how to fail with one weird trick
pete was asked to run the devops team
but you won’t believe what happened next
Weird Trick Adds $1,000 to Your Social Security Checks!

See If You Qualify

Power Companies HATE This!

Shock video reveals how over 203,236 Americans have discovered how to slash their power bills using this "weird" device. [video]

Dermatologists Hate Her!

She is 51 Looks 25

Local mom exposes shocking anti-aging secret. Learn the $5 trick to her stunning results.

LEARN THE TRUTH NOW

If you do not know French (and are between age 50-85) you'll want to watch the short video below. You'll be absolutely shocked after watching it!

"Language Professors will HATE this!"

A Doctor's shocking discovery revealed the secret to rapidly learning a new language using this super sneaky linguistics trick. You'll be surprised when you see what it is (and how extremely simple it is)

If you've ever thought about learning a new language to be more employable (your boss will love you), for pleasure or any other reason you need to see this video!

Watch this free video before it's gone!

@petecheslock
I'M GONNA FIND OUT

WHAT THAT ONE WEIRD TRICK IS!

@petecheslock
FOOLED YOU

HATERS GONNA HATE

@petecheslock
about

- Operations and Support @ Threat Stack
- petecheslock@twitter

Previously:
- Systems, Automation, RelEng for Dyn
- Tech Ops for Sonian
What is DevOps?
“I have not failed 700 times. I have not failed once. I have succeeded in proving that those 700 ways will not work. When I have eliminated the ways that will not work, I will find the way that will work.”

–Thomas Edison
How to draw an Owl.

“A fun and creative guide for beginners”

Fig 1. Draw two circles
Fig 2. Draw the rest of the damn Owl
Sorry!
Något gick galet (#404). Den efterfrågade sidan finns inte på vasmuseet.se
I Blame DevOps on Agile
devops hype

Gartner Hype Cycle

- Peak of Inflated Expectations
- Trough of Disillusionment
- Slope of Enlightenment
- Plateau of Productivity
- Technology Trigger
Weird Trick #1

Build a DevOps team to work along side your Dev and Ops team.
Kevin Downey
@hiredman_

This must be satire, creating a team called "DevOps" and then isolating it from the rest of the company as much as possible

5:49 PM - 20 May 2014
“DevOps is a cultural and professional movement. Period. That’s it... There’s no technology, you can’t patent ‘devops’.”

–Adam Jacobs, Velocity 2010
If you're trying to solve social/communication problems with process & technology, you've got bigger problems.
What does your organization represent?

What are your “real” values, vs the actual values of your org

Do you incentivize collaboration or politics?
“Devops means giving a shit about your job enough to not pass the buck. Devops means giving a shit about your job enough to want to learn all the parts and not just your little world.”

–John Vincent (@lusis)
“The worker is not the problem. The problem is at the top! Management!”

—Dr. W. Edwards Demming
You Get The DevOps You Deserve
http://firstround.com/article/Twitter-Engineering-SVP-Chris-Fry-on-the-Power-of-Stable-Teams
Build strong teams first. Assign them problems later.
Let's always be stupid.
Forever!
TRUST
circle of trust

.  you
what drives us?

• Autonomy
• Mastery
• Purpose

Drive: The Surprising Truth About What Motivates Us:  -Dan Pink
Priorities

1. VP Ops
2. Dir
3. Sr. Ops
4. Ops

Priorities

1. VP Eng
2. Dir
3. Sr. Dev
4. Dev

@petecheslock
“Organizations which design systems ... are constrained to produce designs which are copies of the communication structures of these organizations”

–Melvin Conway

http://en.wikipedia.org/wiki/Conway%27s_law
Keep Teams Together
You Want Your Teams to Learn from Each Other
• Teams never perform optimally if one person does all the work

• Hardworking teams are impeded by even a single non-performer

• Ensure everyone is working evenly and sustainability.
It’s not my problem, the hole is in their side of the boat!
Trust pound!
Deploy Openstack

We need a better way to manage systems
Modularity is the Key to Scale
Cultivate Trust and Learning
Failure is always an option.
Weird Trick #2

Buy My DevOps

First taste is free
End-to-end support for agile release management

DevOps Automation optimizes release management to support continuous integration and deployment in agile environments.

