

A dramatic sunset scene featuring a tall, silhouetted church tower with a cross on top. A hot air balloon is visible in the sky to the right of the tower. The foreground shows a large, open square with several people walking, their figures also silhouetted against the bright light of the setting sun. The sky is filled with soft, golden clouds.

GOOD PROJECT FROM SCRATCH

A close-up profile photograph of a man with a beard and short hair, wearing a light blue button-down shirt and a lapel microphone. He is looking towards the right. The background is dark with some blue lighting on the left.

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0. DISCLAIMER

A glowing blue DNA double helix structure is shown against a dark background. The helix is composed of two strands connected by rungs, all emitting a bright blue light. The central part of the image is dominated by the text "1. ANALYSIS".

1. ANALYSIS

A glowing blue DNA double helix structure is the central focus of the image. The helix is rendered with a semi-transparent, wireframe-like appearance, showing the intricate details of the sugar-phosphate backbone and the base pairing. The structure is set against a dark, almost black background, which makes the bright blue light of the DNA stand out prominently. The lighting creates a sense of depth and highlights the three-dimensional nature of the molecule. The overall aesthetic is clean, modern, and scientific.

WHAT TO BUILD?

A glowing blue DNA double helix structure is the central focus of the image. The helix is rendered with a translucent, wireframe-like appearance, showing the intricate spiral and the base pairs connecting the two strands. The lighting is dramatic, with the DNA appearing to emit a bright blue glow against a dark, almost black background. The perspective is slightly angled, giving a sense of depth and movement. The overall aesthetic is clean, modern, and scientific.

WHAT PROBLEM TO SOLVE?

"The root of all evil in programming is misunderstanding of the problem. Ask right questions to right people before first line of code."

Mariusz Gil

"It's developers (mis)understanding
not expert knowledge that get's
released to production"

Alberto Brandolini

"Tech people must speak the language of Business people, not vice versa."

Stefan Priebisch

"The limits of my language mean the
limits of my world."

Ludwig Wittgenstein



EVENT STORMING

Impact
Full

Pow
Wow

"The only thing that is constant is
change."

Heraclitus

A top-down view of a spiral staircase. The staircase is made of dark, possibly black, metal or wood, with a central yellow circular light fixture. The light fixture has a spiral pattern, matching the staircase. The text "2. ARCHITECTURE" is overlaid in white, bold, sans-serif font in the center of the image.

2. ARCHITECTURE



MONOLITH VS MICROSERVICES

"you shouldn't start a new project with
microservices"

