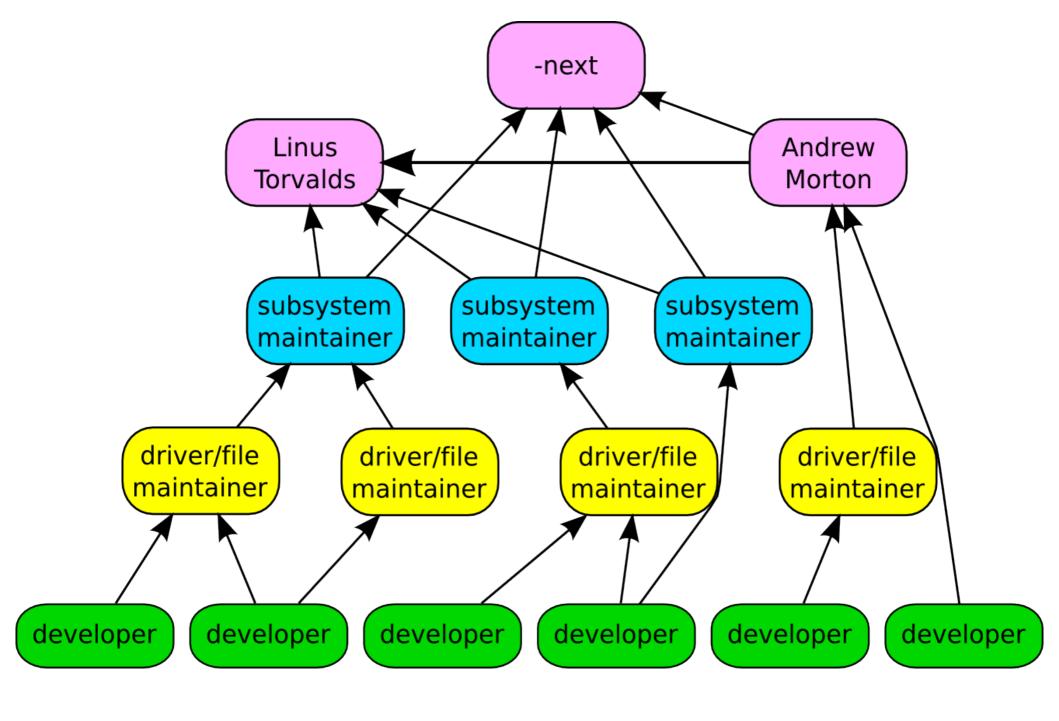


developer developer developer developer













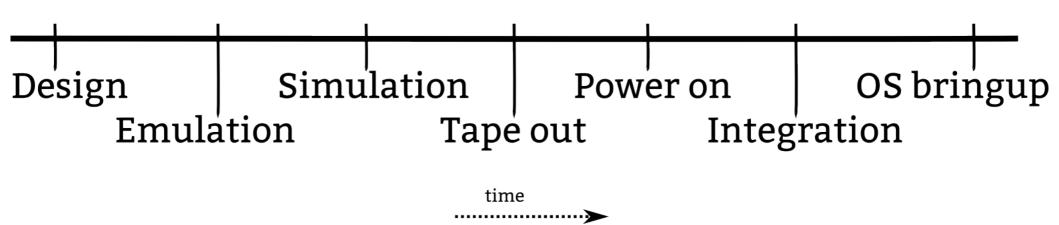
#### Who is funding this work?

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%

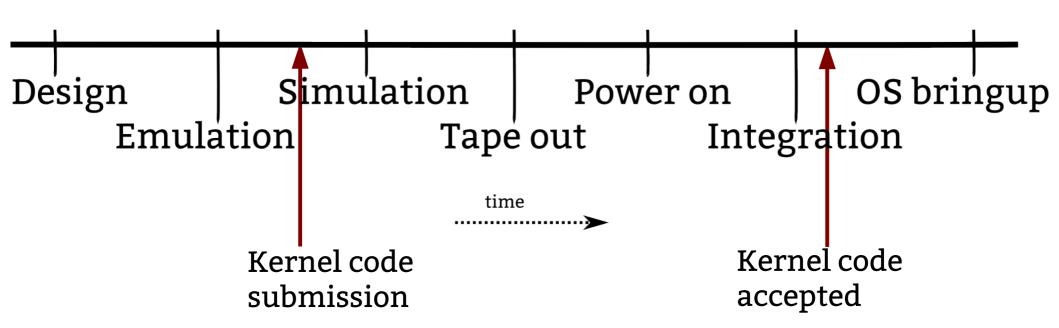
#### Who is funding this work?

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



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## "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

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1487

#### Subject: [PATCH 48/48] ...

#### 15 patch series, no order given

#### Patches 1, 3-10

"Signed-off-by:" in signature



#### 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

"Publicly making fun of people is half the fun of open source programming.

In fact the main reason to eschew programming in closed environments is that you can't embarrass people in public."

- Linus Torvalds

- <zx2c4> i think the reason it works is not neccessarily 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



github.com/gregkh/presentation-maintainer