



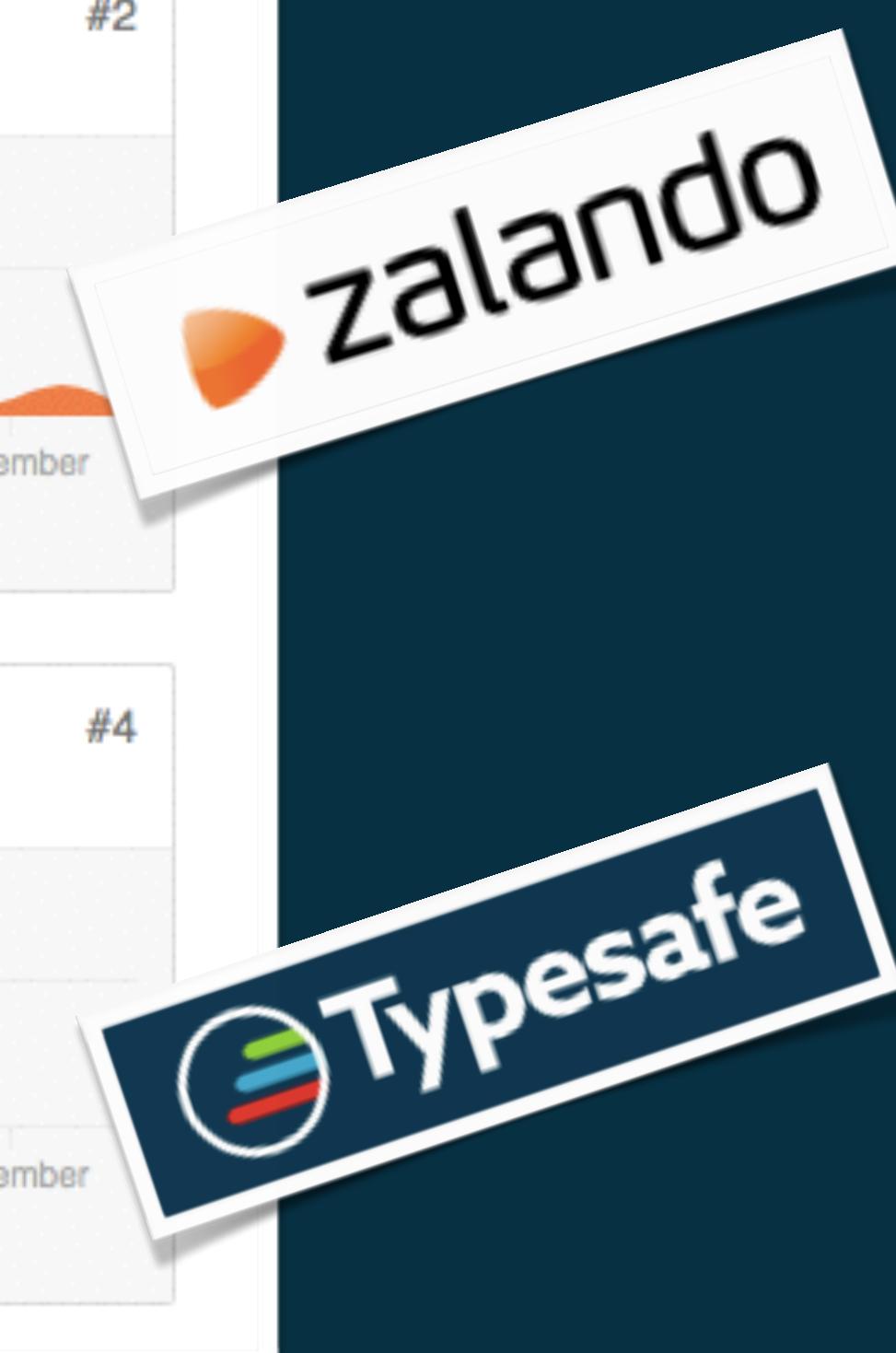
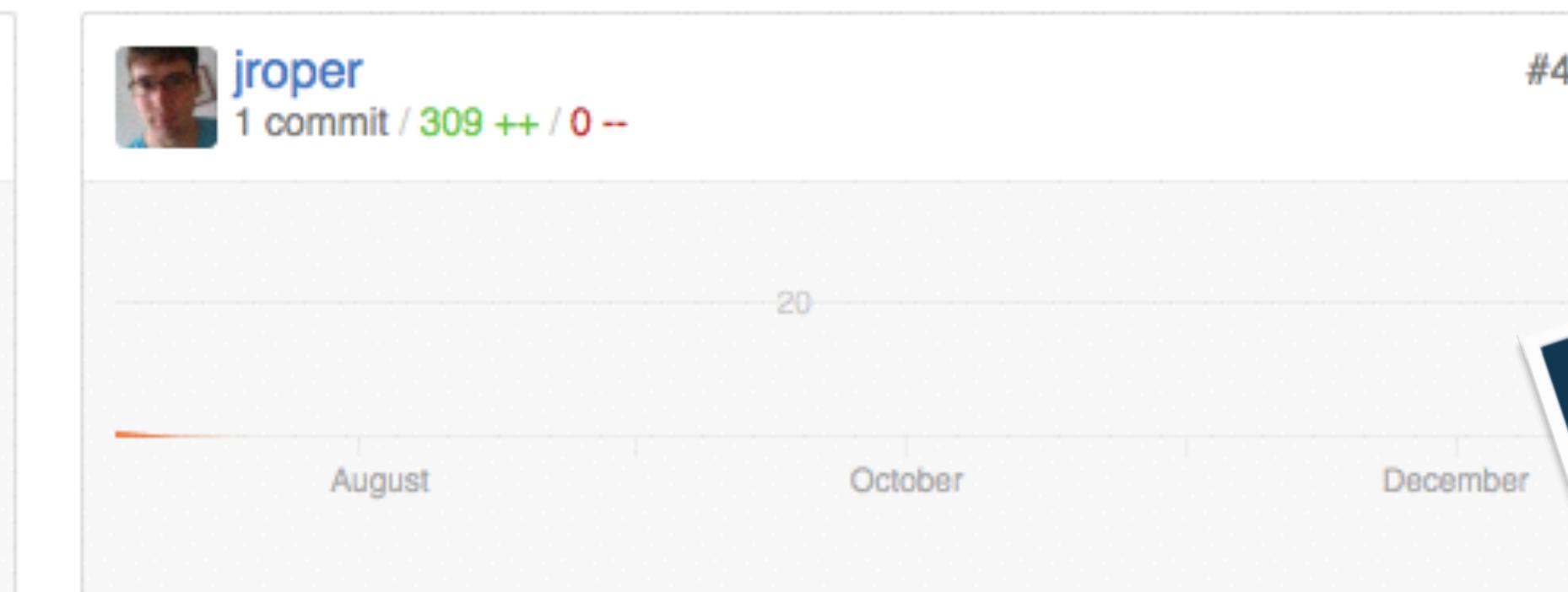
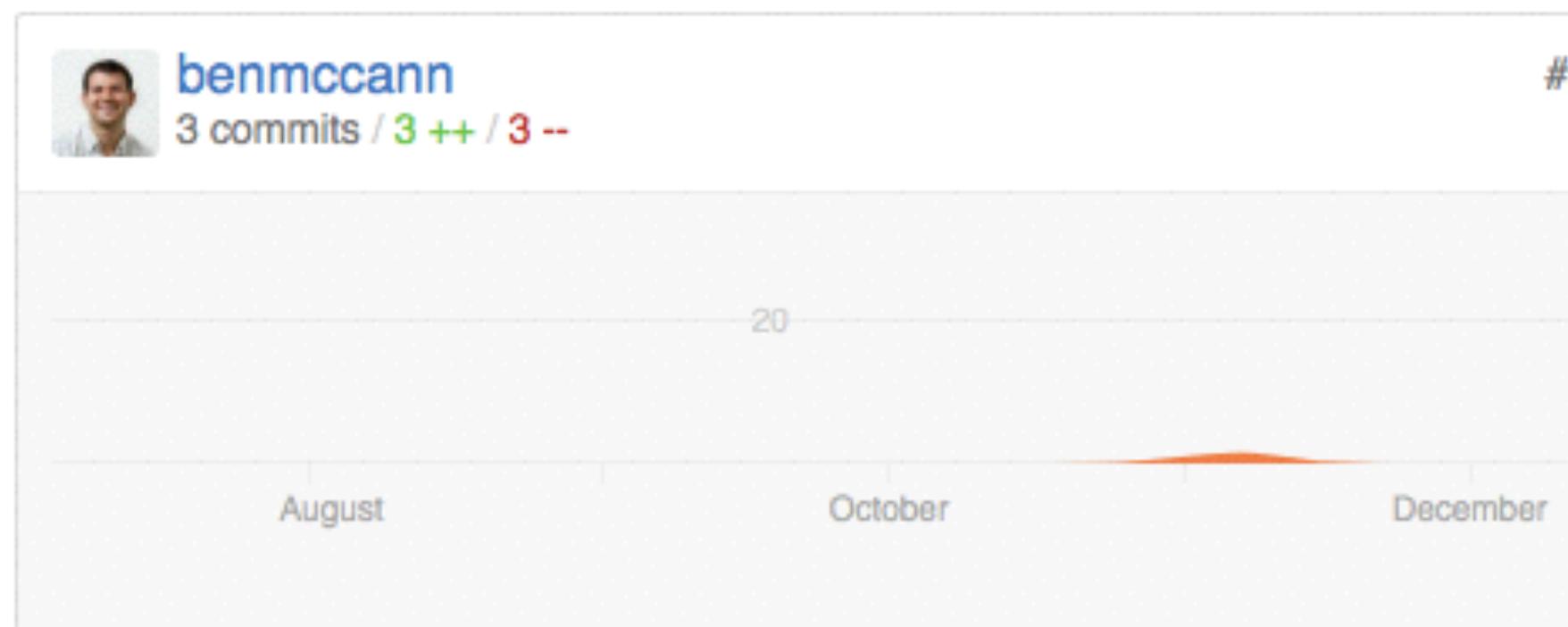
