



Continuous Integration & Continuous Deployment

Davide



ORACLE®



@daftano



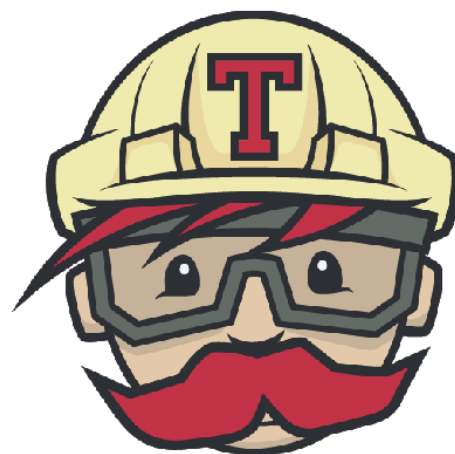
A white, arrow-shaped sign with a black border and a black arrow pointing left. The sign is mounted on a metal pole against a blue sky with clouds. The text "Automation Clinic" is written in a bold, sans-serif font, with "Automation" on the top line and "Clinic" on the bottom line.

**Automation
Clinic**





groovy-lang.org



CI



Jenkins / Blue Ocean #423

Branch master

Commit #601366d

Changes by Michael Neale, Ben Waldo and Ivan Meredith

3 minutes and 42 seconds

14 minutes ago

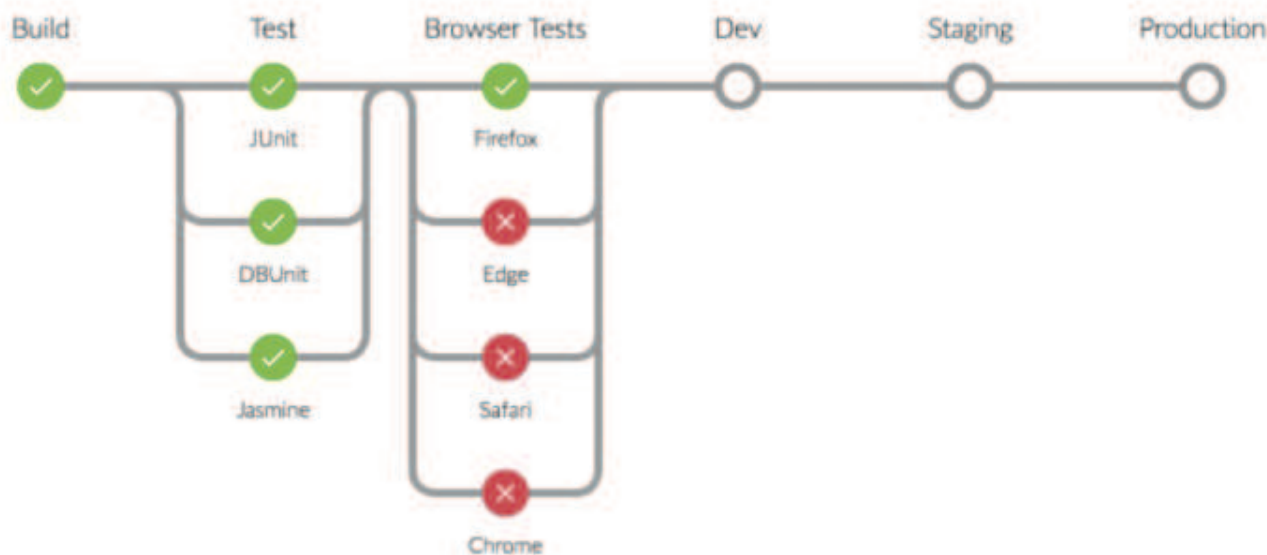
Pipeline

Changes

Tests

Artifacts

Re-run



Build log - Edge



✓	> Start Docker container	3 minutes and 42 seconds
✓	> Warm maven caches	5 seconds
✓	> Install Java Tools	8 seconds



