

DevOps + Open Source == BFF Practices!

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ABOUT ME

I make terrible titles for
talks.

I started as a sysadmin

(the dark ages)



more recently I was the Fedora
Project Leader

now I work at Elasticsearch.

(the Enlightened Years)

From Dev Advocate
.....to Ops Advocate.

And thus begins our story.

(Almost.)

What you should get out of this talk:

- Maybe a slightly better understanding of DevOps.
- Knowing about communities of practice.
- Habits of successful DevOps practicing organizations and successful open source software communities.
- If I'm lucky, you'll have some really compelling things to say to your boss about why you think you should be doing one thing or another.



NOBODY
EVER GOT FIRED
for choosing
OPEN SOURCE



WHEN YOU PROGRAM OPEN SOURCE,
YOU'RE PROGRAMMING
COMMUNISM



A REMINDER
from
YOUR FRIENDS AT MICROSOFT

SHARE

SHARE

SHARE





WTF





DEVOPS IN A BOX



INVEST IN
SHARING

Let's get scientific-sounding for a moment.

Community of Practice: A group of people who share a concern or passion for something they do and learn how to do it better as they interact regularly.

(This is from a book, aptly titled “Communities of Practice”, written by Etienne Wenger.)

Open Source

- Open source is sometimes simply “software others can take.” Thrown over the fence, dumped into Github, etc.
- Open Source communities are groups of people who work together, and often in many communities, continuously improve their project’s code together as a group, as well as “Best Practices” for being a community and producing software as a community.

DevOps

- DevOps isn't just tools, but some people think that's all it is.
- Practitioners of Devops continuously improve their product and their methodologies both *inside* their organizations and along side their peers at other organizations.

BASICALLY:

- Groups of people continuously improving things to deliver better stuff to whomever is the end user.
- And continuously improving and sharing inside and outside their immediate community “space” their practices and behaviours.

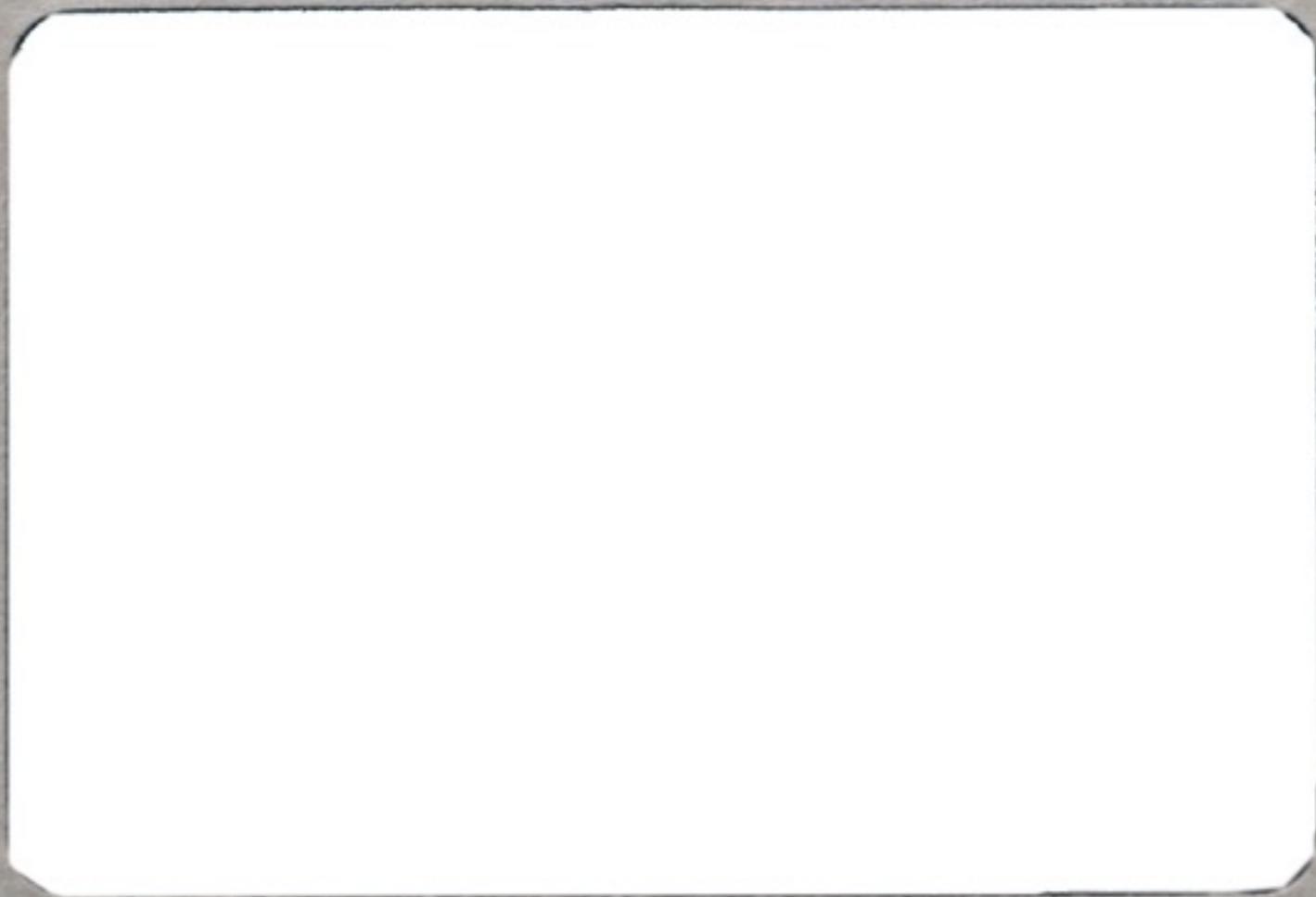


BUT WAIT!

There's more!



KODACHROME
TRANSPARENCY
PROCESSED BY KODAK



KODACHROME
TRANSPARENCY
PROCESSED BY KODAK

release early, release often

Do not fear failure.

(where is she going
with this, jeeeee)



What you can do

- Explain to your boss, your coworkers, anyone who will listen, the value of contributing to open source software. Explain that your organization understanding and influencing what is going on in the upstream communities helps you to be better attuned with the future of your own organization's software.
- Start doing stuff!

But most importantly:





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 $\frac{d}{dx} x^{-1} = -x^{-2} = -\frac{1}{x^2}$
 $\frac{d}{dx} \frac{1}{x} = -\frac{1}{x^2}$

$\frac{d}{dx} \frac{1}{x^2} = -2x^{-3} = -\frac{2}{x^3}$
 $\frac{d}{dx} \frac{1}{x^3} = -3x^{-4} = -\frac{3}{x^4}$

$\frac{d}{dx} \frac{1}{x^n} = -nx^{-n-1} = -\frac{n}{x^{n+1}}$

$\frac{d}{dx} \frac{1}{x} = -\frac{1}{x^2}$
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“Time to go to the bar! Errr... I mean... any questions?”

–Robyn Bergeron