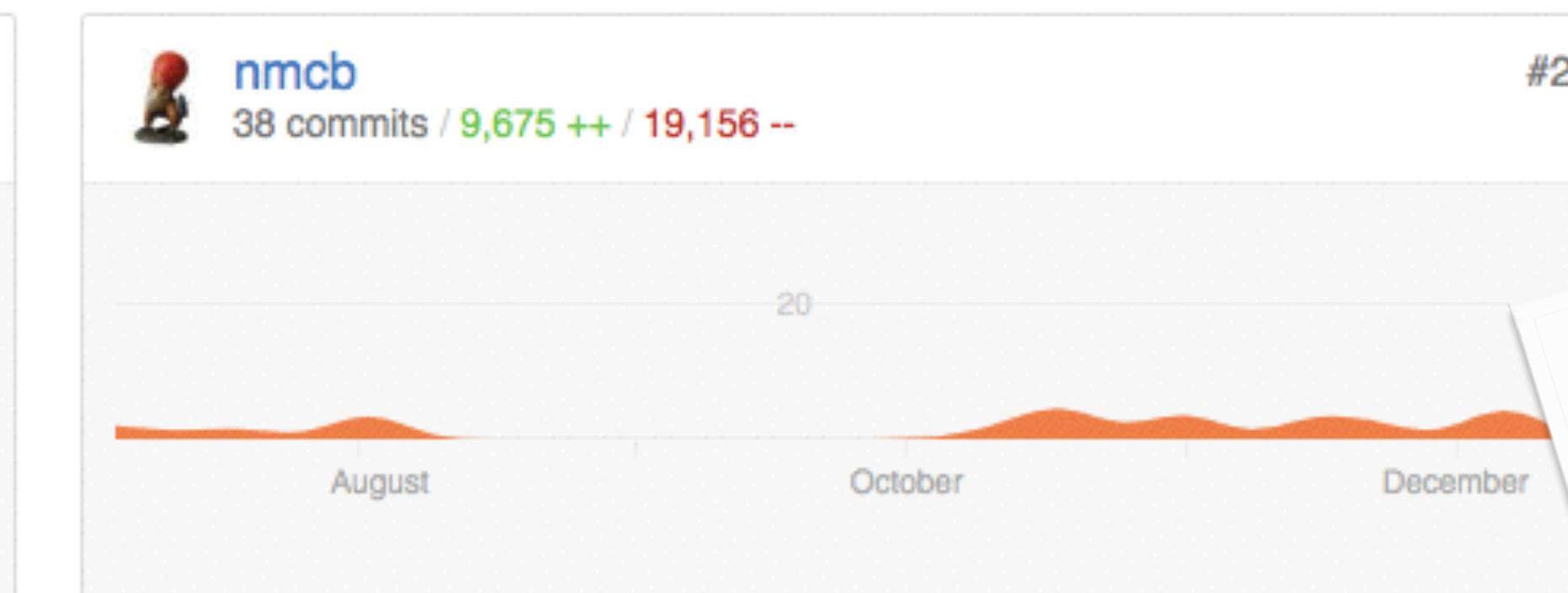
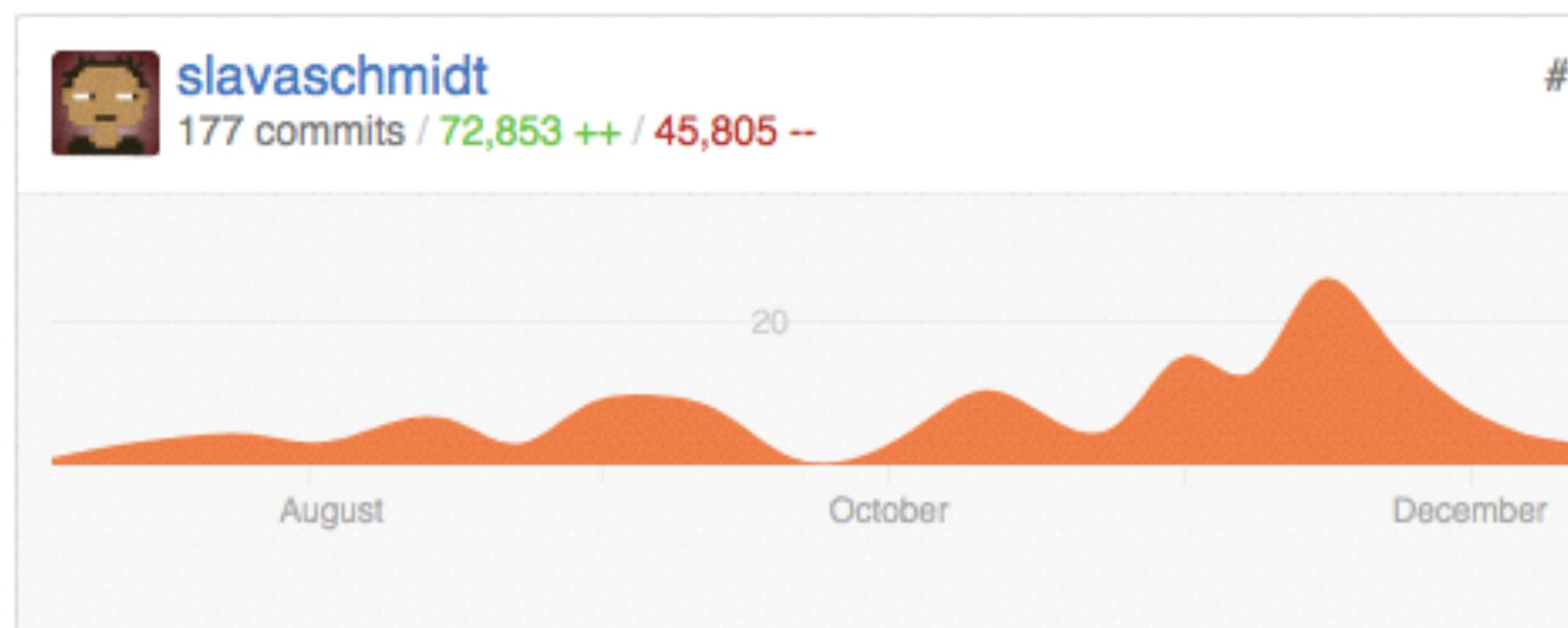
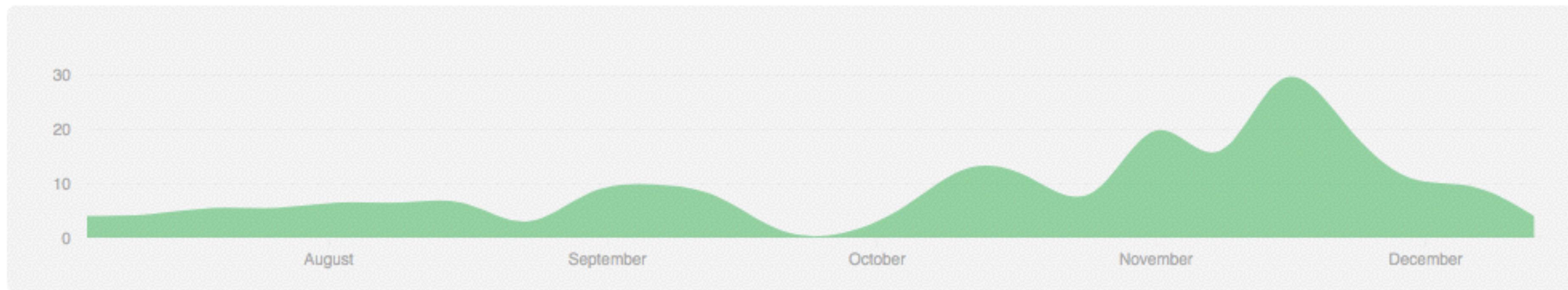
API First with Play and Swagger



