



Journey of a Patch



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Kernel patches

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How the Linux kernel is developed

Kernel patches

Description of a change

Kernel patches

Description of a change

Processable by automated tools

Readable by humans

Kernel patches

Linus's tree is the center

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Linus pulls from maintainers,
merges from Andrew Morton,
takes individual patches.

Kernel patches

Linus's tree is the center

Distributions start with some version,

merge some changes,

write their own patches.

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Linus's tree is the center

Once your change is in Linus's tree,
it will be in all distributions (eventually).

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There are other avenues....

Merging patches

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“New development model”

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two week merge window

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two week merge window

roughly 2-3 month release cycle

Merging patches

You should ignore the merge window

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I want to queue patches in advance

Merging patches

You should ignore the merge window

I want to queue patches in advance

We (I) need time to review patches

How to get merged

Take care of the easy stuff

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Take care of the easy stuff

Documentation/SubmittingPatches

Documentation/SubmitChecklist

scripts/checkpatch.pl

How to get merged

Make it easy to review

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Make it easy to review

what is the change you are making?

how are you making that change?

why do we want to make that change?

Help review!

Q and A



