

# Linux Networking Development

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David S. Miller, Red Hat Inc., Seoul 2017

# Major Areas of Development

Switch hardware offloads

‘switchdev’ layer

mlxsw driver

TCP scalability and congestion control

XDP and eBPF

Device polling

# Numbers

1500-2000 commits per merge window

Up to 100 patches posted to 'netdev' mailing list per day

Nearly 400 unique contributors per release

Things are very busy.

And I am very tired.

# Ultimately, We Need You.

We will always need new developers.

Some of us are getting really old...

## Two Things I am Asked Most Often

1. What major features are coming in the Linux Networking?
2. I want to get involved in the Linux Networking development, what should I work on?

## Advice

Think about what you might be interested in.

Study code and learn how the system works.

You don't have to become an “expert” in order to contribute.

## Anti-Advice

Please don't concentrate on "coding style" fixes.

You can get stuck doing this forever, and never make any real improvements to the kernel code.

Don't be "that coding style person"

# Please Come to Netdev 2.2!

Linux Networking Developer conference in Seoul!

November 8th, 9th, and 10th

<https://www.netdevconf.org/2.2/>

Meet other developers and learn what is happening in the netdev community.



# Thank You

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NIPA

Linus Torvalds