Jul 5, 2015 – Dec 14, 2015

Contributions to master, excluding merge commits

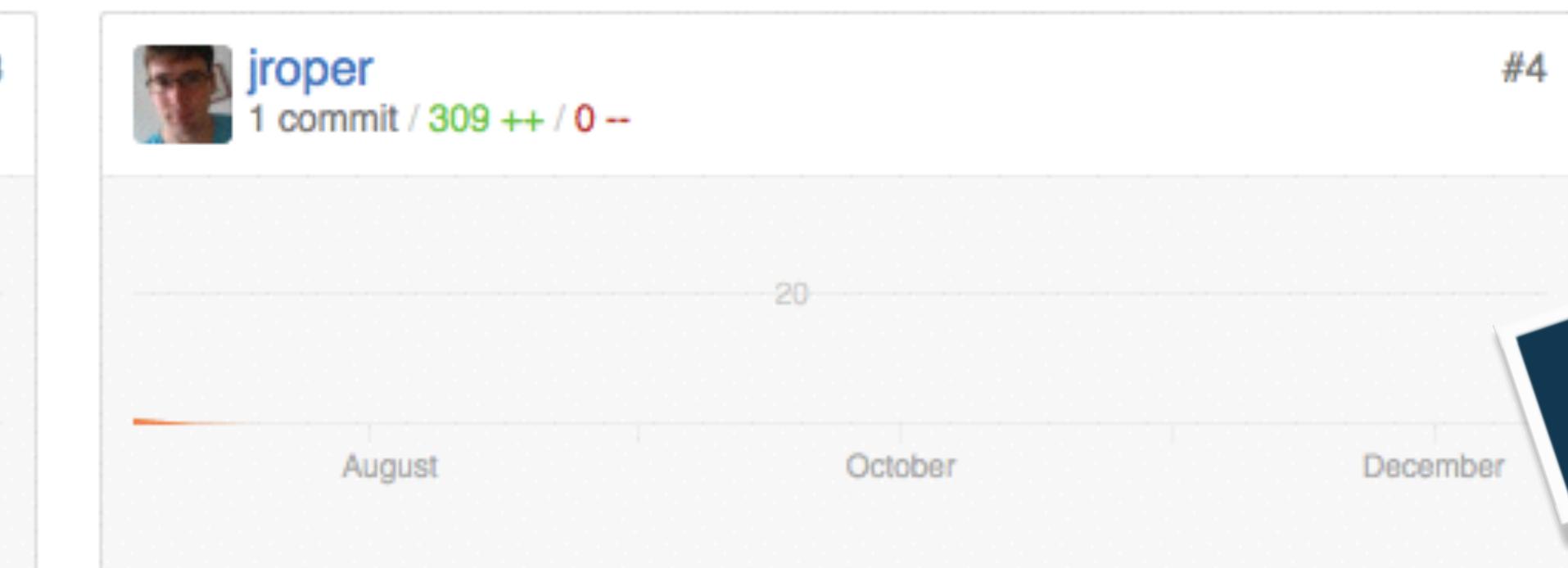
