

Real-Time Linux

State of the union

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RT-Summit 2016

Current status

- Linux-4.6-rt
- Linux-4.8-rt

Current status

- ❑ Linux-4.6-rt
- ❑ Linux-4.8-rt
- ❑ Linux-4.9-rt

Current status

Linux 4.6-rt

- ☐ Considered stable
- ☐ No serious outstanding issues
- ☐ EOL

Current status

Linux 4.8-rt

- ☒ First releases published
- ☒ No serious outstanding issues
- ☒ Will be abandoned in favour of 4.9-rt (LTS)

Upstream work

Progress

- ☐ 295 patches merged into mainline
- ☐ Fixed 8 real and 40 latent bugs

Upstream work

Progress

- ☞ 4.4-rt: 350 patches (397 files changed, 12537 insertions(+), 3390 deletions(-) net: 9147 insertions)
- ☞ 4.8-rt: 288 patches (363 files changed, 11350 insertions(+), 1804 deletions(-) net: 9546 insertions)
- ☞ Touching 34 files less
- ☞ Slight increase in size (+399 lines)
- ☞ Bulk is in drivers

Upstream work

Progress

- ☐ Mostly preparatory work done
- ☐ Still continuing
- ☐ End game will start later next year

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Questions

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