Linux Kernel Development

Going faster than you think

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github.com/gregkh/kernel-development

cc BY NC SA

53.000 files

21.150.000 lines

Kernel release 4.5.0

3.974 developers
440 companies

Kernel releases 4.0.0 – 4.5.0
April 2015 – March 2016

10.800 lines added
5.300 lines removed
1.875 lines modified

Kernel releases 4.0.0 – 4.5.0
April 2015 – March 2016

10.800 lines added

5.300 lines removed

1.875 lines modified

Every day

Kernel releases 4.0.0 – 4.5.0
April 2015 – March 2016

7,8 changes per hour

Kernel releases 4.0.0 – 4.5.0
April 2015 – March 2016

8,1 changes per hour

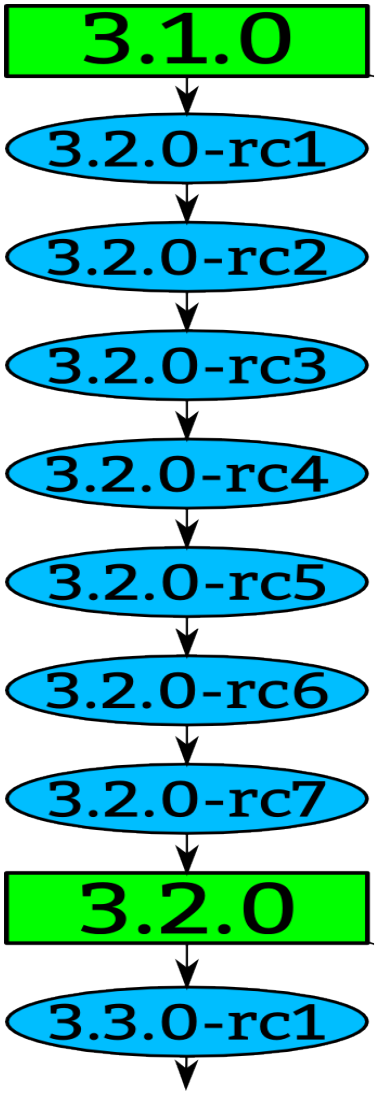
4.3 release

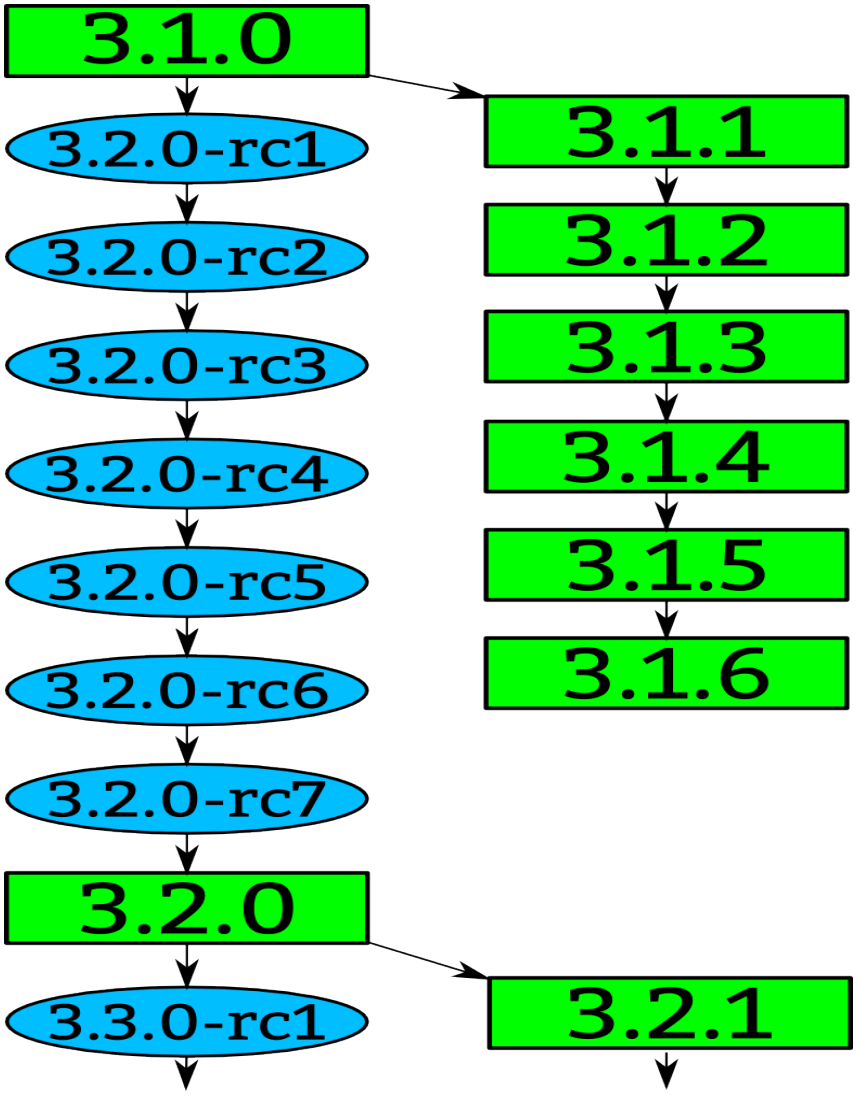
How we stay sane

Time based releases

Incremental changes

Kernel releases 3.10.0 – 3.14.0


3.1.0
3.2.0-rc1
3.2.0-rc2
3.2.0-rc3
3.2.0-rc4
3.2.0-rc5
3.2.0-rc6
3.2.0-rc7
3.2.0
3.3.0-rc1


3.1.0
3.2.0-rc1
3.2.0-rc2
3.2.0-rc3
3.2.0-rc4
3.2.0-rc5
3.2.0-rc6
3.2.0-rc7
3.2.0
3.3.0-rc1
3.1.1
3.1.2
3.1.3
3.1.4
3.1.5
3.1.6
3.2.1

“Longterm kernels”

One picked per year
Maintained for two years

3.14 4.1 4.4

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