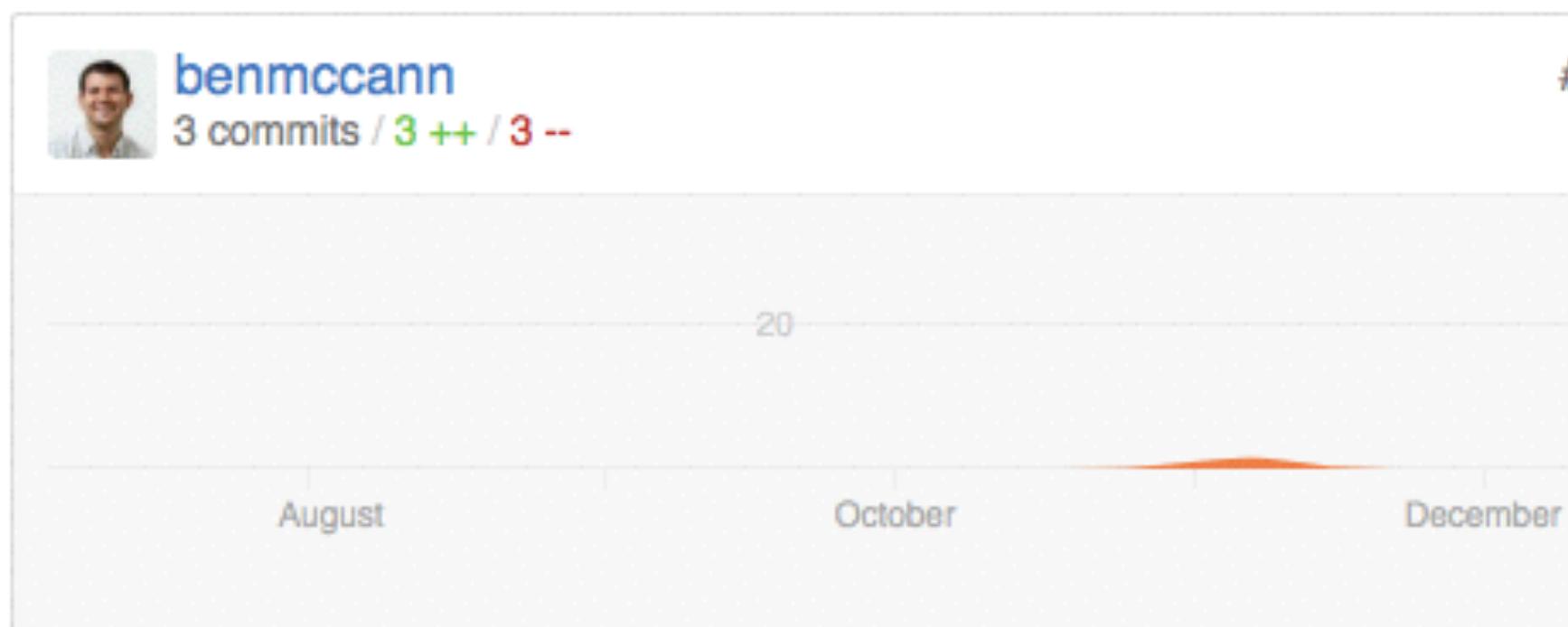
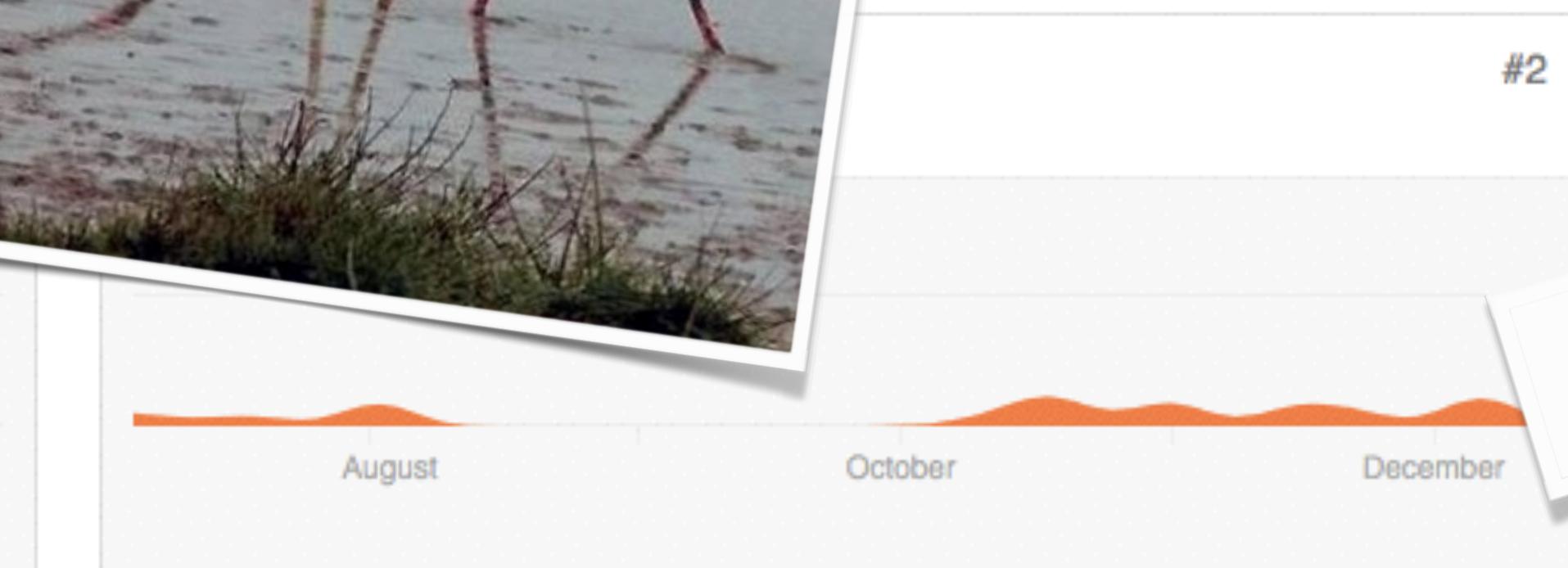
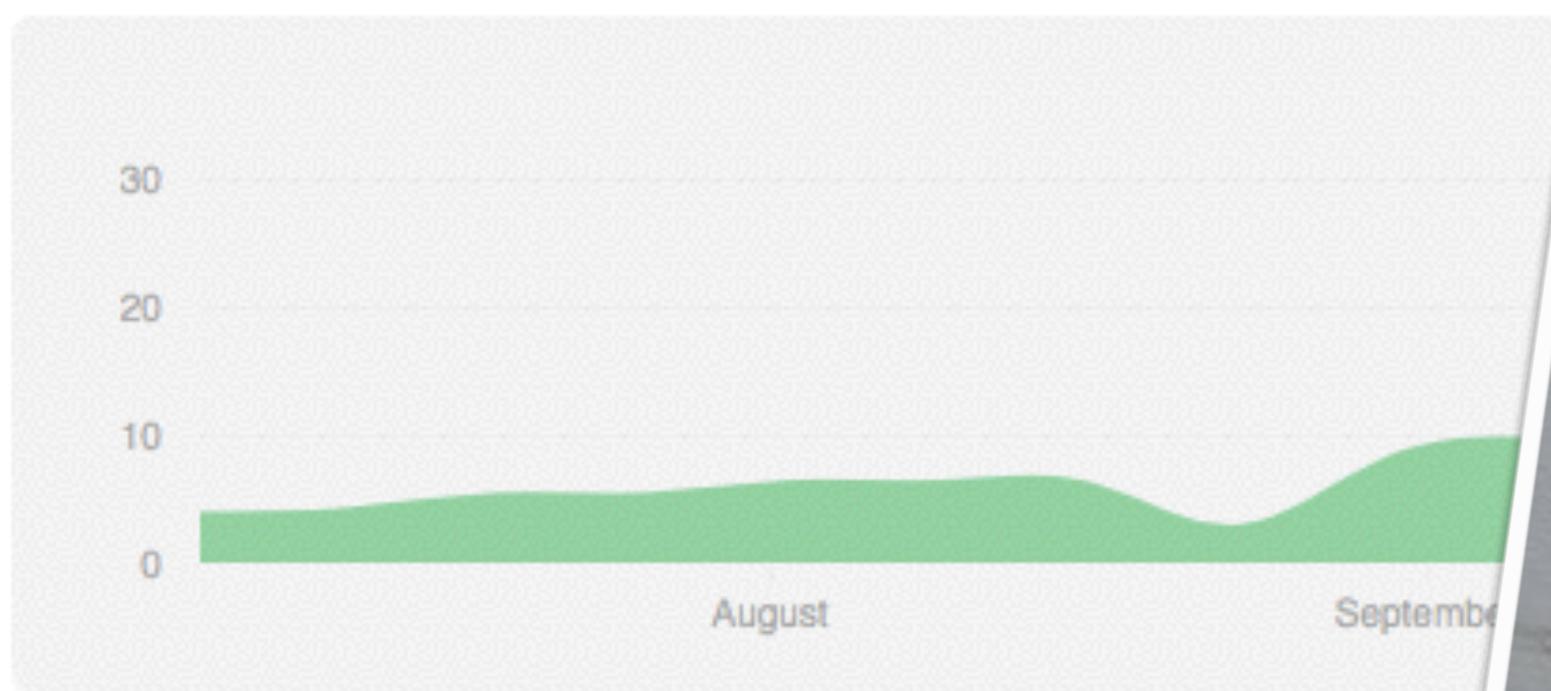
Contributions: **Commits** ▾



