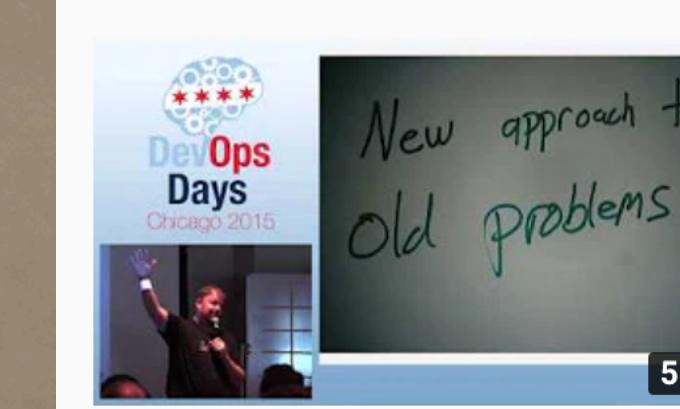
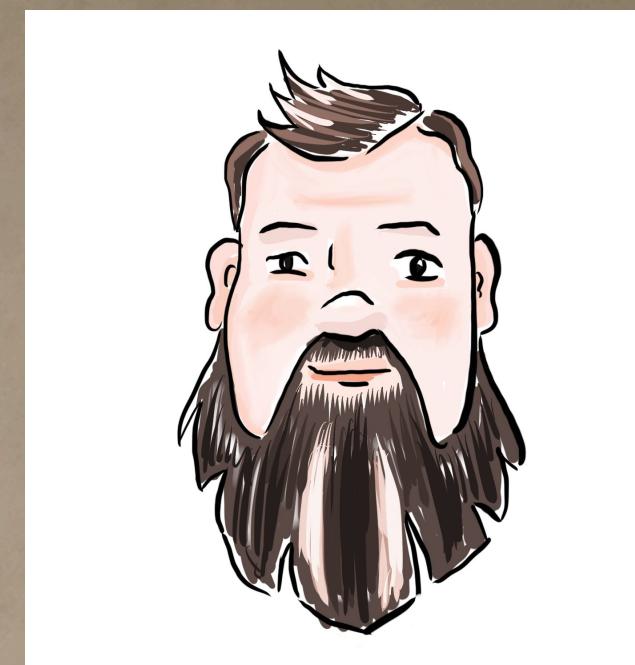
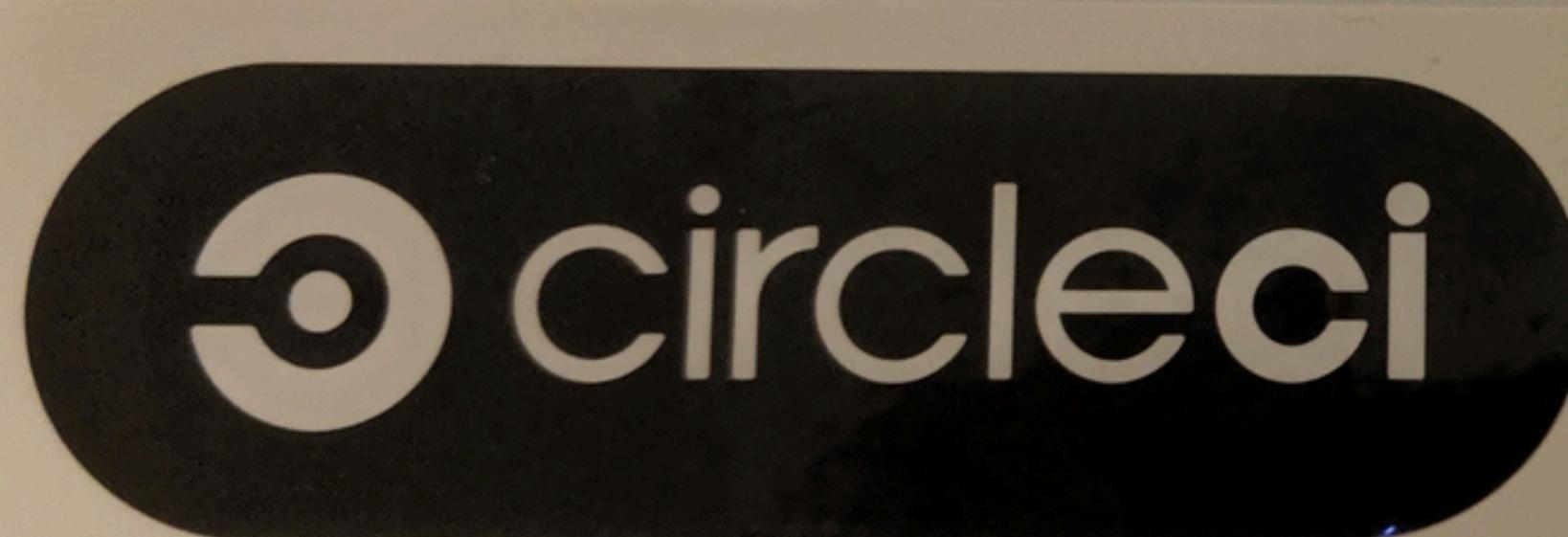
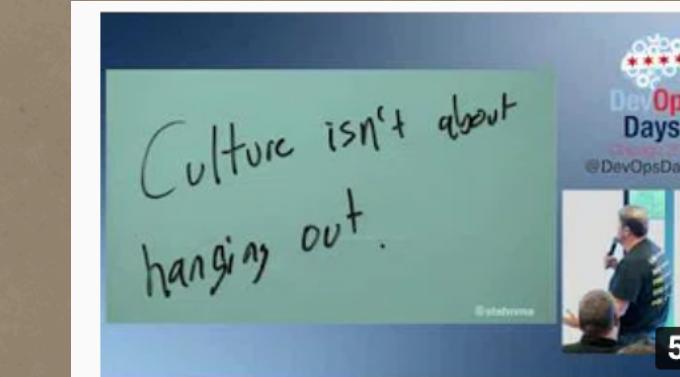


