

Practical Coding Principles for Sustainable Development



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Coded HTML for Netscape 🪦

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[HTTPS://ERRMAKOV.COM](https://errmakov.com)

%whatever% is suffering //Buddha

But, coding is beyond suffering

Coding is a
relentless choice
between bad  and

worse 

//Unknown Samurai

Our blessed...

Their barbaric...

microservices

monolith

server rendering

client rendering

space complexity

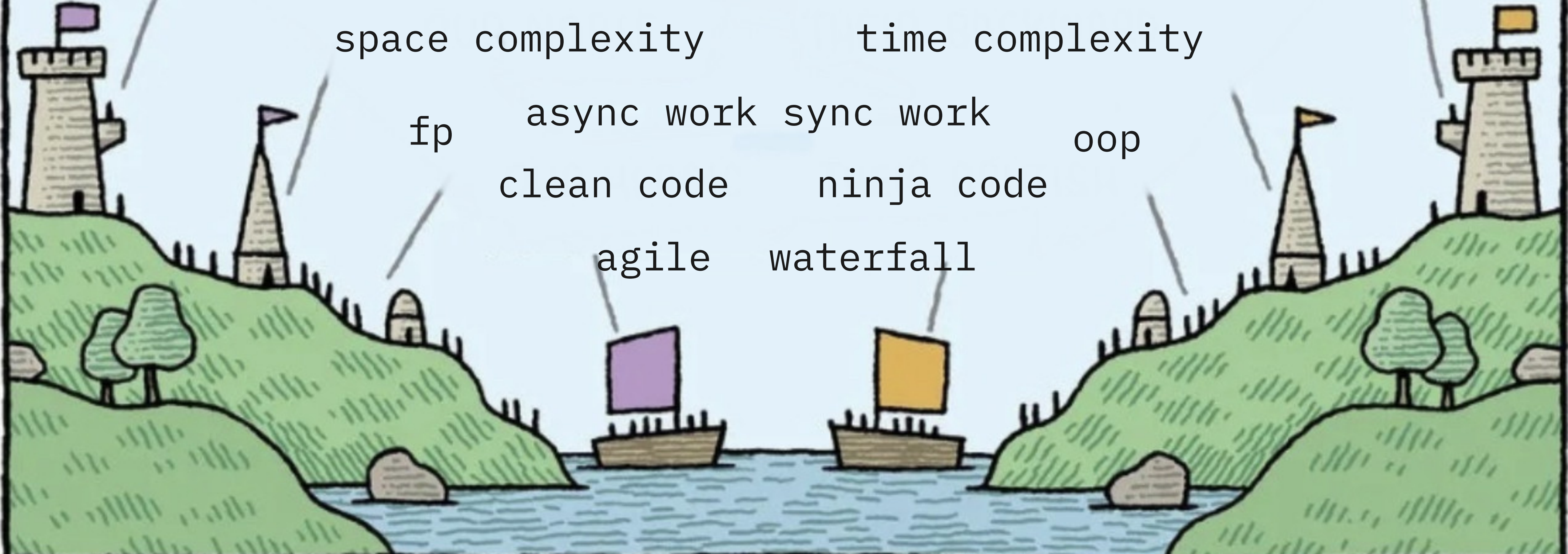
time complexity

fp async work sync work

clean code ninja code

agile waterfall

oop

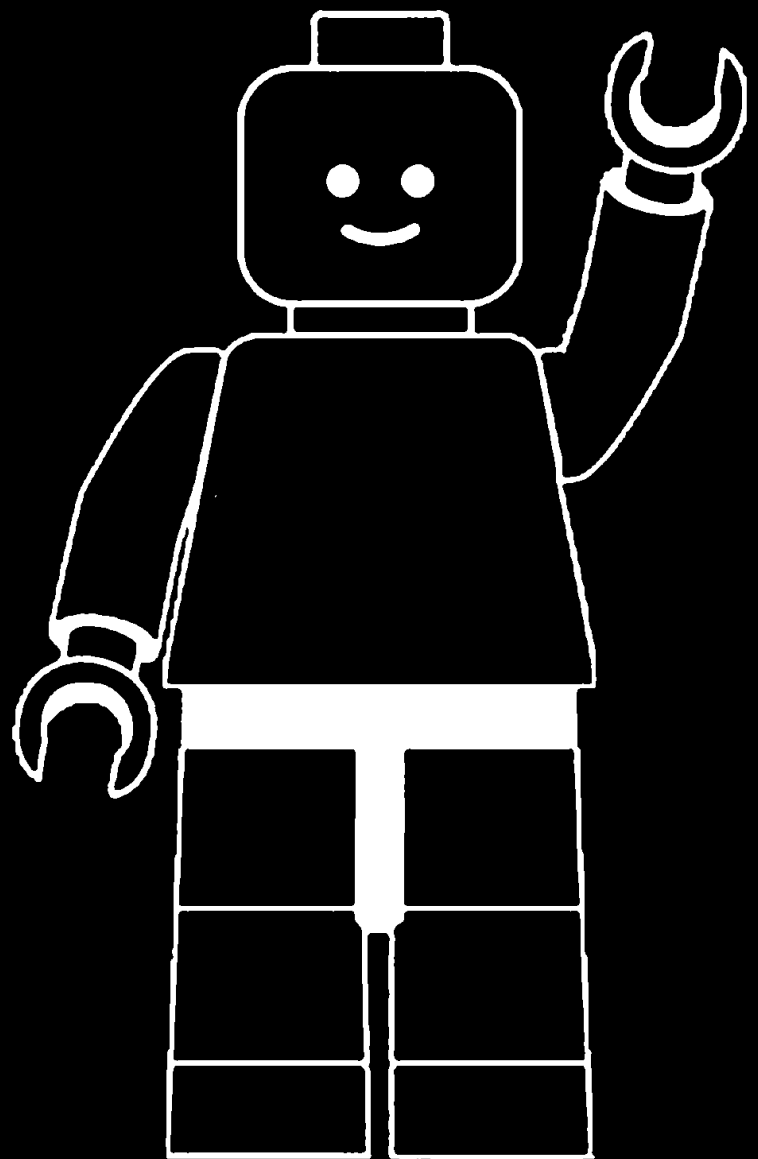


Imagine, code is just a set of **words to translate** business requirements into machine code.

So, coding is
communication

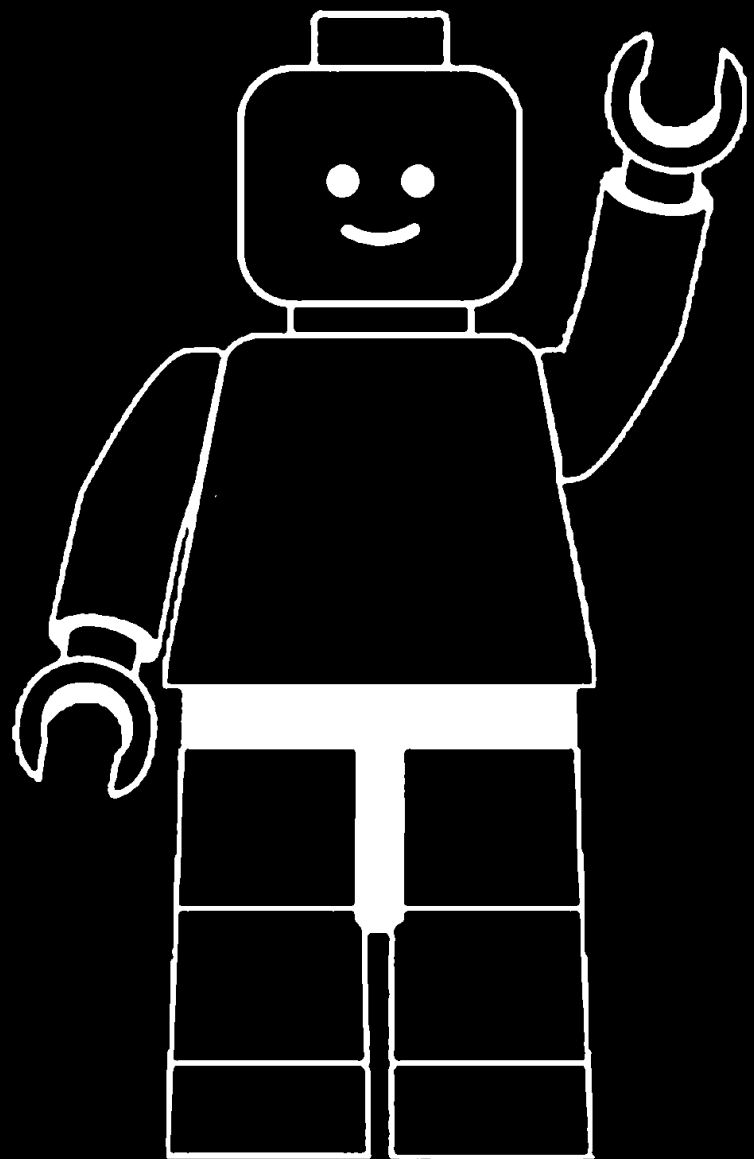
There are so many problems...

