

When Dev met Ops



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**PARENTAL
ADVISORY
NO TECH AHEAD***

*Actually, IT may contain some traces

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sbit.io

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**Ladies and
gentlemen...**

**I guess that
takes in most of
you**

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What the hell is DevOps and why should I care?



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IT WARS

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**Not so long time ago in a galaxy not
so far, far away...**

**Episode IV
A NEW HOPE**

*It is a period of civil war.
Dev spaceships, striking
from a hidden base, have won
their first victory against
the evil Ops Empire.*

*During the battle, Dev
spies managed to steal secret
plans to the Ops' ultimate
weapon, the BOFH LART*

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IT Wars: Developers (vampires)

11 Strength
10 Constitution
16 Dexterity
17 Intelligence
12 Wisdom
15 Charisma



(+3 in Intelligence and Dexterity with a deadline approaching)

...they tend think of themselves (or at least their code) as immortal... [1]

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IT Wars: Sysadmins (werewolves)

15 Strength
16 Constitution
11 Dexterity
12 Intelligence
17 Wisdom
10 Charisma



(+3 in Wisdom and Constitution during an outage)

...and prone to strange transformations during a moon "outage"... [1]

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**A civil war caused by a broken
culture**



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Silos

DEVELOPMENT

OPERATIONS

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The wall of confusion



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I'M A
**SYSTEM
ADMINISTRATOR**



**I SOLVE PROBLEMS
YOU DON'T KNOW YOU HAVE
IN WAYS YOU CAN'T UNDERSTAND**



SYSADMIN
BECAUSE EVEN
DEVELOPERS
NEED HEROES

**Rockstar / Hero
culture**



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Ham-n-Eggs (revisited)

Works on
my
machine



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Ham-n-Eggs (revisited)



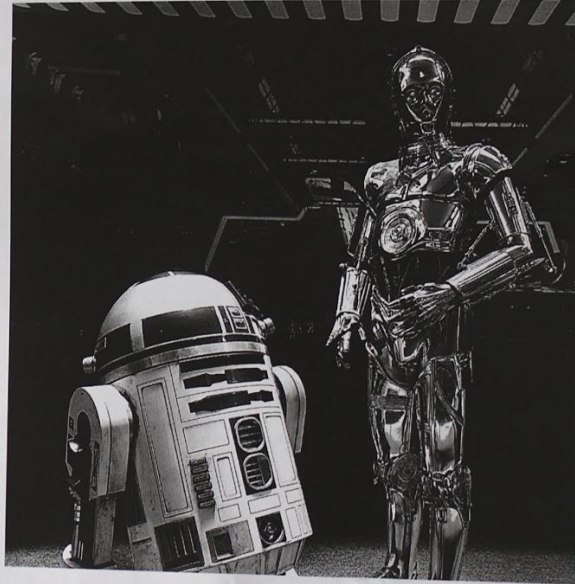
Works on
my
machine

OPS PROBLEM NOW

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The quest for DevOps

HAVE YOU SEEN
THESE
DROIDS ?



Call Vader @ 1-800-DRK-SIDE
Call Vader @ 1-800-DRK-SIDE
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These aren't the droids you're looking for



ANSIBLE



SALTSTACK



VAGRANT



docker



CHEF™



puppet
labs

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**These aren't the droids you're
looking for**

**Full Stack Developers
DevOps Engineers**



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I WILL FIND THE DROIDS I'M LOOKING FOR
I WILL FIND THE DROIDS I'M LOOKING FOR
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Let's do IT better

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I really should o o o

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Keep C.A.L.M.S. and do DevOps