Jul 5, 2015 – Dec 14, 2015

Contributions to master, excluding merge commits

Contributions: [Commits](#) ▾



slavaschmidt

177 commits / 72,853 ++ / 45,805 --

#2



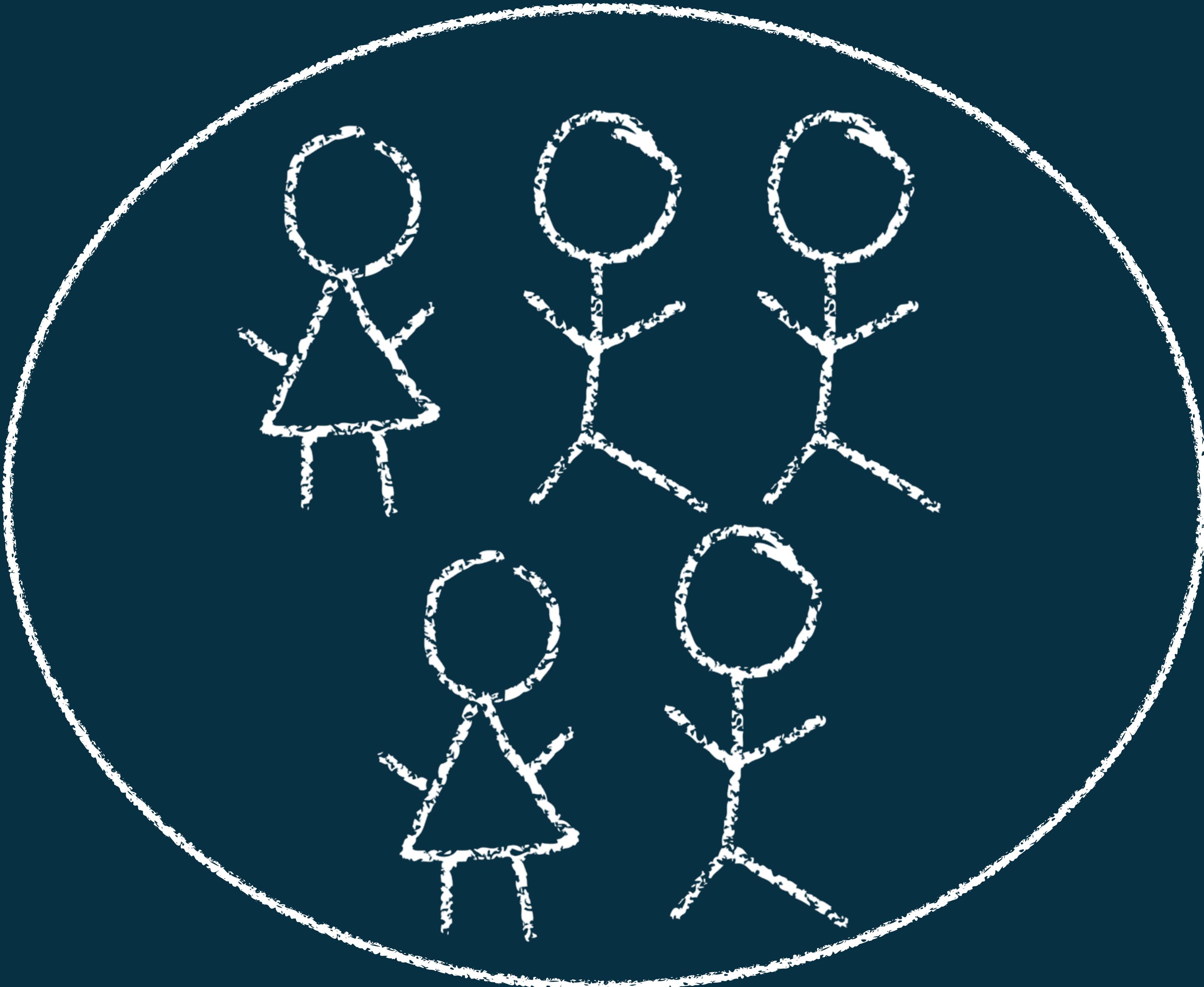
benmccann

3 commits / 3 ++ / 3 --