Google

facebook

1

4

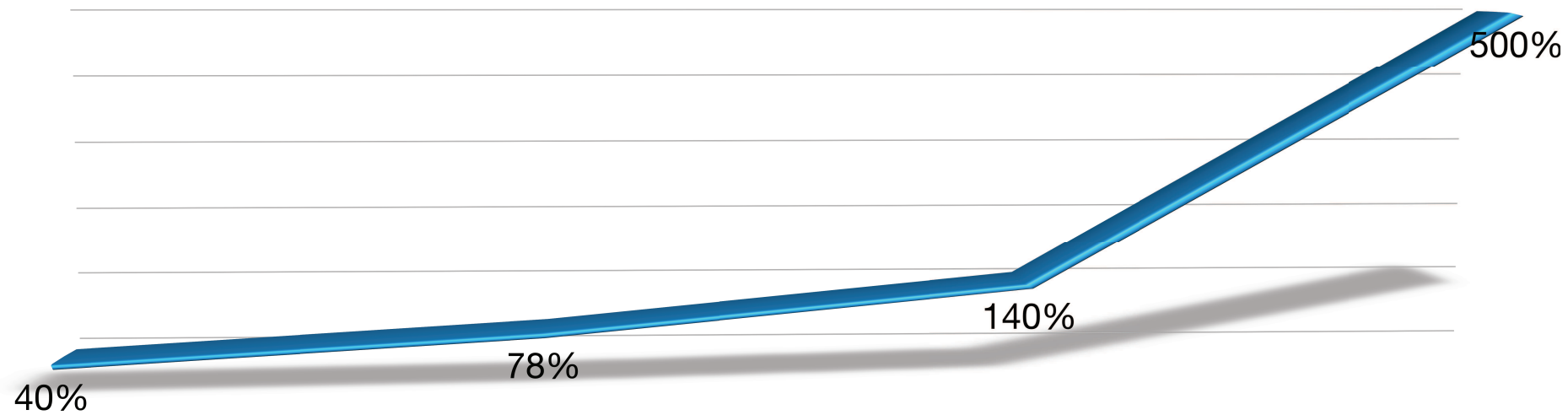
12

26

50,000

amazon

The Amazon logo consists of the word "amazon" in a bold, dark grey, sans-serif font. Below the word is a thick, orange curved arrow that starts under the 'a' and points towards the 'n', with the arrowhead pointing to the right.

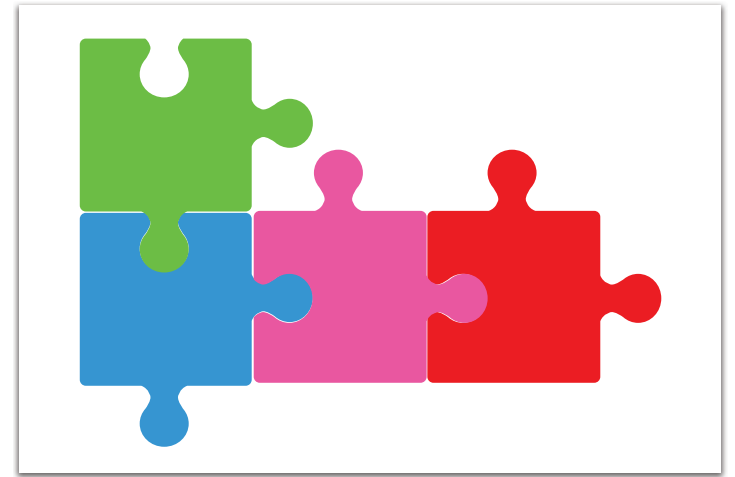
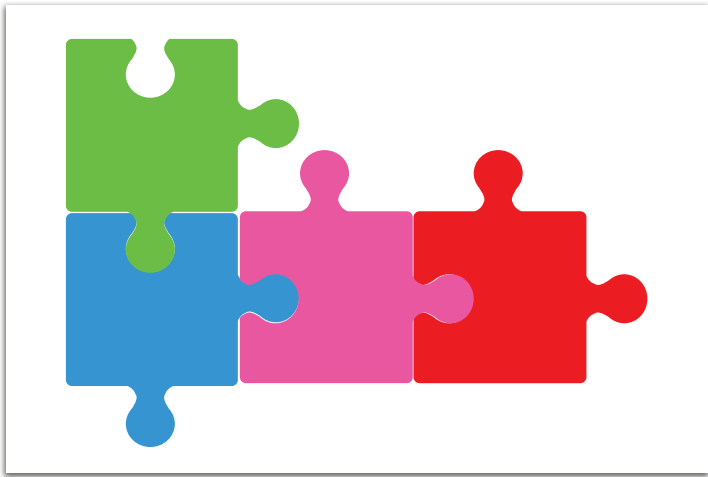
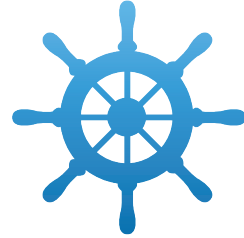