Culture

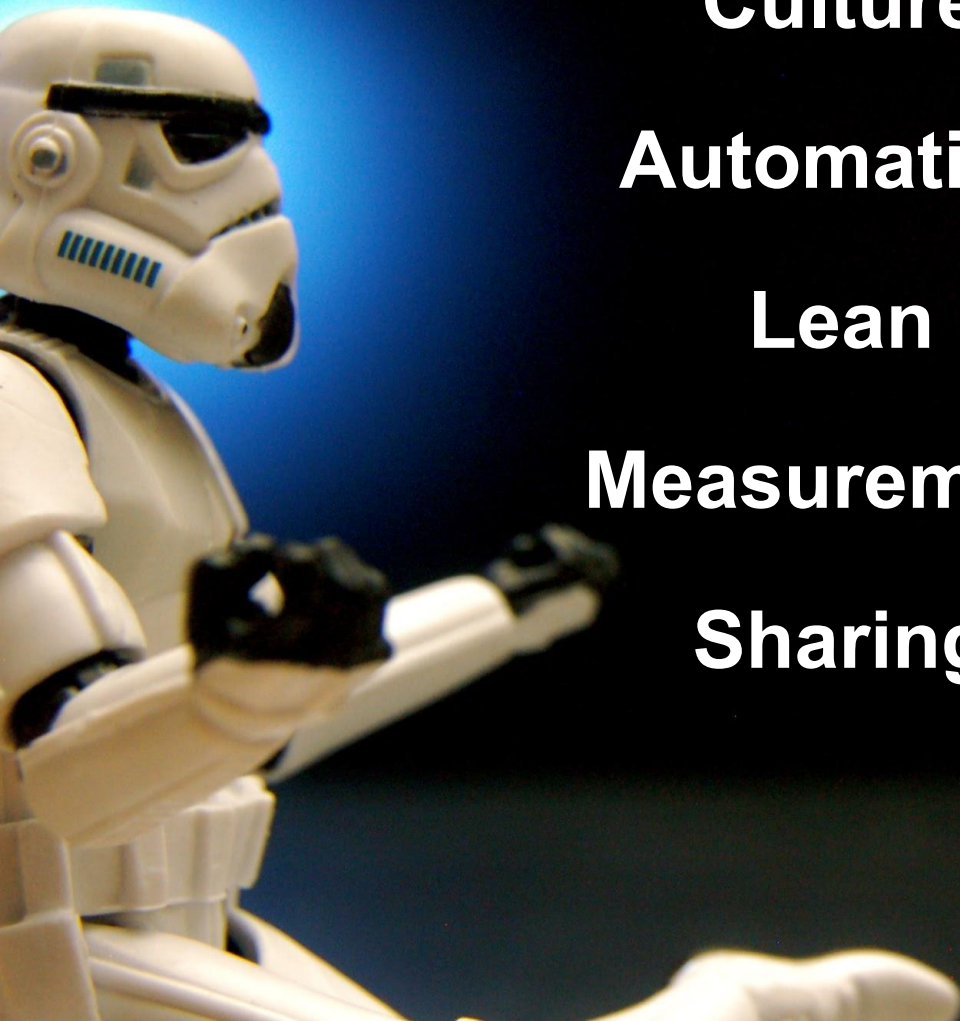
Automation

Lean

Measurement

Sharing

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You are the droid I am
looking for!



Empathy:
People >> Process & Tools
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A Devops Odyssey