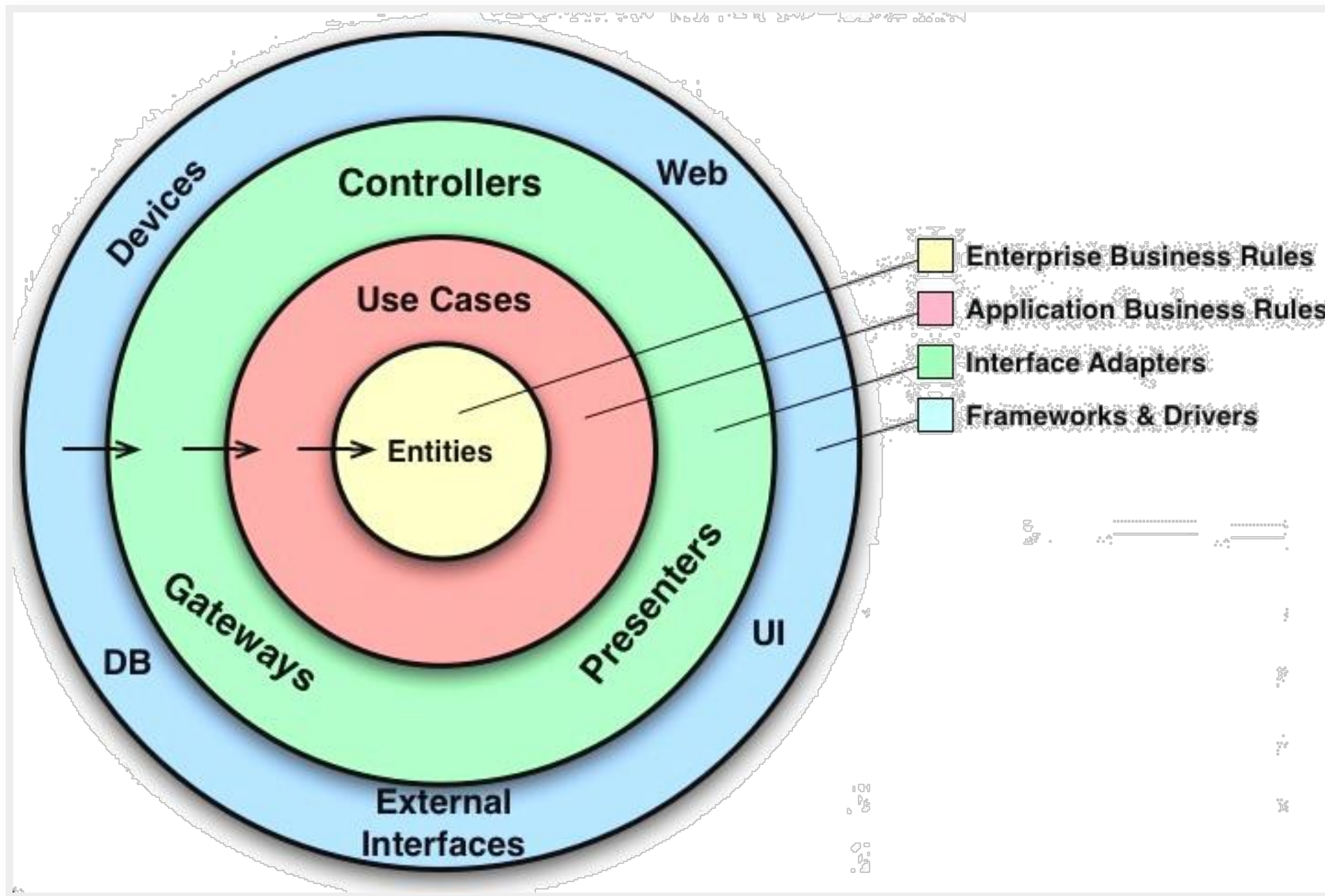
Martin Fowler



**SERVICE ORIENTED
ARCHITECTURE**

A photograph of a spiral staircase with a wooden handrail and a glowing yellow circular light fixture in the center, with the text "CLEAN ARCHITECTURE" overlaid.

CLEAN ARCHITECTURE



A night sky filled with stars and the Milky Way galaxy, with a silhouette of a tree in the foreground. The text "YOU'RE NOT UNIQUE" is overlaid in the center.

YOU'RE NOT UNIQUE

A night sky with the Milky Way galaxy visible, silhouetted against a dark background. The text "DON'T REINVENT THE WHEEL" is overlaid in white, bold, uppercase letters. The background features a dark blue and purple sky with numerous stars and the Milky Way galaxy. In the foreground, the dark silhouette of a tree is visible on the left side, and a low horizon line is seen at the bottom.

DON'T REINVENT THE WHEEL

ANIPAS



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- A person is walking through a dark space where large letters 'AI' and 'IoT' are formed by blue lights. The background is filled with colorful bokeh lights in red, purple, and blue. A list of technologies is overlaid on the image.
- microservices
 - serverless
 - artificial intelligence
 - machine learning
 - blockchain
 - nosql
 - virtual/augmented reality
 - internet of things
 - cloud computing
 - deep learning
 - quantum computing



3. TESTS

Ferrari
AC 133 R

Ferrari
AC 133 L

A high-angle, close-up photograph of a Ferrari V8 engine. The engine is painted a light grey color and features three prominent red vertical stripes on each of the four intake manifolds. The engine is surrounded by various components, including black plastic air filters with 'Ferrari' and 'AC 133 L' branding, a yellow-capped reservoir, and various hoses and wires. The background shows the dark interior of the car's engine bay and the red exterior of the hood.

TEST DRIVEN DESIGN

A detailed view of a Ferrari V8 engine, showing the central intake manifold with three red stripes, the valve covers, and the cooling fans. The engine is mounted in a dark engine bay. The text "TESTS ! == TEST DRIVEN DESIGN" is overlaid in white, bold, sans-serif font across the center of the image. The cooling fans on either side have "Ferrari" and "AC 133 L" embossed on them. A yellow cap is visible on the right side of the engine.

TESTS ! == TEST DRIVEN DESIGN

"If it's hard to write a test, it's a signal that you have a design problem, not a testing problem"