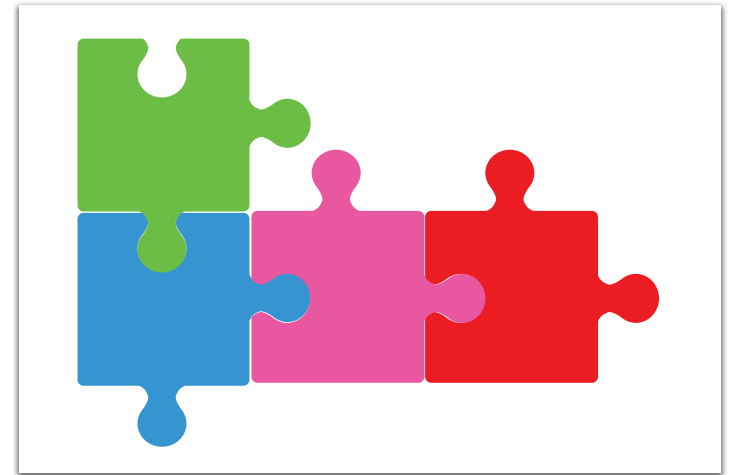
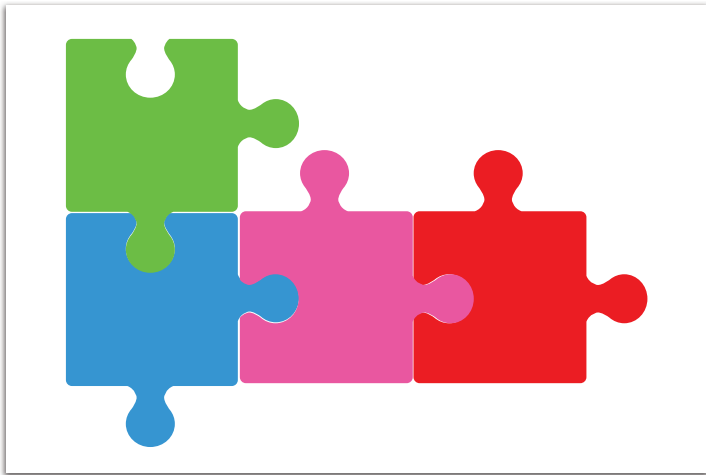
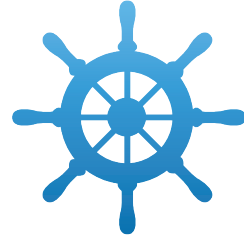
**Thousands of times
per day**