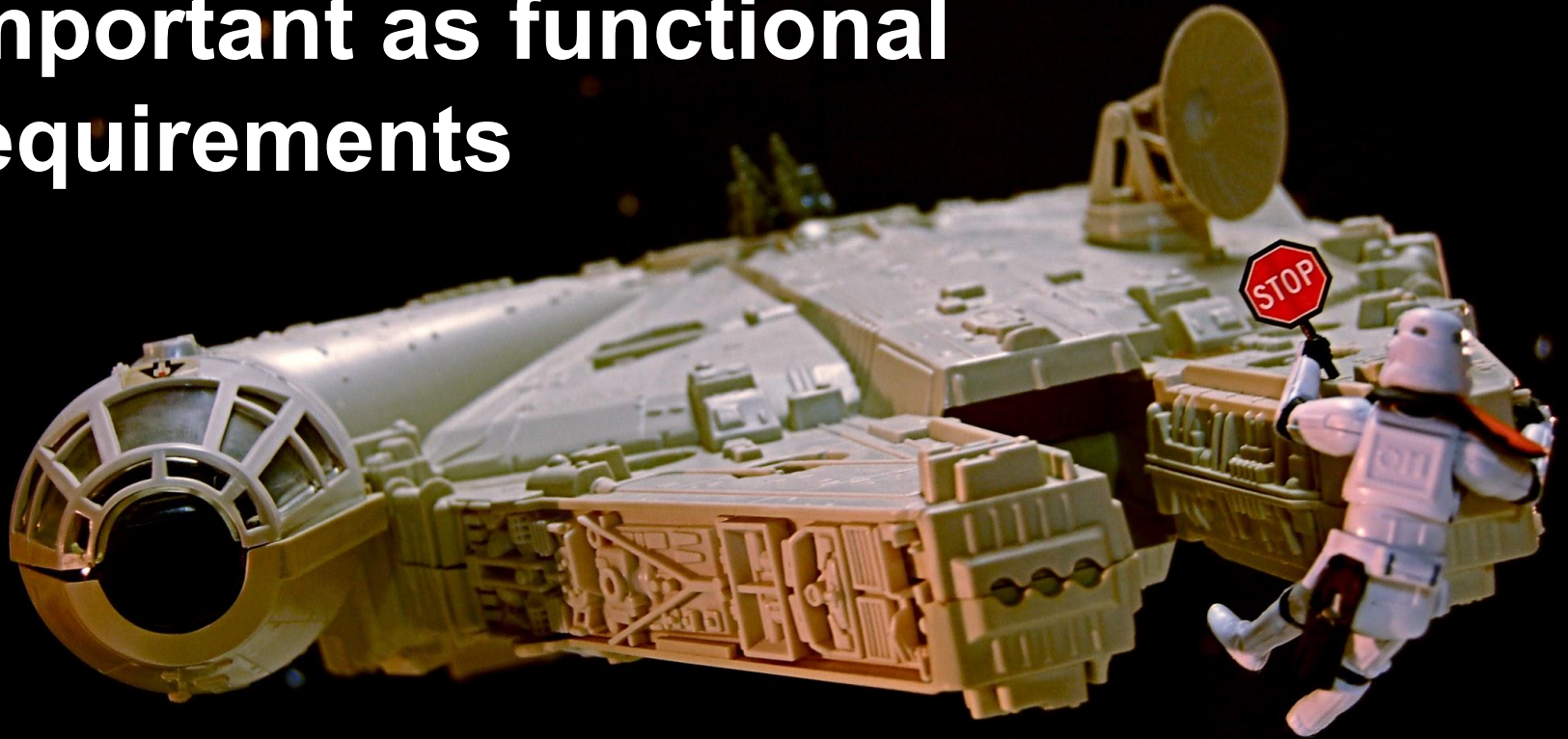
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The image shows two white Stormtrooper figurines standing on a table. Below them is a large, detailed technical diagram of a ship's deck layout, rendered in red lines on a white background. The diagram includes various components and labels such as 'Forward Main Deck', 'Equipment Bay (E)', 'Deflector Shield Projector', 'Main Corridor', 'Escape Pod', and 'Head Launch Control Station'. In the background, there are several glass jars containing different types of snacks, and a dark cylindrical object is visible on the right side of the frame.

Functional requirements are as important as operational requirements

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Operational requirements are as important as functional requirements



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Let's evolve: We are all in IT together



How can we help
each other?

What do we need
from each other?