DevOps Tools
We use these best-in-class tools to automate and monitor your environments:

- **Infrastructure automation**: Chef
- **Source control**: GitHub
- **Monitoring**: StatsD/Graphite, New Relic, Cloud Monitoring
- **Log aggregation**: Logstash
- **Cloud integration**: Deployment Blueprints, Auto Scale
Hi Pete,

I hope you're doing well today. In viewing your profile I thought you might be interested in a DevOps Management opportunity that I am working on.

DevOps Manager needed in Foxboro, MA

Nathan Parker <hit-reply@linkedin.com>  
May 15 (10 days ago)

to me |

I hope you're doing well today. In viewing your profile I thought you might be interested in a DevOps Management opportunity that I am working on.

DevOps Engineer

Information Technology, is seeking a DevOps Manager, the DevOps Engineer is a key role in building out our infrastructure in the cloud and supporting our production services. The DevOps Engineer is responsible for deploying our services and that automatically provision the entire infrastructure in line with industry best practices. The DevOps Engineer will work closely with the engineer team to create an ecosystem that can quickly deliver new services and upgrades to services that are always available. The DevOps Engineer will also participate in the on-call rotation.

Find Jobs
Devops Developer

· New York

Description

Devops Developer

Technology | New York, NY, United States

's DevOps team develops and operates the infrastructure behind the sites. We're looking for talented engineers to join our team to design, deploy, and operate this platform.
Would you rather be Systems Engineer IV or Senior DevOps Engineer?

Answer: They both kinda suck.
“I’m a system admin, I don’t write code”

“I’m a system admin, I don’t want to learn”

—Soon to be Unemployable SysAdmin
I AIN'T EVEN MAD
Weird Trick #3

DevOps is Great!

Just don’t call it DevOps
We’re going to need a bigger manifesto
we don’t “do” devops

Developers
Want to
Deliver
Changes to
Production

Operations
Wants
Stability In
Production
Development

Deployment

@petecheslock
• We used to have “Deploy Week”

• 20+ Stacks, upgrading 4 per night (6pm to Midnight if you are lucky)

• Before “Deploy Week” - we deployed all the time - and things broke all the time.
Over the course of about 12 months we went from:

- Deploy whenever - things break randomly (little testing)
- Create a multi-page deploy checklist of mostly manual items
- “Deploy Week” - 20 Stacks over 5 days (6pm to 12am - hopefully)
- “Deploy Day” - 20 Stack over one night - 6pm to 9pm
- “Deploy Day” - Saturday - ~1 hour
A failure of DevOps is EVERYONE’s failure
“It is not necessary to change. Survival is not mandatory.”

“There is no substitute for knowledge.”

– Dr. W. Edwards Deming
bonus material
17th century shipbuilding and your failed software project

a.k.a. why your project management sucks
135 Feet

108 Feet
Excessive Schedule Pressure
Changing Needs
Lack of Technical Specifications
Lack of Documented Project Plan
Excessive Innovation
Secondary Innovation
Requirements Creep
Lack of Scientific Methods
Ignoring the Obvious
Possible Mendacity
Thank You
check out Cloud Sight @ www.threatstack.com

Video of the Vasa Talk (bonus material) can be seen here:
http://vimeo.com/95284690
Reading List

• The Vasa - 5 Minute Ignite Talk:  http://vimeo.com/95284690
• Adam Jacobs Velocity 2010 talk -  https://www.youtube.com/watch?v=Fx8OBeNmaWw
• John Vincent - Devops, the Title Match -  http://blog.lusis.org/blog/2013/06/04/devops-the-title-match/
• Conway’s Law -  http://en.wikipedia.org/wiki/Conway's_law
• Patty McCord -  https://www.youtube.com/watch?v=o3e1lnixKBM
• Dan Pink - What motivates us:  http://www.ted.com/talks/dan_pink_on_motivation.html