Michael Stahnke
VP Platform
@stahnma



DevOpsDays Chicago 2015 - Organizational Learning Through Trolling by Michael Stahnke
Confreaks • 432 views • 3 years ago

Organizational Learning Through Trolling by Michael Stahnke Help us caption & translate this video!
<http://amara.org/v/HDVo/>



DevOpsDays Chicago 2016 - What I've learned interviewing more than 150 people... by Michael Stahnke
Confreaks • 306 views • 2 years ago

DevOpsDays Chicago 2016 - What I've learned interviewing more than 150 people face to face by Michael Stahnke 've been part ...



DevOpsDays Chicago 2017 - Ignites- Title: Management or Technical? by Michael Stahnke
Confreaks • 62 views • 1 year ago

DevOpsDays Chicago 2017 - Ignites- Title: Management or Technical? by Michael Stahnke Have you ever been pressed in your ...

2018



@stahnma



Data Sets

1.5m jobs per day

10s of thousands of orgs

10s of thousands of projects

Data from a few sets



Hard Hitting Stats

- The most common length of a repository name is 17.6 characters
- The most common project name is “api”, followed by “terraform”, “infrastructure”, and “web”
- After environmental names (e.g dev, test, stage) the most common branch name is “update-readme”
- 0.01% of workflows have English curse words in the name of the branch

Create a new repository

A repository contains all project files, including the revision history. Already have a repository elsewhere? [Import a repository](#).

Owner Repository name *****

Great repository names are short and memorable. Need inspiration? How about [au](#)

Description (optional)
The "John" of Github repo names

Public
Anyone can see this repository. You choose who can commit.

Private
You choose who can see and commit to this repository.