Kent Beck



L₁

E₁

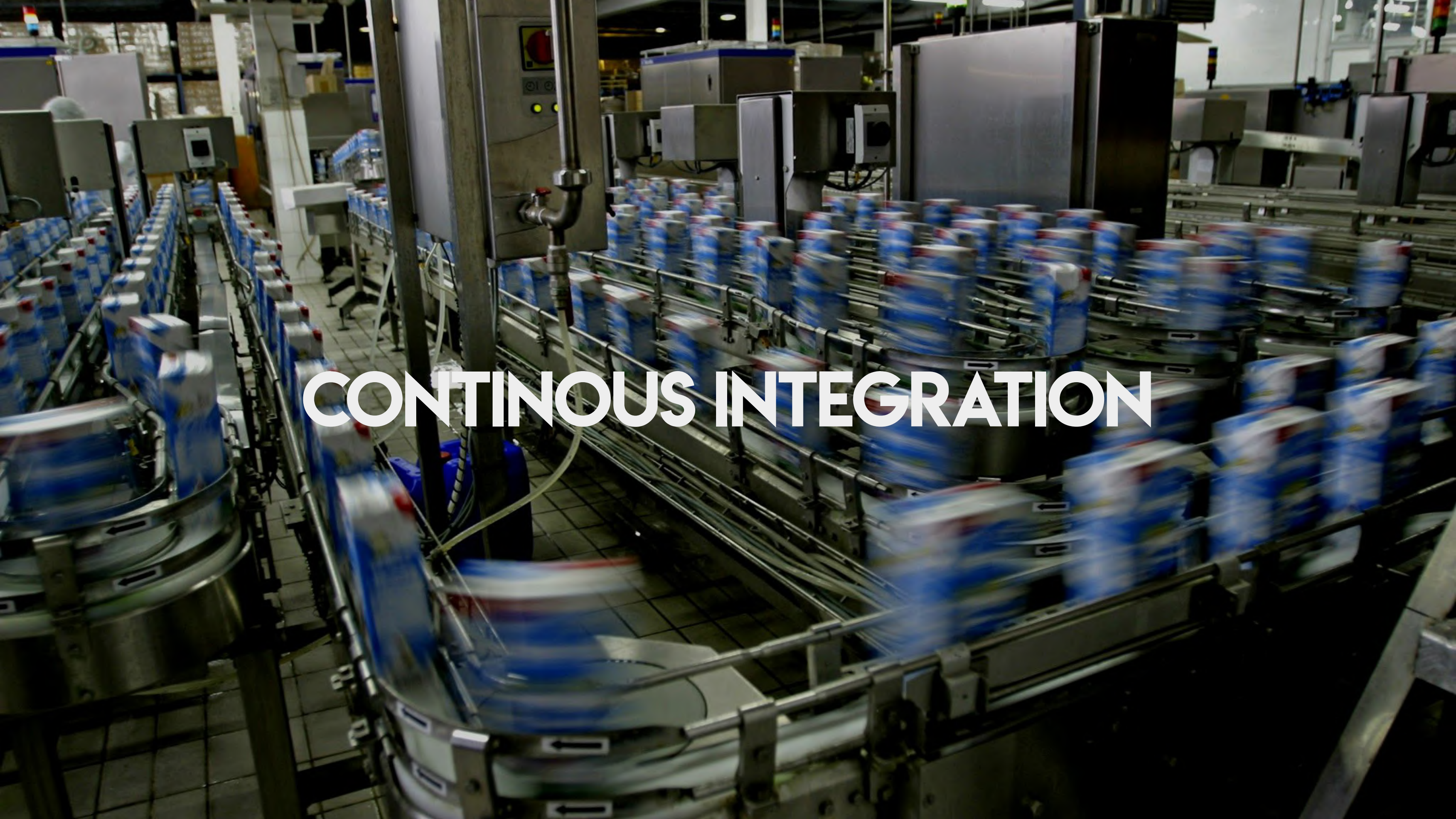
A₁

R₁

N₁



5. CONTINUOUS ...



CONTINUOUS INTEGRATION



CONTINUOUS DEPLOYMENT



DEPLOYMENT != RELEASE



LIKE
·A·
BOSS

6. MONITORING & LOGGING



7. METRICS



A vintage aircraft instrument panel is shown, featuring several analog gauges and dials. The gauges include a tachometer (RPM), manifold pressure gauge, oil pressure gauge, fuel pressure gauges, and oil temperature gauge. The text "BUSINESS METRICS" is overlaid in large, white, bold letters across the center of the image. The background is dark, and the lighting highlights the instruments and the control yokes on the left side.