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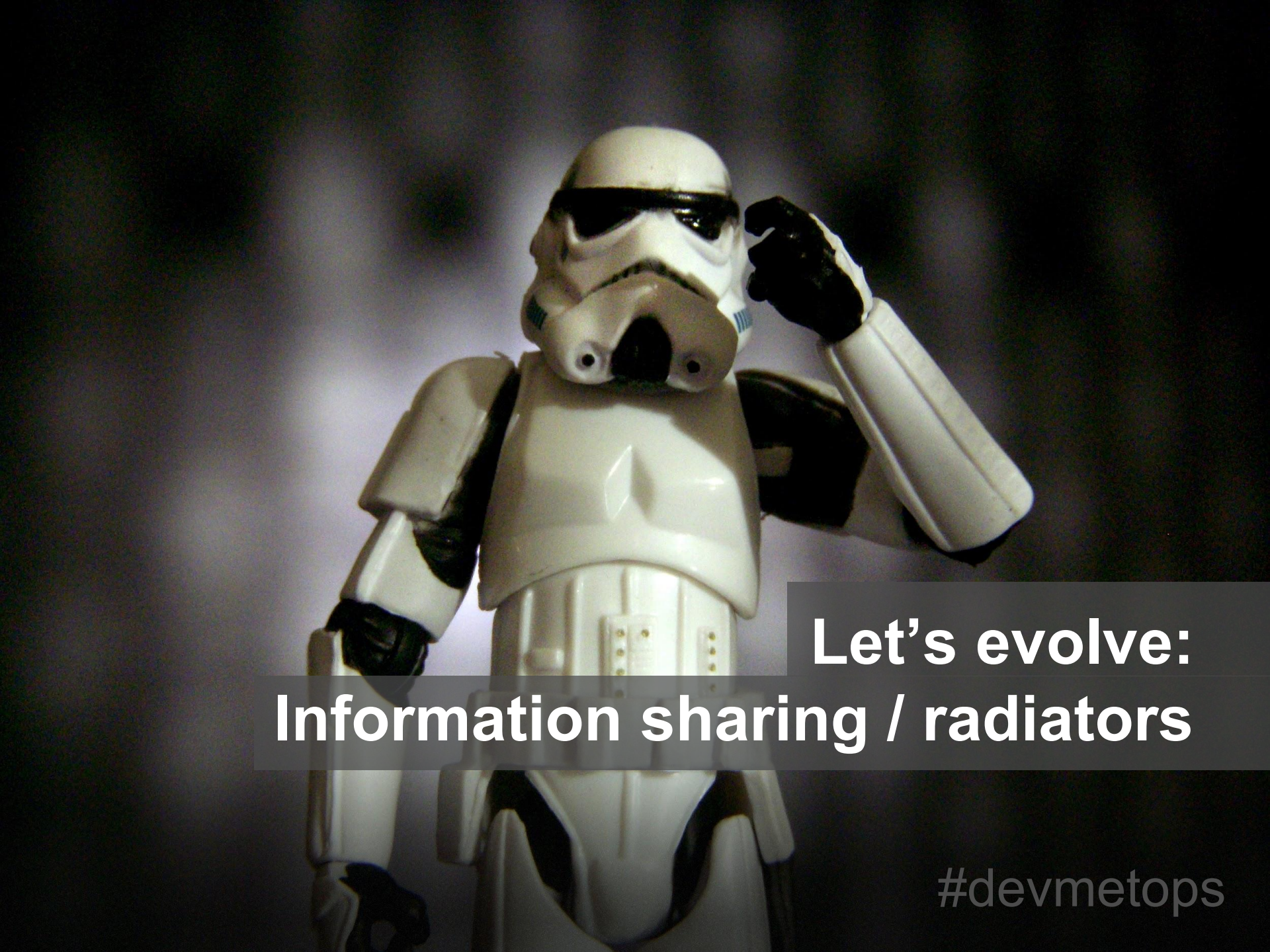
**Evolution goals:
Developer self-service**

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Evolution goals: Sysadmin peace-of-mind



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A white plastic Star Wars Stormtrooper figure is shown from the waist up, standing against a dark background. The figure is in a thinking pose, with its right hand raised to its forehead. The lighting is dramatic, highlighting the figure's helmet and armor. A semi-transparent dark grey banner is overlaid on the bottom right of the image, containing white text.

**Let's evolve:
Information sharing / radiators**

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Let's evolve: Blameless post-mortems