NETFLIX

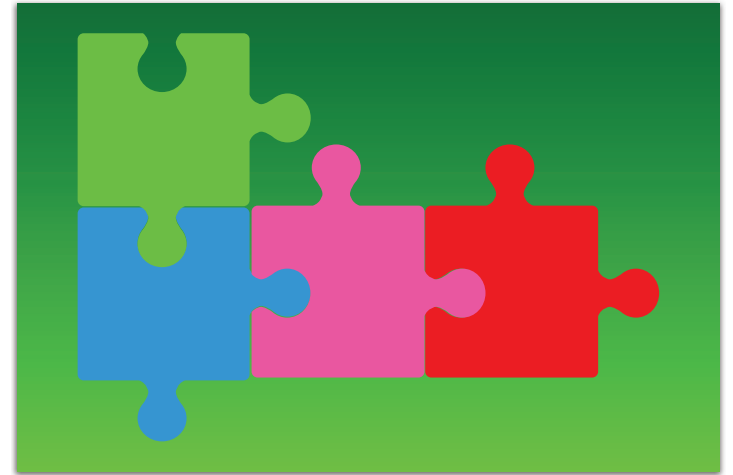
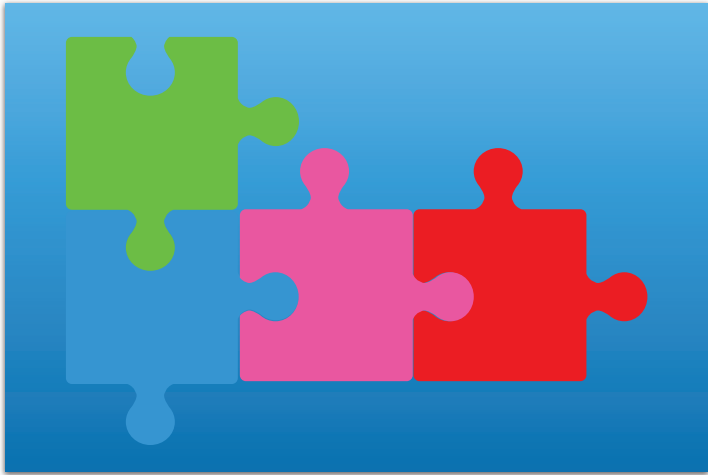
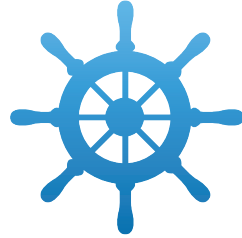