I didn't get it

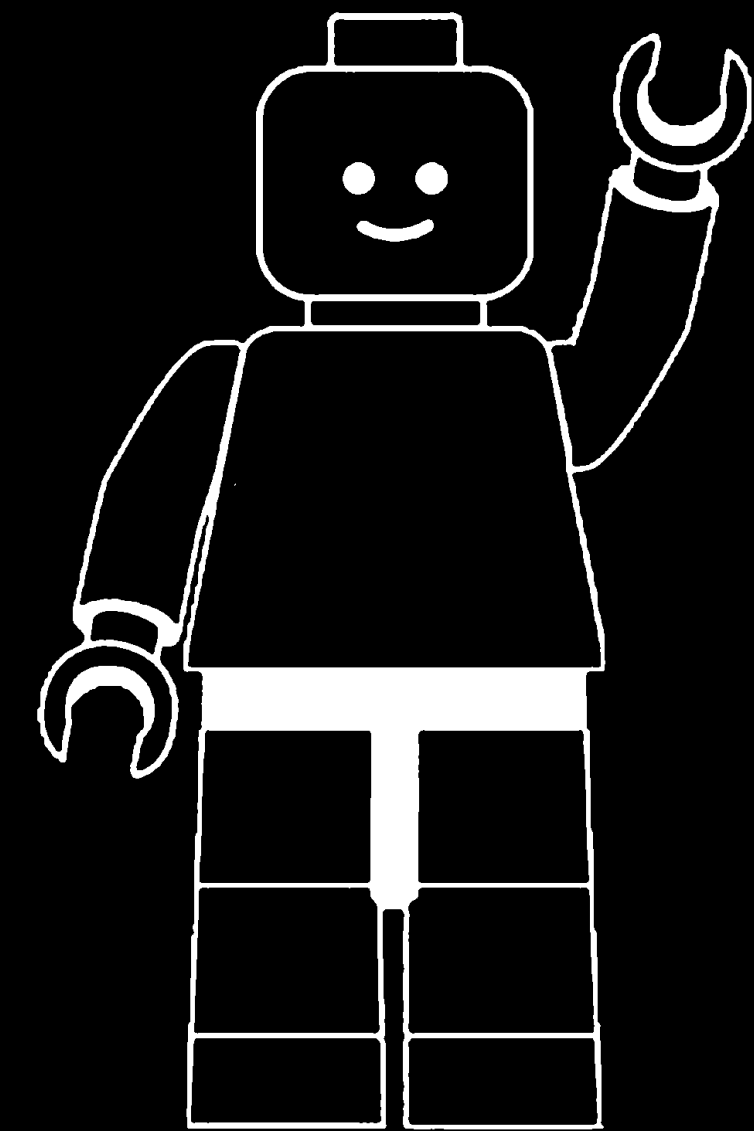


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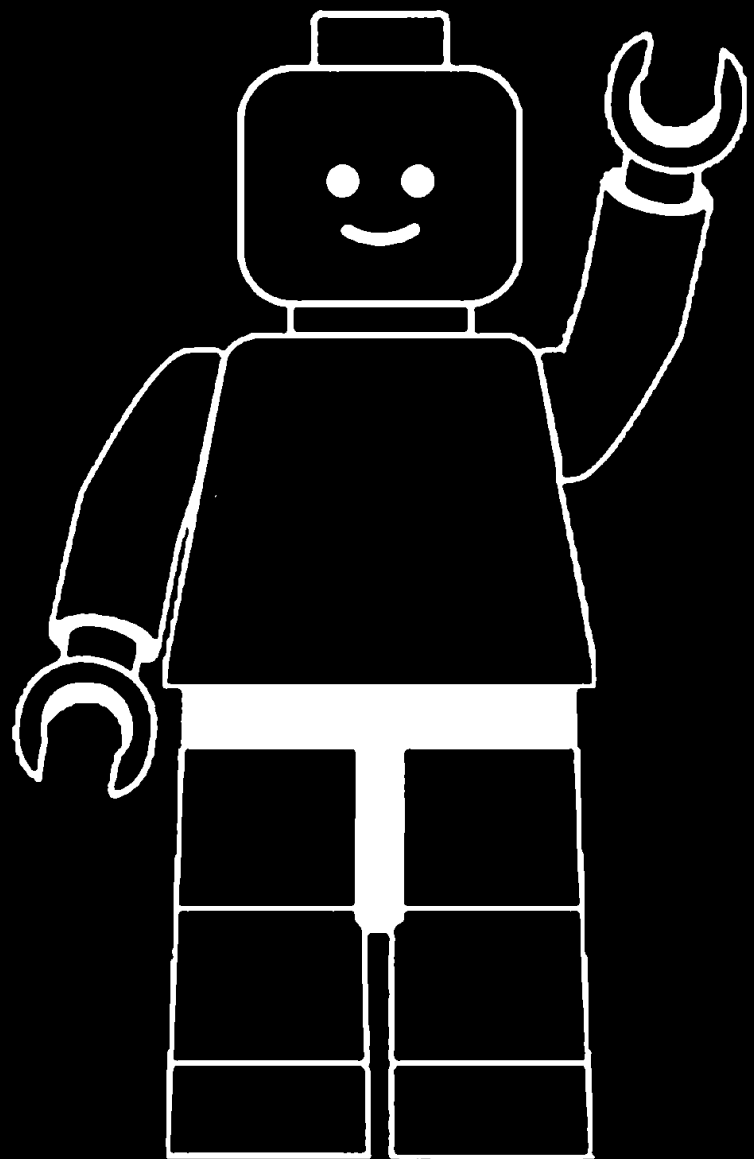


