

EFFECTIVE

DEVELOPS

# WHAT IS DEVOPS?

**ITS REINVENTING,  
HOW WE  
RUN OUR BUSINESSES!!**

A LITTLE BIT ABOUT SOFTWARE RELEASE PROCESSES..

RELEASE PROCESSES HAVE FOUR MAJOR PHASES

*Source, Build, Test, Deploy*

ALWAYS CONSTANT

**DELIVERY MODEL**

**HAS**

**DRASTICALLY**

# SOFTWARE MOVES FASTER TODAY



*Your ability to move fast is paramount to your ability to fight off disruption*

**LET'S START  
MOVING  
QUICKLY.**

# Developers



A dramatic photograph of two firefighters in full protective gear, including red helmets with numbers 12 and 28, and silver turnout suits. They are spraying a powerful stream of water from a hose onto a massive, intense orange and yellow fire. The background is filled with smoke and flames. In the top right corner, a black rectangular box contains the word "Operations" in white, sans-serif capital letters.

# Operations



“It's not my machines,  
it's your code!”

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your machines!”

# LET'S DO DEVOPS!!

It is not the strongest of the species that survives, nor the most intelligent that survives. It is the one that is most adaptable to change.

– Charles Darwin

IT'S ALL ABOUT

**BLENDDED OR SHARED RESPONSIBILITIES  
BLAMELESS POSTMORTEMs  
SPEED VS STABILITY**

A group of men in historical military-style uniforms are marching in a procession. They are wearing tricorn hats with plumes and uniforms with red, green, and blue colors, white sashes, and white breeches. Some have white gloves. They are carrying large drums and drumsticks. The background shows a street with buildings.

Culture

You



# 7 HABITS OF HIGHLY EFFECTIVE DEVOPS!



**1. BE PROACTIVE  
CHANGE HAPPENS CONSTANTLY!!**

**INFORMATION IS IMPERFECT**

**EVERYONE MAKES MISTAKES**

**COMPLEX SYSTEMS HAVE COMPLEX FAILURES**

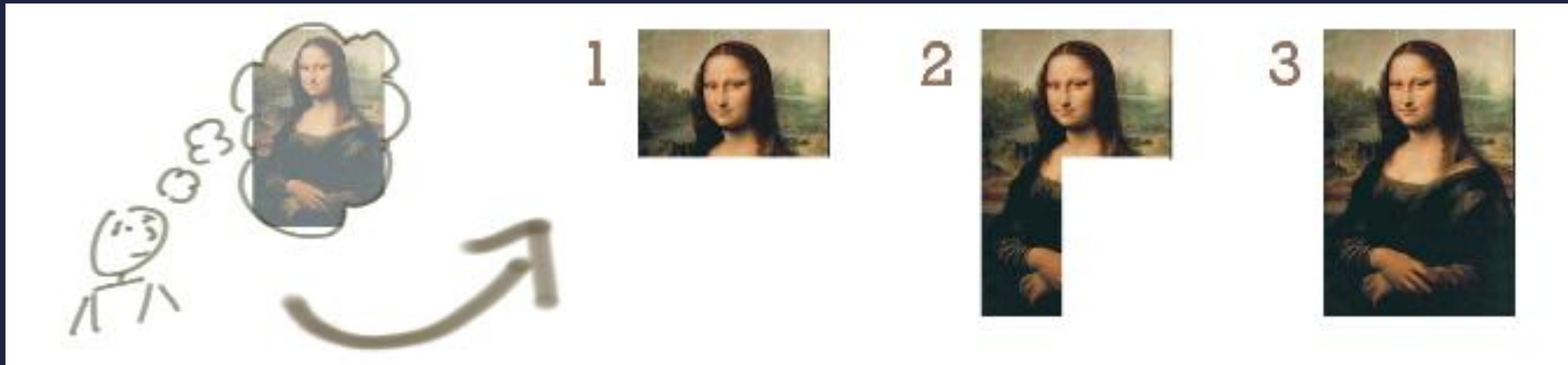
**FUNDAMENTAL SURPRISES HAPPEN**

**SOME THINGS CAN ONLY BE OBSERVED IN PRODUCTION**

**FAILURES CAN CASCADE**

A boxer in a red glove is leaning against the ropes of a boxing ring, looking down. A referee in a black shirt is standing behind him, watching. The background is dark.

**2. BEGIN WITH THE END IN MIND  
CONFIDENCE IN SHIPPING SOFTWARE INTO PRODUCTION.**





**3. PUT FIRST THINGS FIRST**

YOU NEED TO EXECUTE ON THE MOST IMPORTANT BUSINESS PRIORITIES.

NEED FOR A REPEATABLE PROCESS

LEAN AUTOMATION

VERSION CONTROLLING EVERYTHING

REDEFINING "DONE"

A black and white photograph showing two dark-colored horses pulling a sled across a snowy, mountainous terrain. The horses are harnessed to a sled, which is partially visible. The background features large, snow-covered mountains under a cloudy sky.