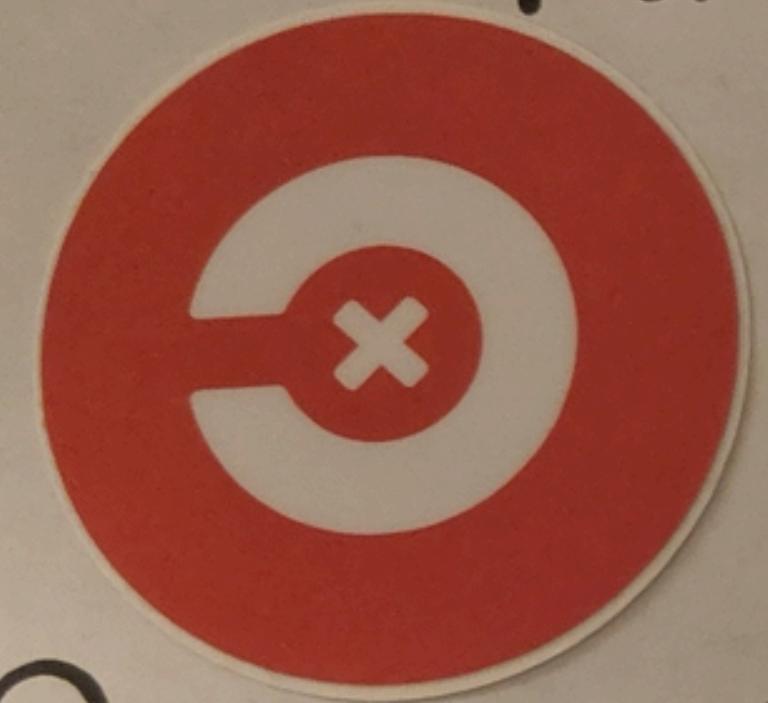




Mapping Metrics

MTTR

Time from
red to green



Deployment
Frequency

How often are
workflows running

Delivery Lead Time

Workflow
Duration

Change failure
rate

Workflow
failure rate

MTTR

Fastest Recovery < 1 second

Worst Recovery 30 days

Median work for recovery time

17.5 hours



MTTR

Fastest Recovery < 1 second

Worst Recovery 30 days

Median work for recovery time

17.5 hours





Lead Time

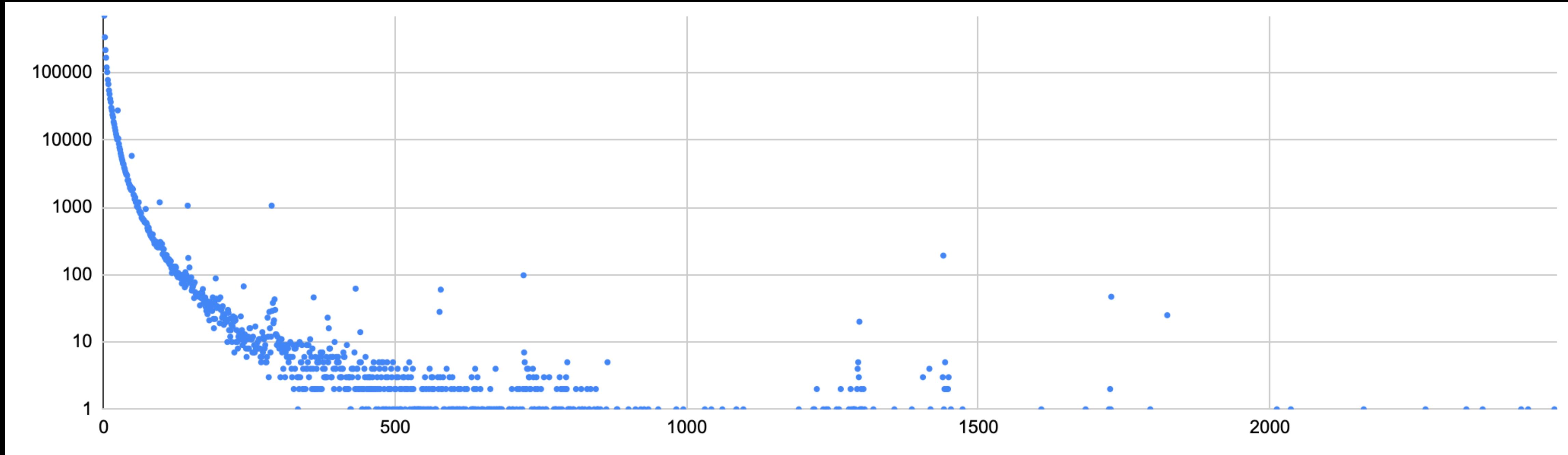
Min	SOP	95P	Max
2.1s	3m27s	28m43s	3.3days