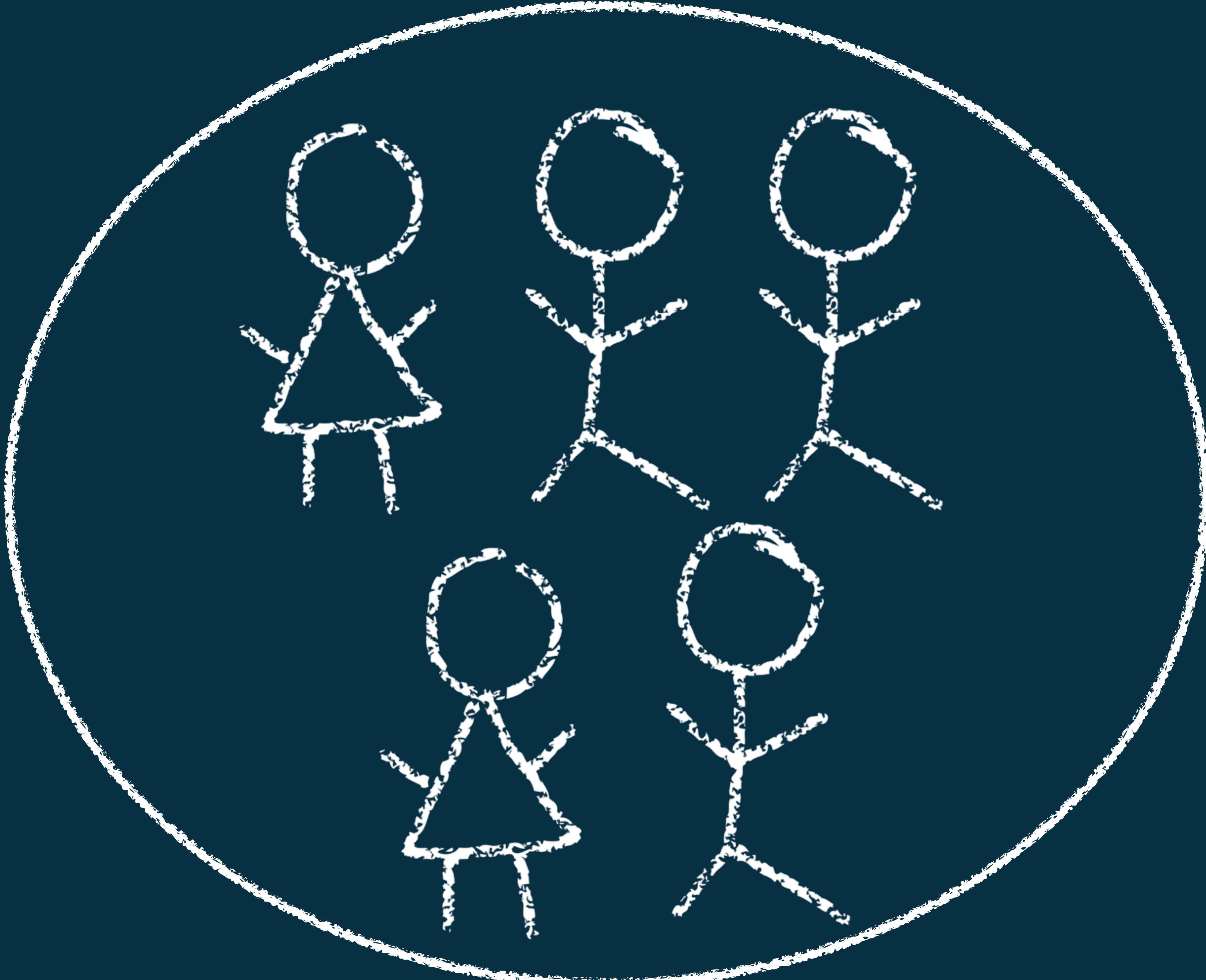
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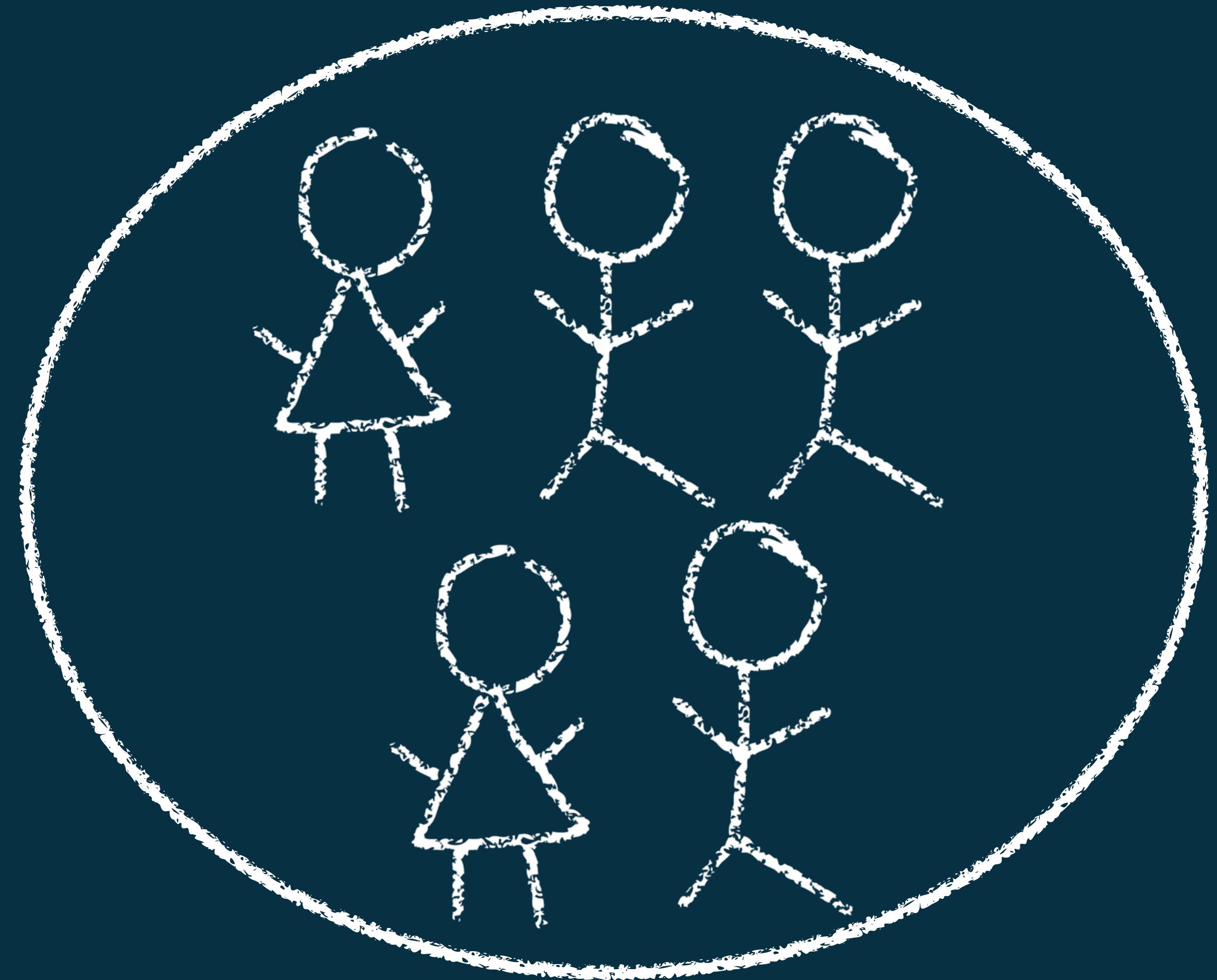
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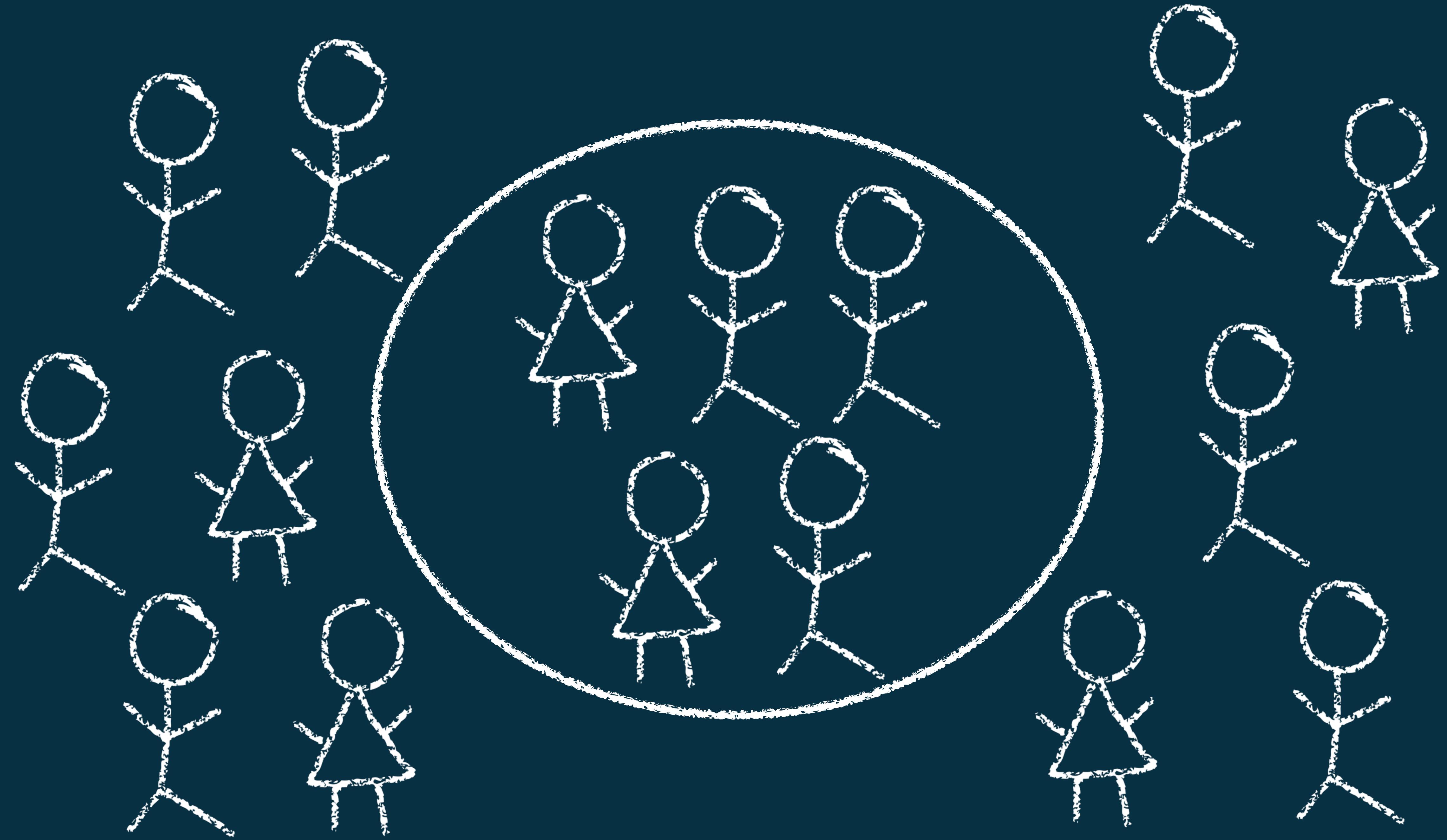