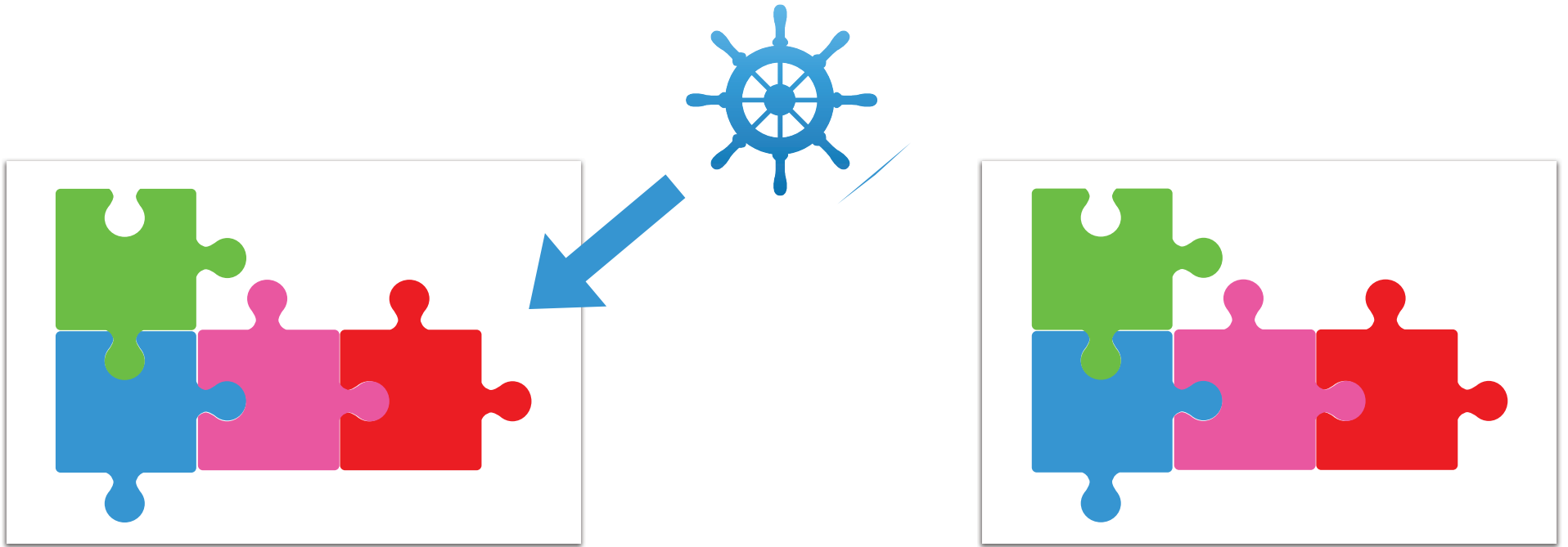
Recreate



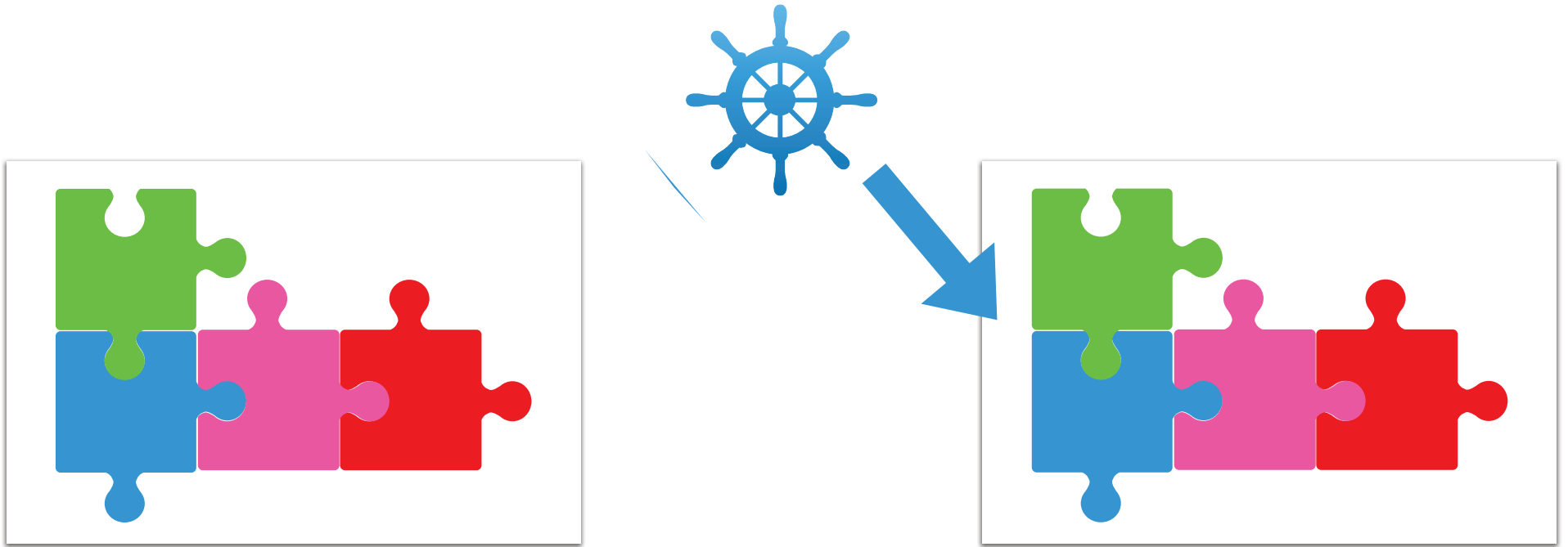
Ramped



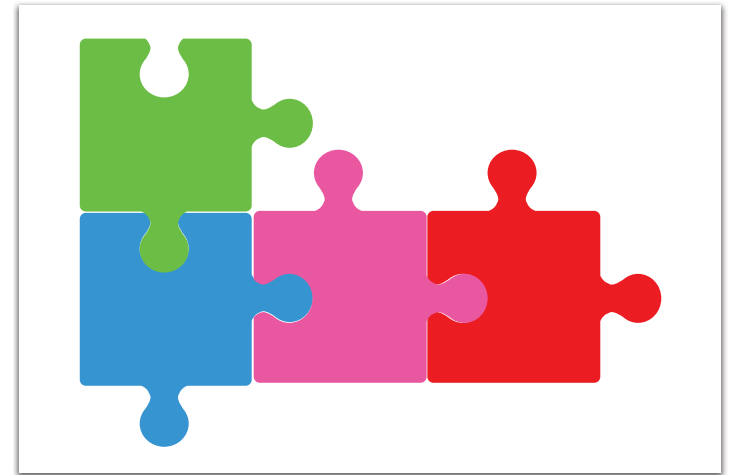
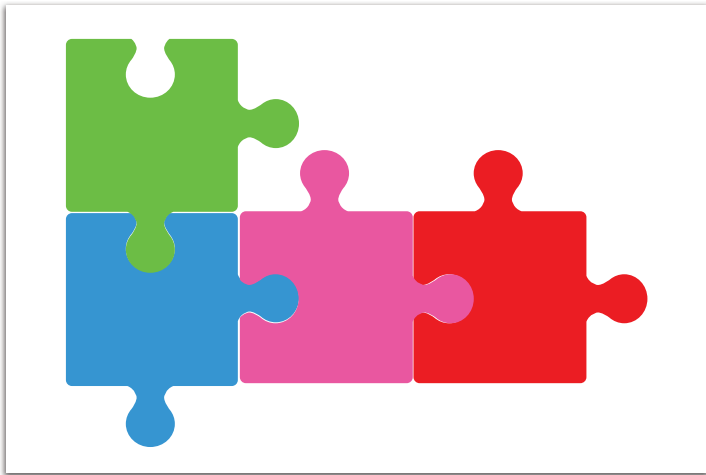