BUSINESS METRICS



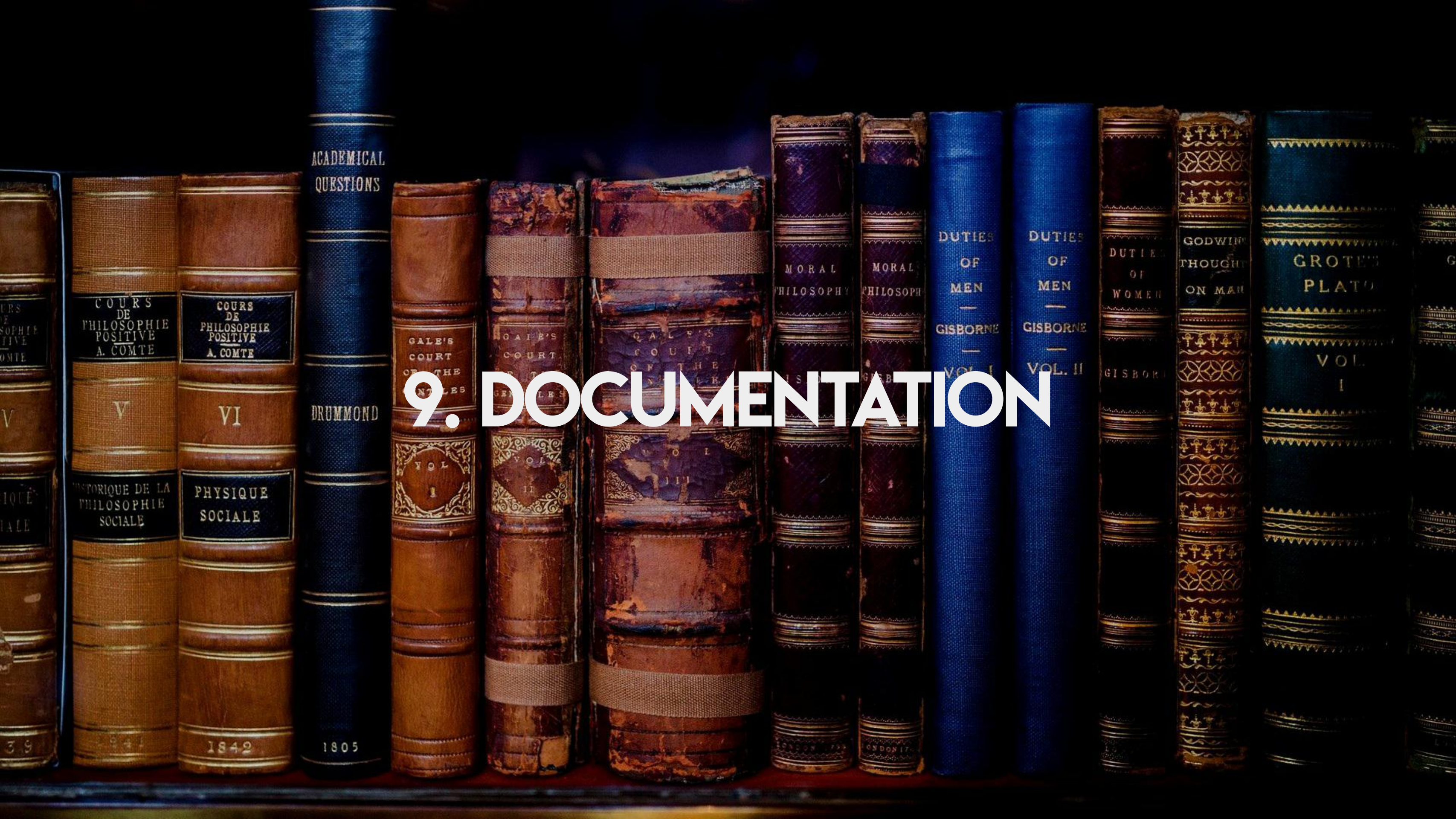
8. AUTOMATION



IF IT MOVES, AUTOMATE IT!

"If boring repetitive things aren't automated a manager gets hired."

Niranjan Paranjape



9. DOCUMENTATION



START WITH README

ACADEMICAL
QUESTIONS

DRUMMOND

1805

COURS
DE
PHILOSOPHIE
POSITIVE
A. COMTE

V

HISTORIQUE DE LA
PHILOSOPHIE
SOCIALE

COURS
DE
PHILOSOPHIE
POSITIVE
A. COMTE

VI

PHYSIQUE
SOCIALE

1842

GALE'S
COURT
OF THE
ENTITIES

VOL
I

GALE'S
COURT
OF THE
ENTITIES

VOL
II

GALE'S
COURT
OF THE
ENTITIES

VOL
III

MORAL
PHILOSOPHY

MORAL
PHILOSOPHY

DUTIES
OF
MEN
—
GISBORNE
—
VOL. I

DUTIES
OF
MEN
—
GISBORNE
—
VOL. II

DUTIES
OF
WOMEN
—
GISBORNE

GODWIN'S
THOUGHTS
ON MAN

GROTE'S
PLATO

VOL
I

"Documentation is a love letter that
you write to your future self."

Damian Conway



10. COMMUNICATION



**COMMUNICATION
IS NOT A SOFT SKILL**



**COMMUNICATION
IS A CORE SKILL!**

"People who don't share their knowledge look more productive because they're holding back the entire team."

Jessica Kerr

"I wish the understanding were more widespread that we plateau in coding skill mid-career, it is all about communication after that"

Denton Gentry

A person is shown from the back, wearing a dark beanie and a dark t-shirt. They are holding a clear plastic water bottle in their right hand, which is raised. Their left hand is also raised, with the index finger pointing towards the right. The background is dark, with a bright light source at the top center creating a lens flare effect. The text "THANK YOU!" is overlaid in white, bold, sans-serif font across the middle of the image.

THANK YOU!



QUESTIONS