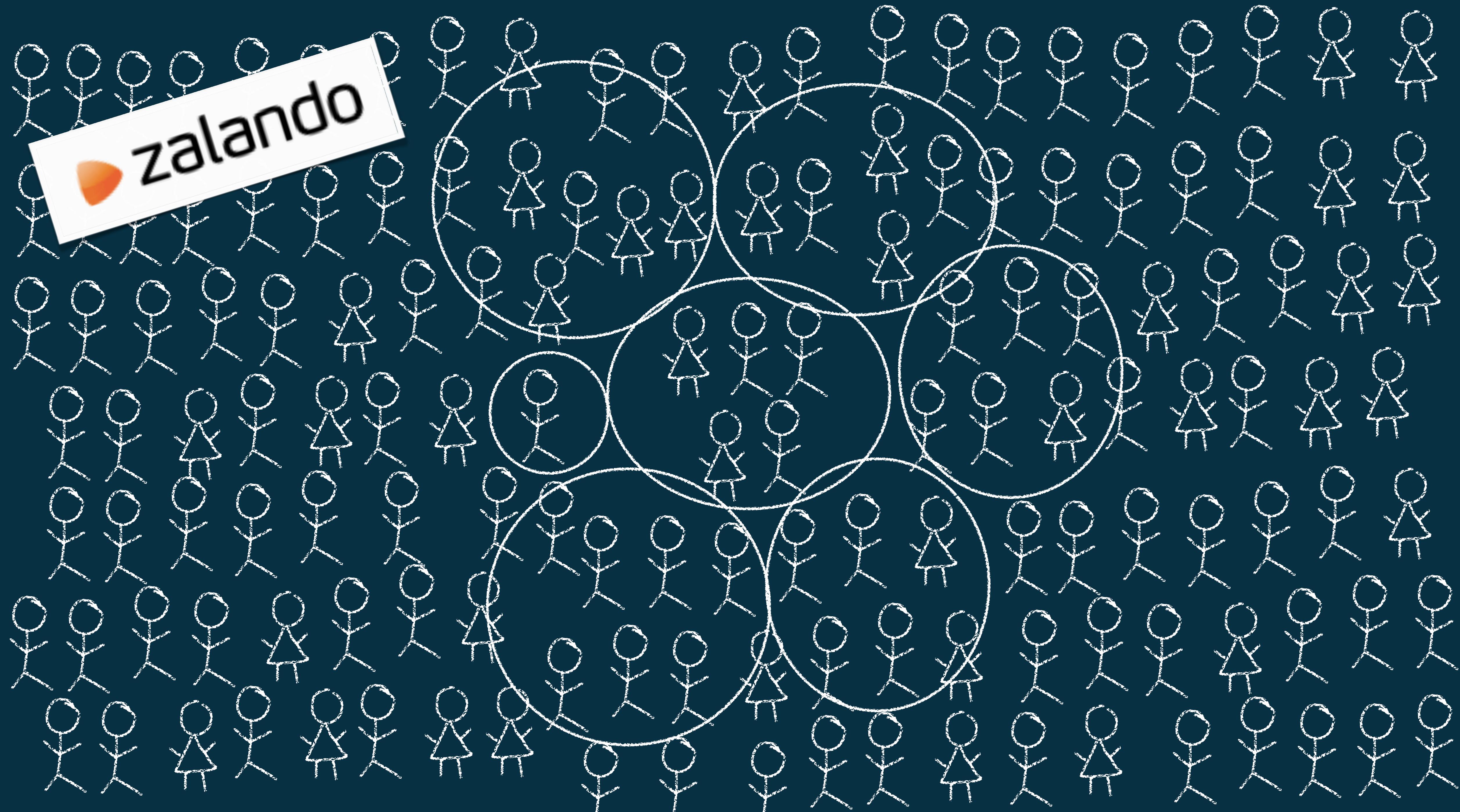
Small
Autonomous
Fully Responsible

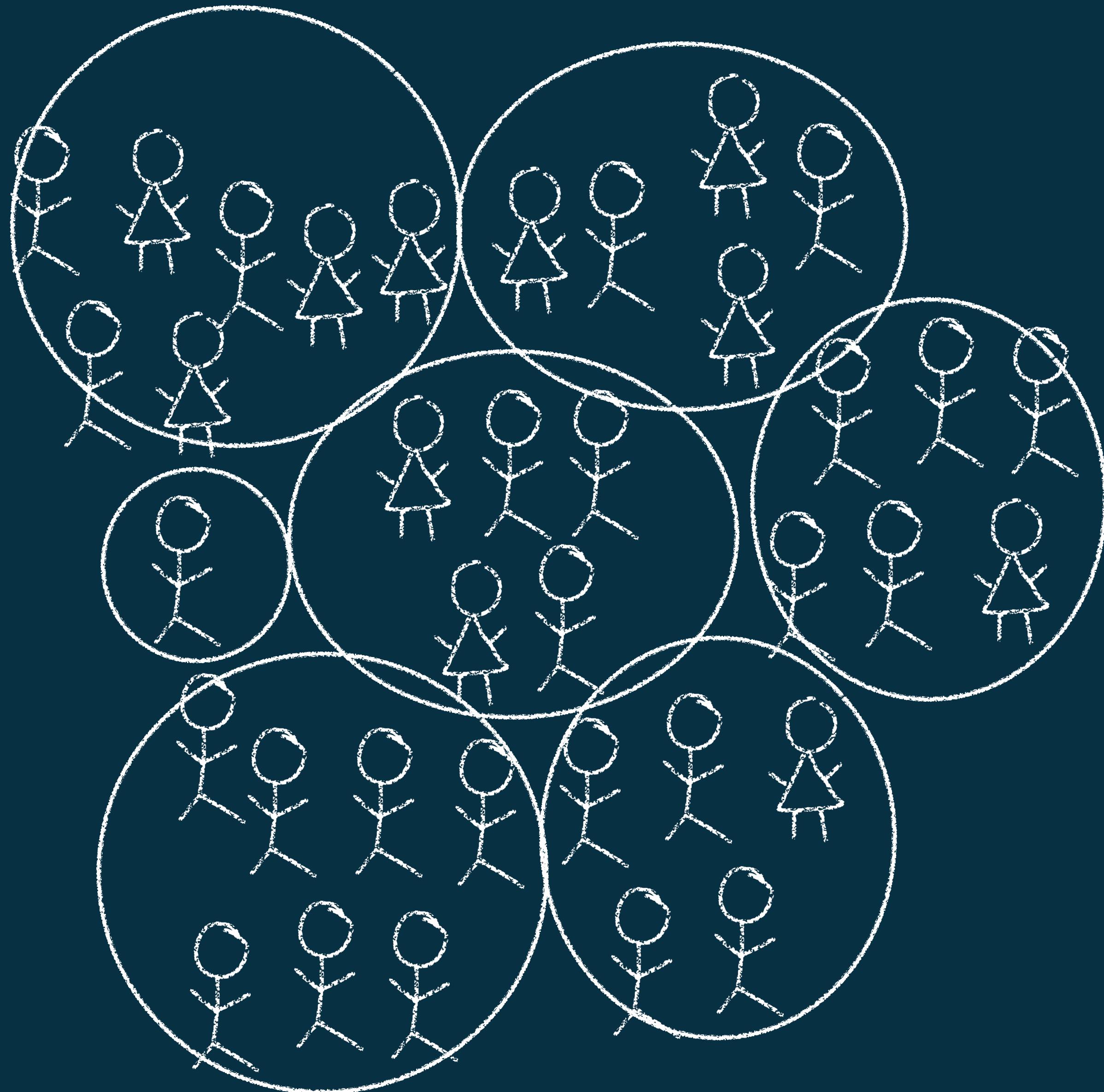


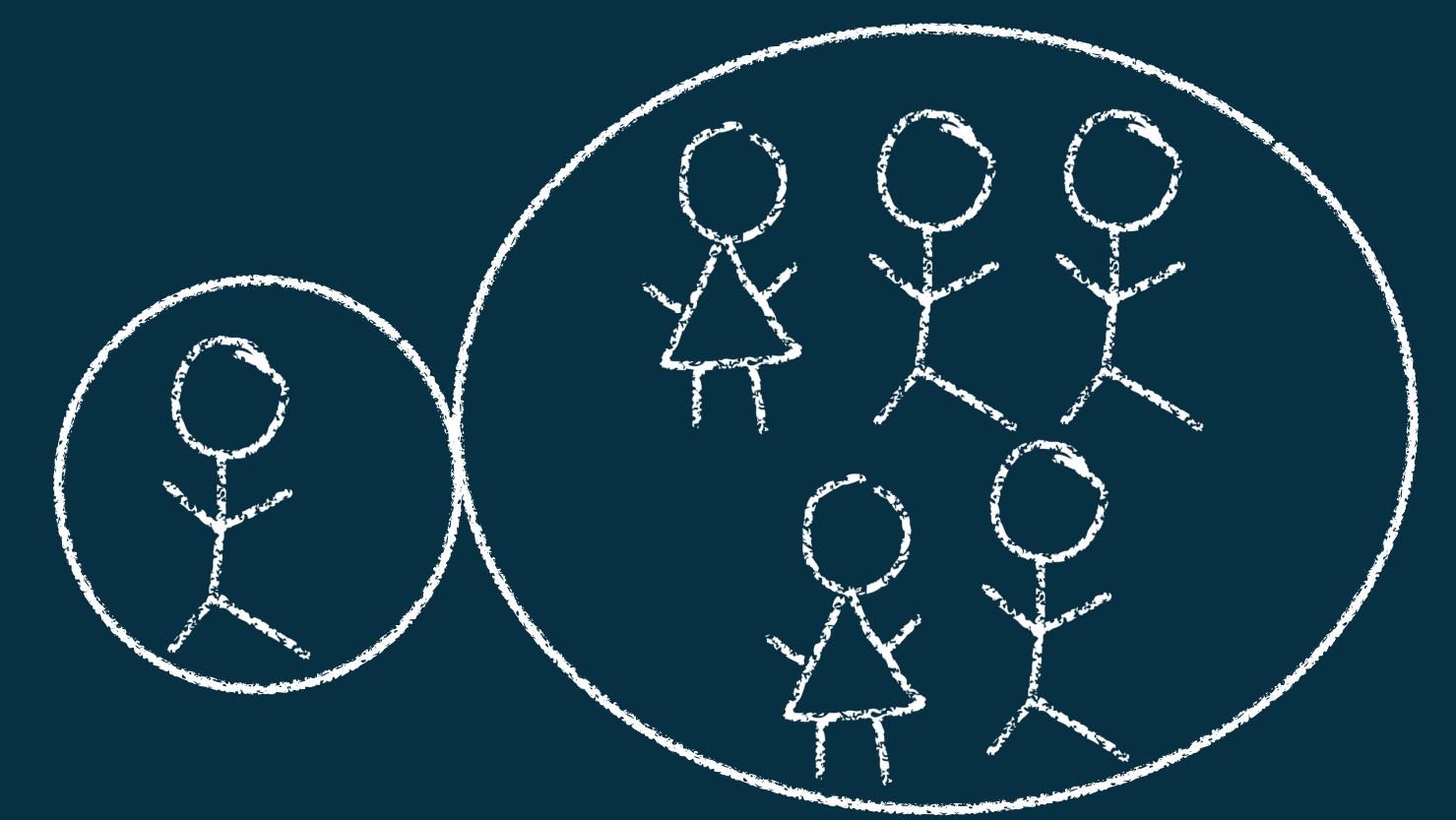