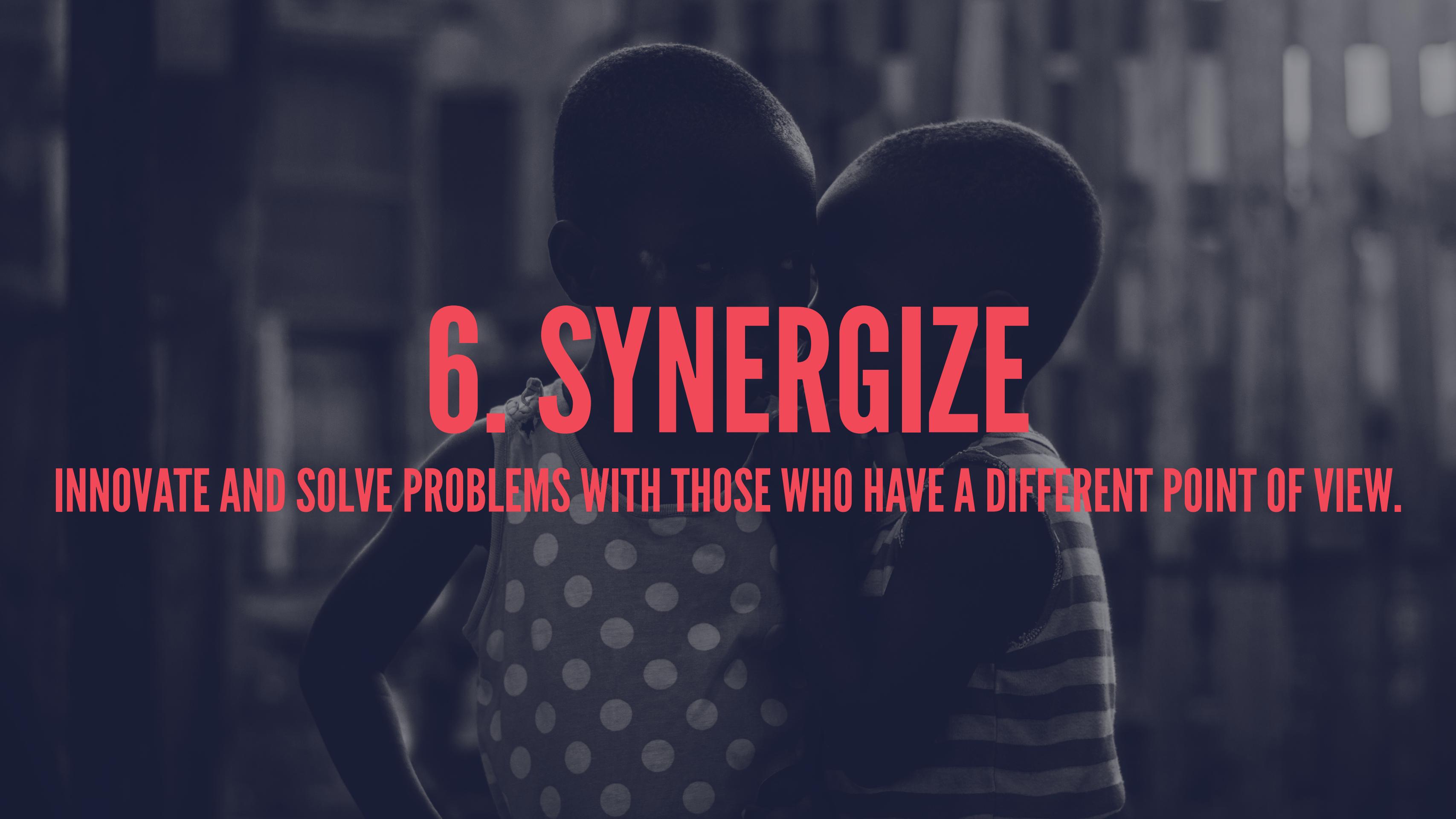
**4. PULL OVER PUSH  
ONLY ALERT ON WHAT IS ACTIONABLE.**

**DO NOT WORRY ABOUT SCALE.  
CHOOSE LANGUAGES AND TOOLS THAT FITS THE JOB .  
ELIMINATE NON VALUE ADDED ACTION**

A photograph of a person working at a wooden desk. In the foreground, a hand holds a white mug on a saucer. To the right, a hand uses a stylus on a tablet screen. On the desk, there's also a smartphone, a stack of papers with diagrams, and a glass of water. In the background, a bookshelf filled with books is visible.

**5. WRITE TESTS, COLLECT METRICS  
SEEK FIRST TO UNDERSTAND, THEN BE UNDERSTOOD.**

**UNIT TESTS**  
**INTEGRATION TESTS**  
**FUNCTIONAL TESTS**  
**SMOKE TESTS**

A black and white photograph showing the backs of two people's heads. They appear to be sitting in a dark room, possibly a theater or a lecture hall, as other rows of seats are visible in the background. Both individuals are wearing patterned shirts; one has a polka-dot pattern, and the other has horizontal stripes.

# 6. SYNERGIZE

INNOVATE AND SOLVE PROBLEMS WITH THOSE WHO HAVE A DIFFERENT POINT OF VIEW.

**THE FOUR EYE RULE,  
MINIMUM 2 PAIR OF EYES ON A EVERY PROBLEM.  
PRACTISE INCIDENT RESPONSE:  
OBSERVE, ORIENT, DECIDE, ACT**



# 7. SHARPEN THE SAW

ALWAYS KEEP LEARNING NEW SKILLS, READY TO ADOPT NEW PRACTICES.

**DEVOPS IS  
A CULTURAL AND PROFESSIONAL MOVEMENT,  
FOCUSED ON HOW WE BUILD AND OPERATE HIGH VELOCITY ORGANISATIONS,  
BORN FROM THE EXPERIENCES OF ITS PRACTITIONERS.**

**– ADAM JACOB**

**THANK YOU :)**