Lead Time

Min	SOP	95P	Max
2.1s	3m27s	28m43s	3.3days

Deployment Frequency

Number of projects building this many times per day



Number of runs per day per project

Deployment Frequency

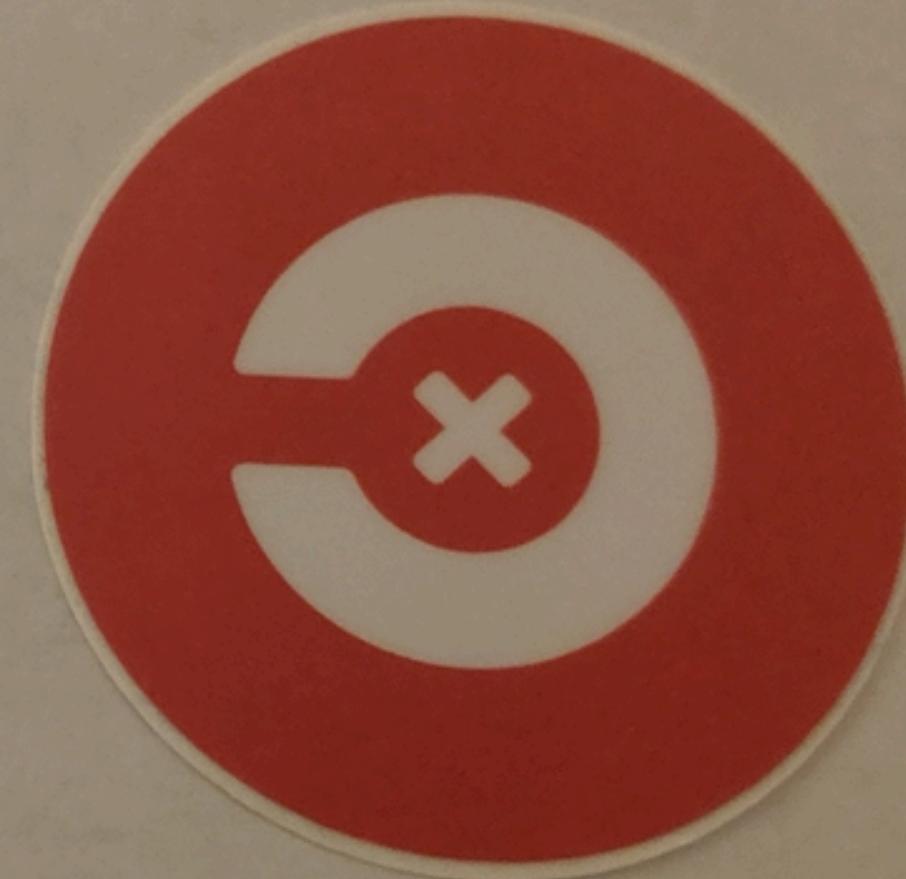
	50p	95p	99p	Max
workflows per day per project	3	29	74	2488
workflows per org per day	6	85	250	3036
workflows per project on master branch per day	1	13	39	2443

Deployment Frequency

	50p	95p	99p	Max
workflows per day per project	3	29	74	2488
workflows per org per day	6	85	250	3036
workflows per project on master branch per day	1	13	39	2443

Change failure

Rate



~20% overall

Manual Approvals

- 50% of approvals is 3.53 minutes
- 20% for all workflows (fail rate)
- 3% for workflows w/ manual approval

More on approvals

- 50% length 3m 27s
- 50% length w/o approvals 14m 38s
- Some workflows have more than one approval
- 3.5% workflows had approvals

Language	Fail rate on master	Median branches	Median users
PHP	7.0%	5	2
JavaScript	9.5%	5	2
Python	10.6%	5	2
Ruby	10.9%	9	3
Go	12.4%	4	2
Java	13.1%	4	2

Language	Fail rate on master	Median branches	Median users
PHP	7.0%	5	2
JavaScript	9.5%	5	2
Python	10.6%	5	2
Ruby	10.9%	9	3
Go	12.4%	7	2
Java	13.1%	4	2

Thank you.



Open Space?