Blue / Green



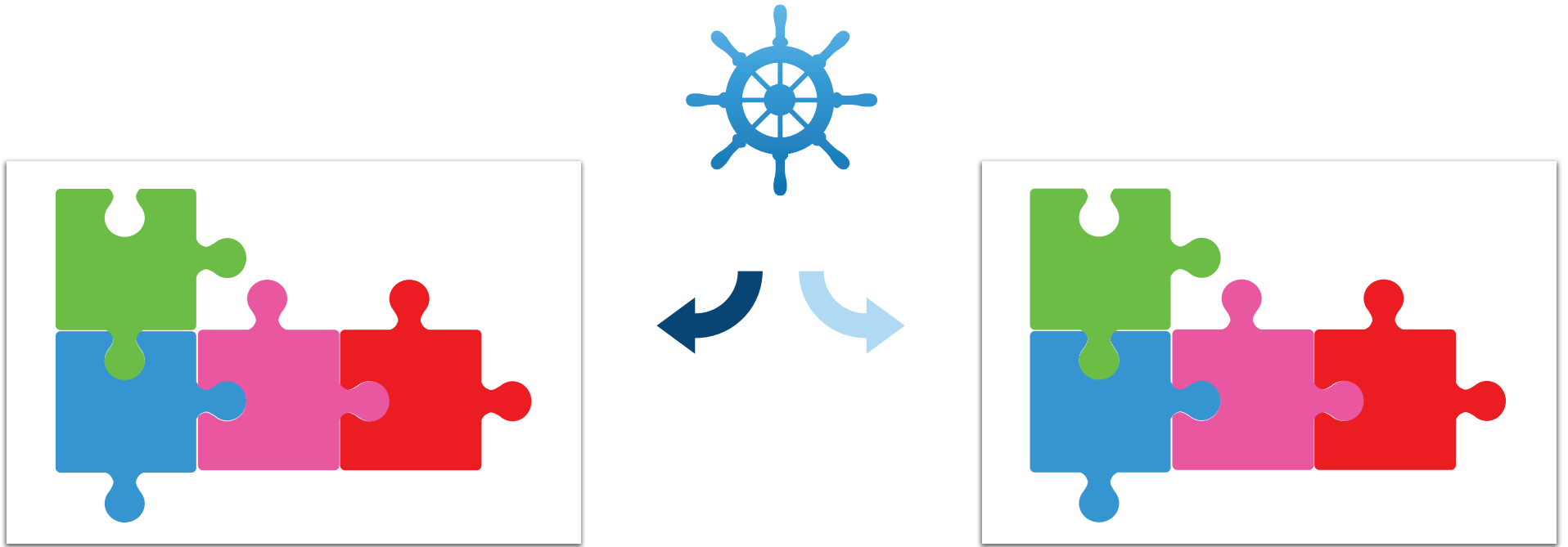
Canary



Canary



A/B testing



Shadow



docker



kubernetes

HAproxy

?

Seesaw

Nginx

Load balancer





@daftano