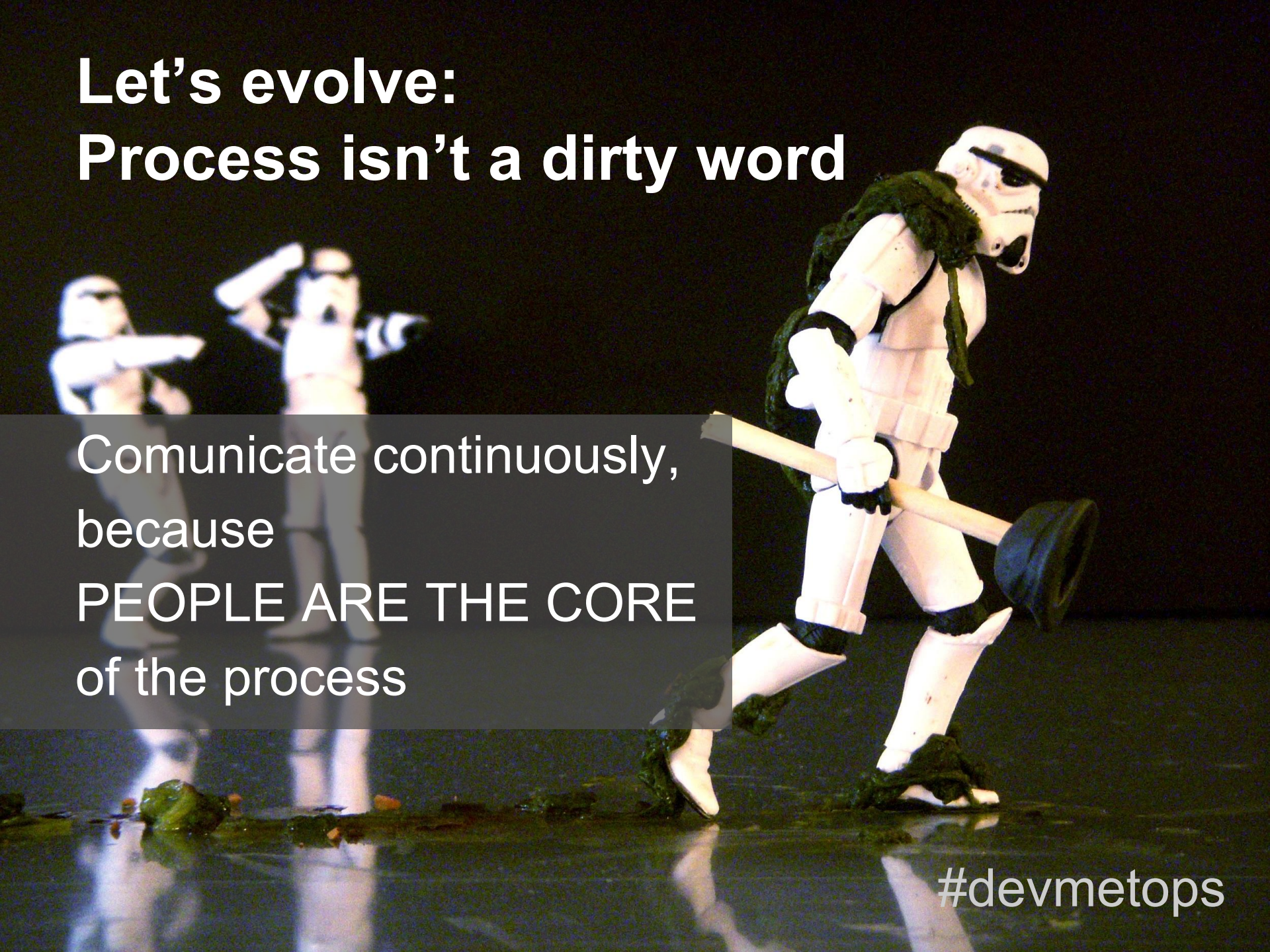


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Let's evolve: Process isn't a dirty word

Communicate continuously,
because
PEOPLE ARE THE CORE
of the process

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Let's evolve: Automation



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Let's evolve: Common toolchains



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Let's evolve: Infrastructure as code



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Let's evolve: Monitorization



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Oh my god IT is full of stars



MK

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What the hell is DevOps and why should I care?



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Benefits

- + Deployment frequency
- ++ Deployment speed
- Failure rate
- Time to recovery
- ++ Happiness
- Uncertainty

?? % ??

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Ship IT!

DEVELOPS

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Questions?

& tools & ...

**WHAT ARE
YOU
LOOKING AT?**



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**So long and thanks for
all the fish!**

A photograph of two Pixar robots, WALL-E and EVE, standing on a dark surface at night. WALL-E is on the left, holding a large firework that is exploding upwards, creating a bright, starburst pattern of light. EVE is on the right, holding a smaller firework that is also exploding upwards. The background is dark with many out-of-focus, colorful bokeh lights in shades of blue, green, and orange. The robots are illuminated by the light from the fireworks.

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