I forgot it

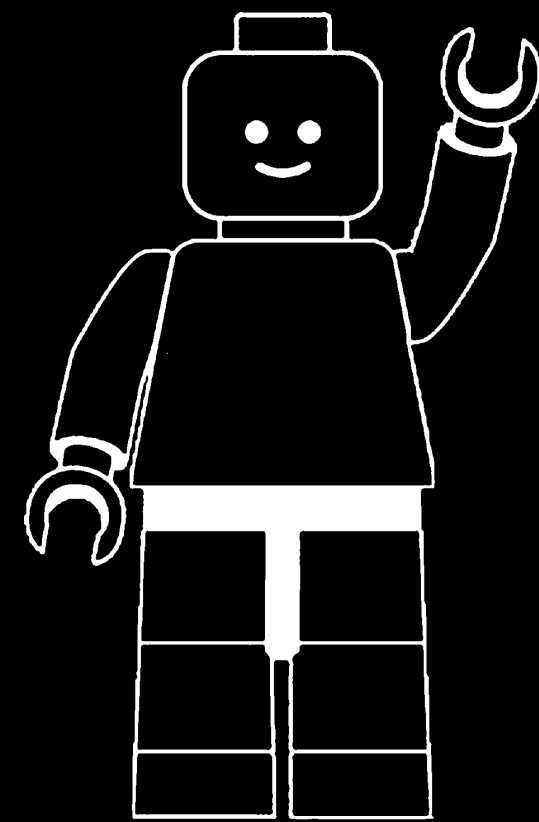


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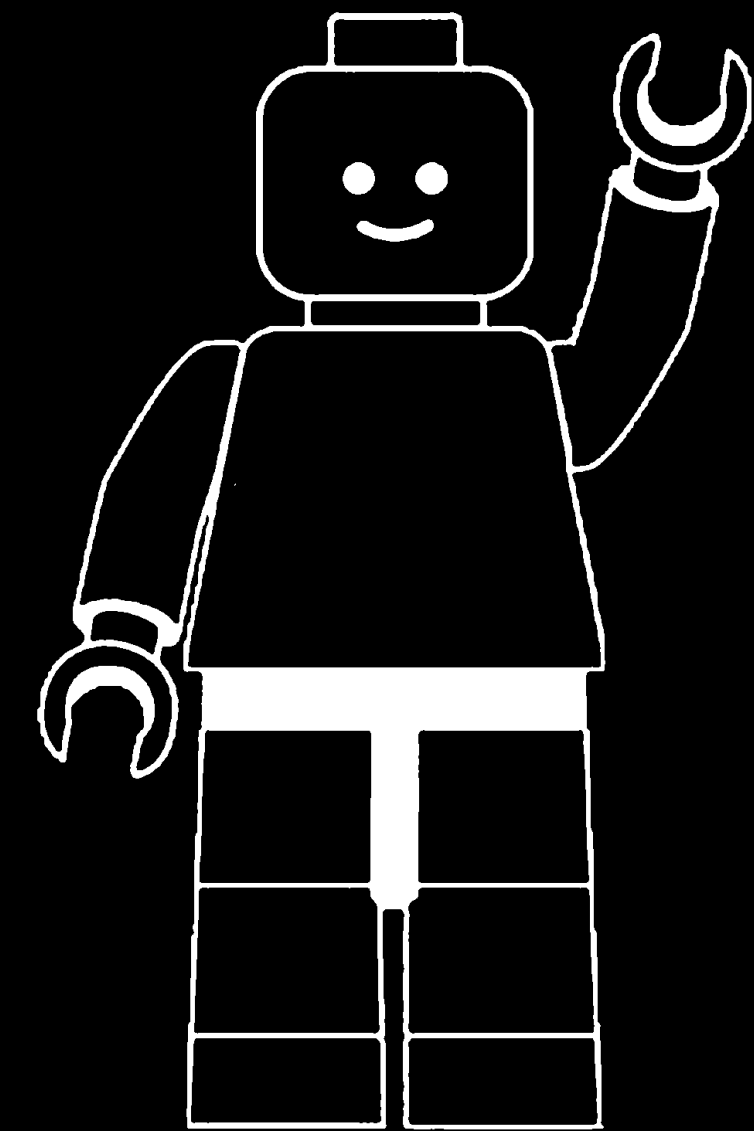
I didn't get it



I didn't
hear it

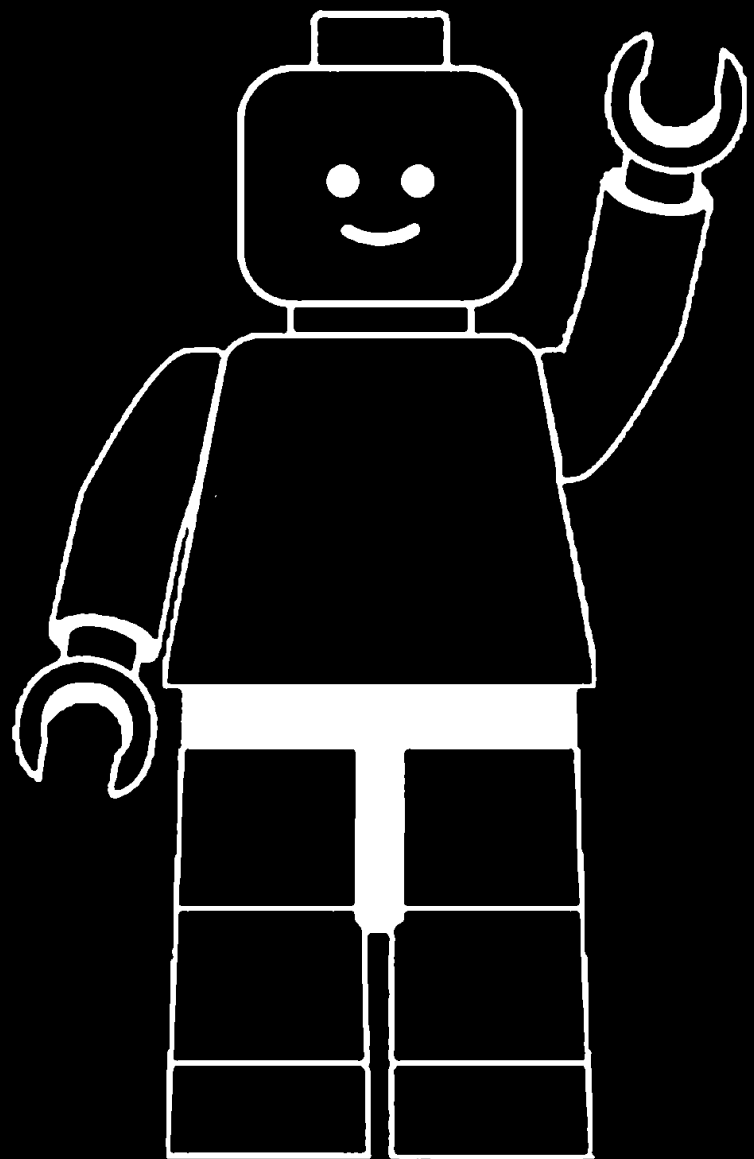


I forgot it

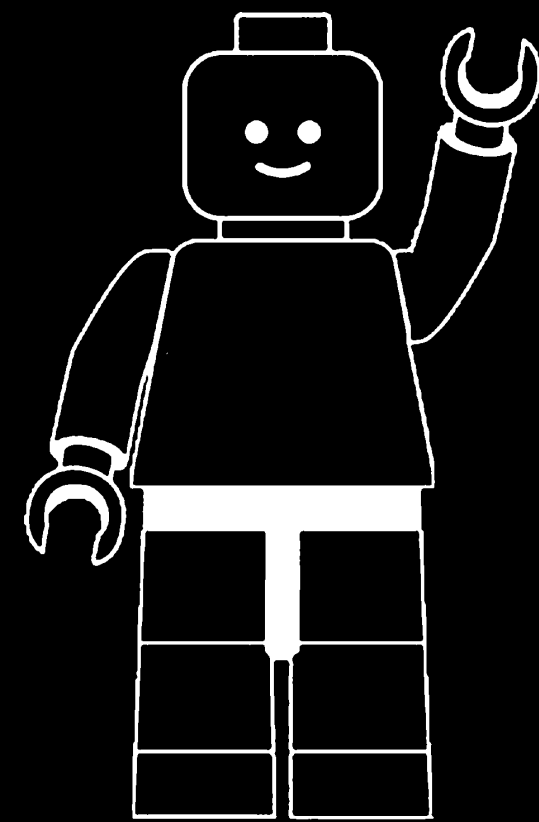


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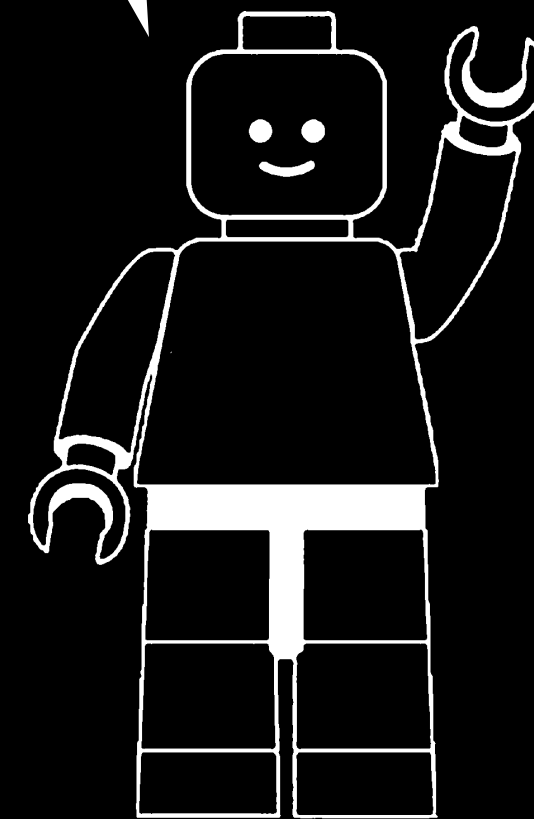
I didn't get it



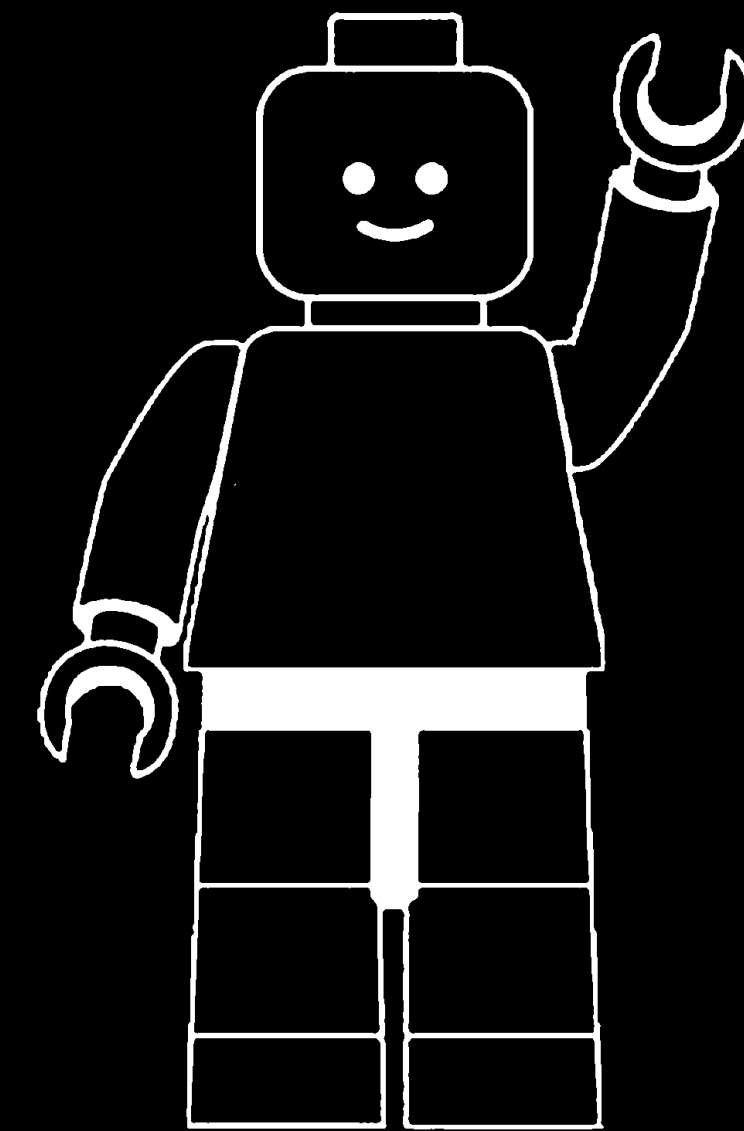
I didn't
hear it



I don't
like it



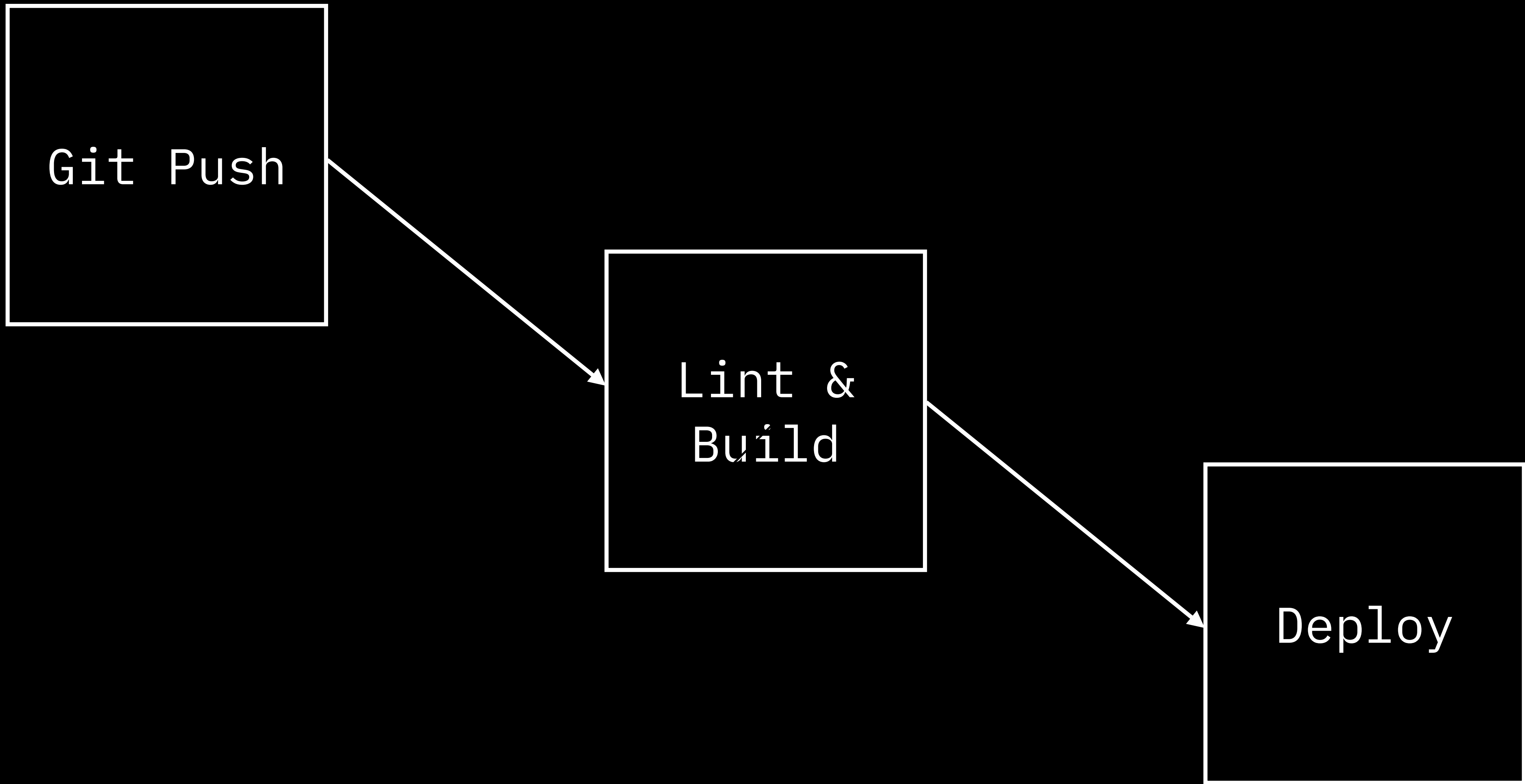
I forgot it



Corollary #1

The best code
is no code.

// let's see



Corollary #2

The best lib
is no lib.

// let's see

Corollary #3

Still, if you
need words -
code them 😈

// let's see

Corollary #4

Foster your
team's
dictionary

Start with...

Done

// What does "Done" mean?

Remember «Corollary 3»?

Code them!

Still have to communicate?

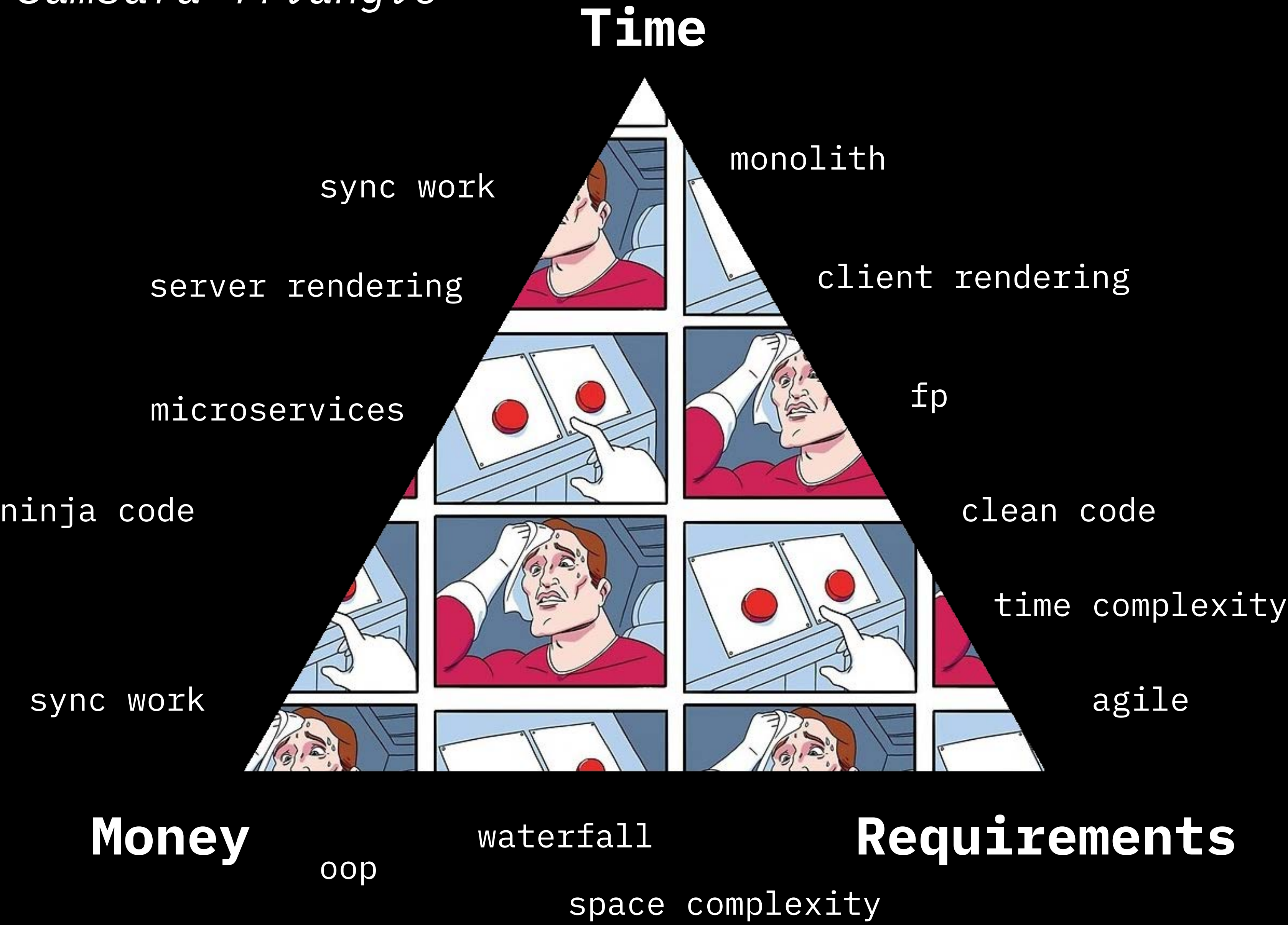
Shorten feedback loops



Back to communication

Most people feel
uncomfortable in
uncertainty.

Manager's Samsara Triangle



How can we empower inner resilience?

Simply, follow your
principles. Share
them with your
team. Enjoy!

What even are principles, dude?

[1] Take them from above

What even are principles, dude?

1 Take them from above

[2] Take them from Scrum

What even are principles, dude?

- 1 Take them from above
- 2 Take them from Scrum
- [3] Take them from Agile

What even are principles, dude?

- 1 Take them from above
- 2 Take them from Scrum
- 3 Take them from Agile
- [4] Take them from KANBAN


What even are principles, dude?

- 1 Take them from above
- 2 Take them from Scrum
- 3 Take them from Agile
- 4 Take them from KANBAN
- [5] Take them from Prince

What even are principles, dude?

[6] Even take The 10 Commandments

But take them entirely!

Our highest priority is to satisfy the customer through early and continuous delivery of valuable software ✓	Welcome changing requirements, even late in development	Deliver working software frequently ✓	Business people and developers must work together daily
Build projects around motivated individuals	The most efficient and effective method of conveying information, and within a development team is face-to-face conversation ✓ 	Working software is the primary measure of progress	The sponsors, developers, and users should be able to maintain a constant pace
Continuous attention to technical excellence and good design enhances agility ✓	Simplicity - the art of maximizing the amount of work not done - is essential ✓	The best architectures, requirements, and designs emerge from self-organizing teams	At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly

What else?

Build your daily
routines day by
day ∞

You've already been owned if you...

[1] choose comfortable tasks over those that
truly matter

You've already been owned if you...

1 choose comfortable tasks over those that truly matter

[2] try to figure out the «best» solution instead of just a workable one.

You've already been owned if you...

1 choose comfortable tasks over those that truly matter

2 try to figure out the «best» solution instead of just a workable one.

[3] ...are tired 🥱

Next best action...

[1] Remove one library from your app.

Next best action...

1 Remove one library from your app.

[2] Eliminate one item from your backlog.

Next best action...

- 1 Remove one library from your app.
- 2 Eliminate one item from your backlog.
- [3] Define your DONE and automate it.

...Or at

least get

some rest

// FIN



«Syntactic
sugar causes
cancer of
the semi-
colons»