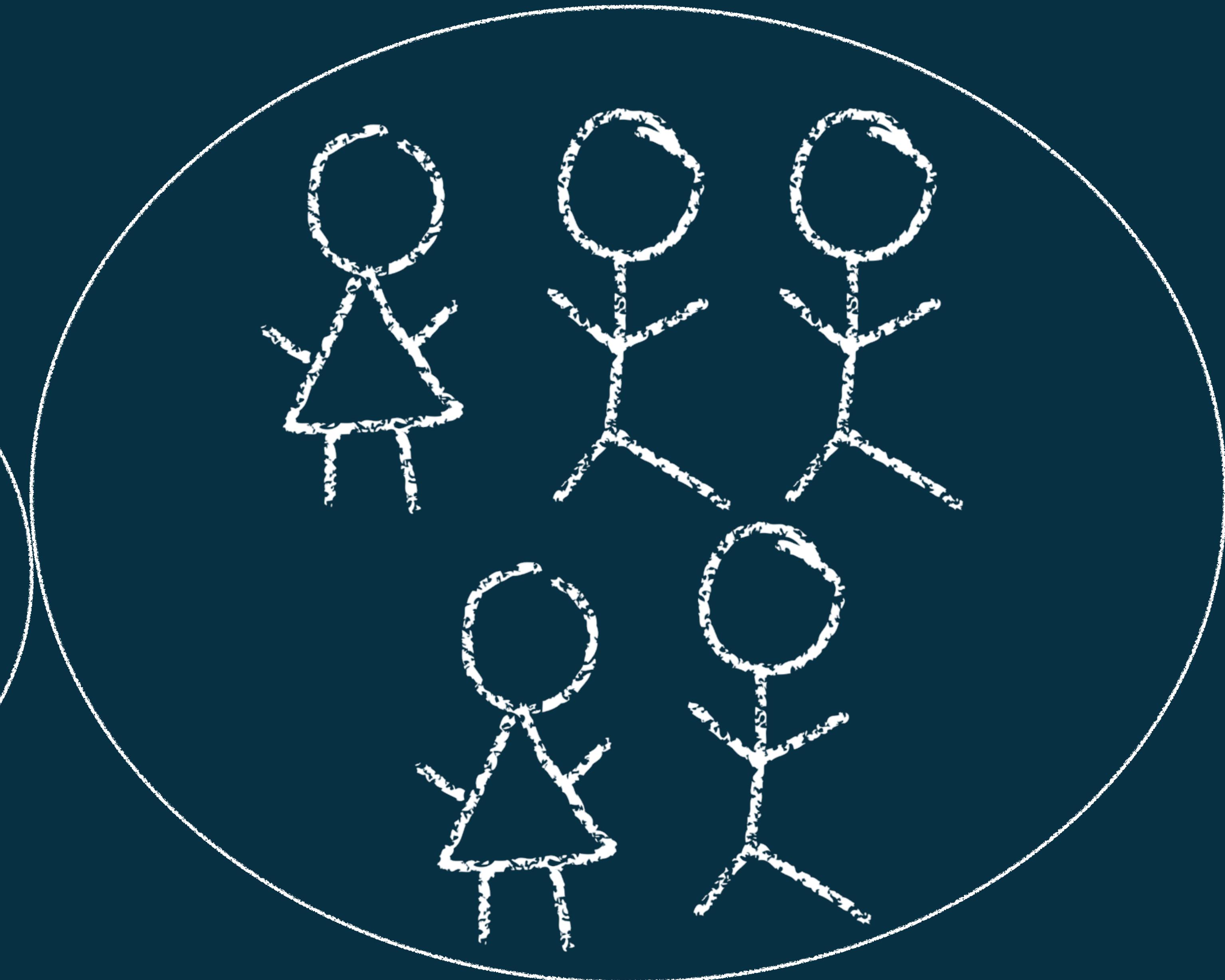








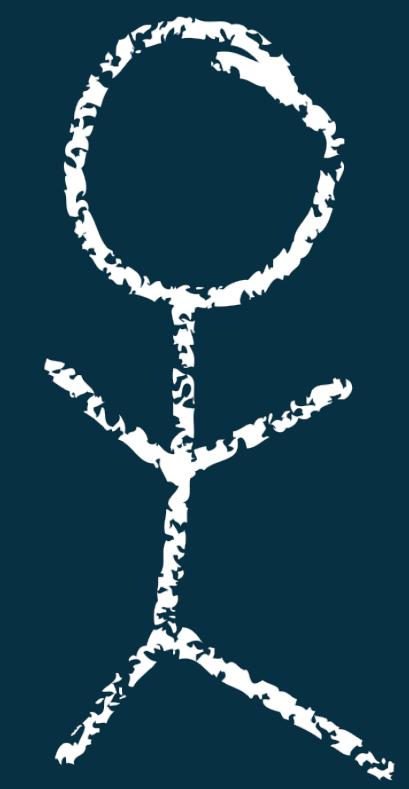




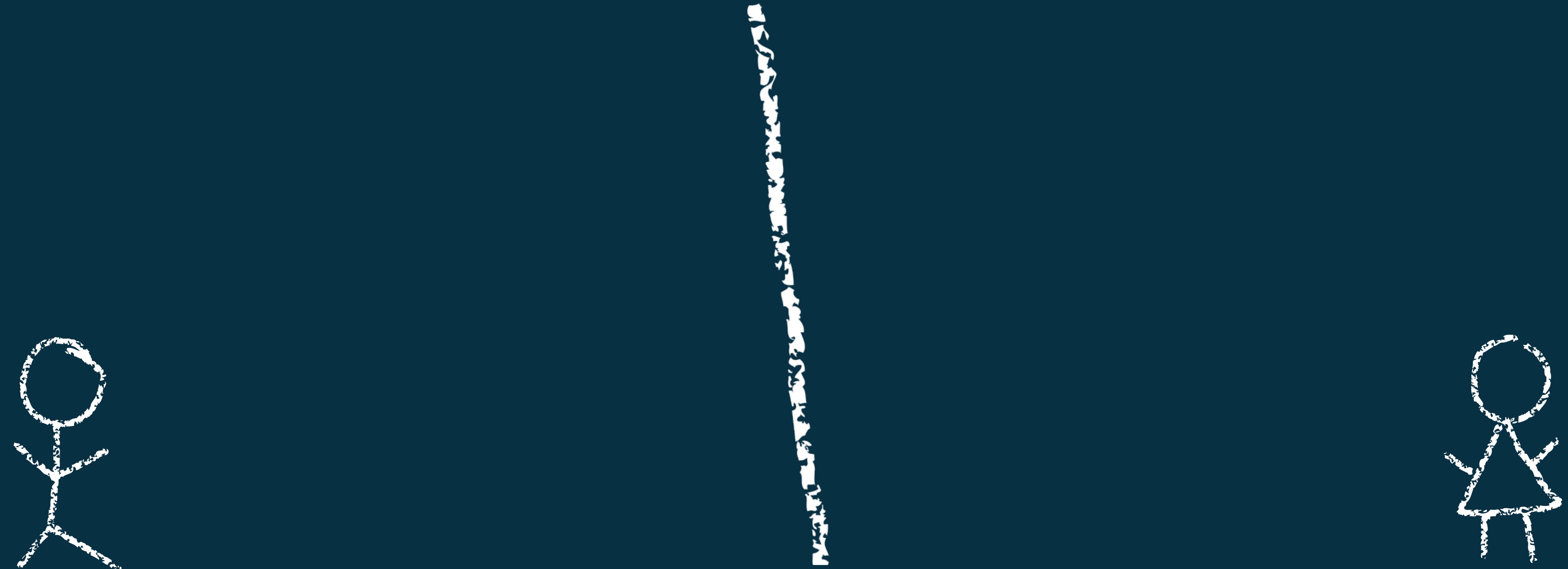




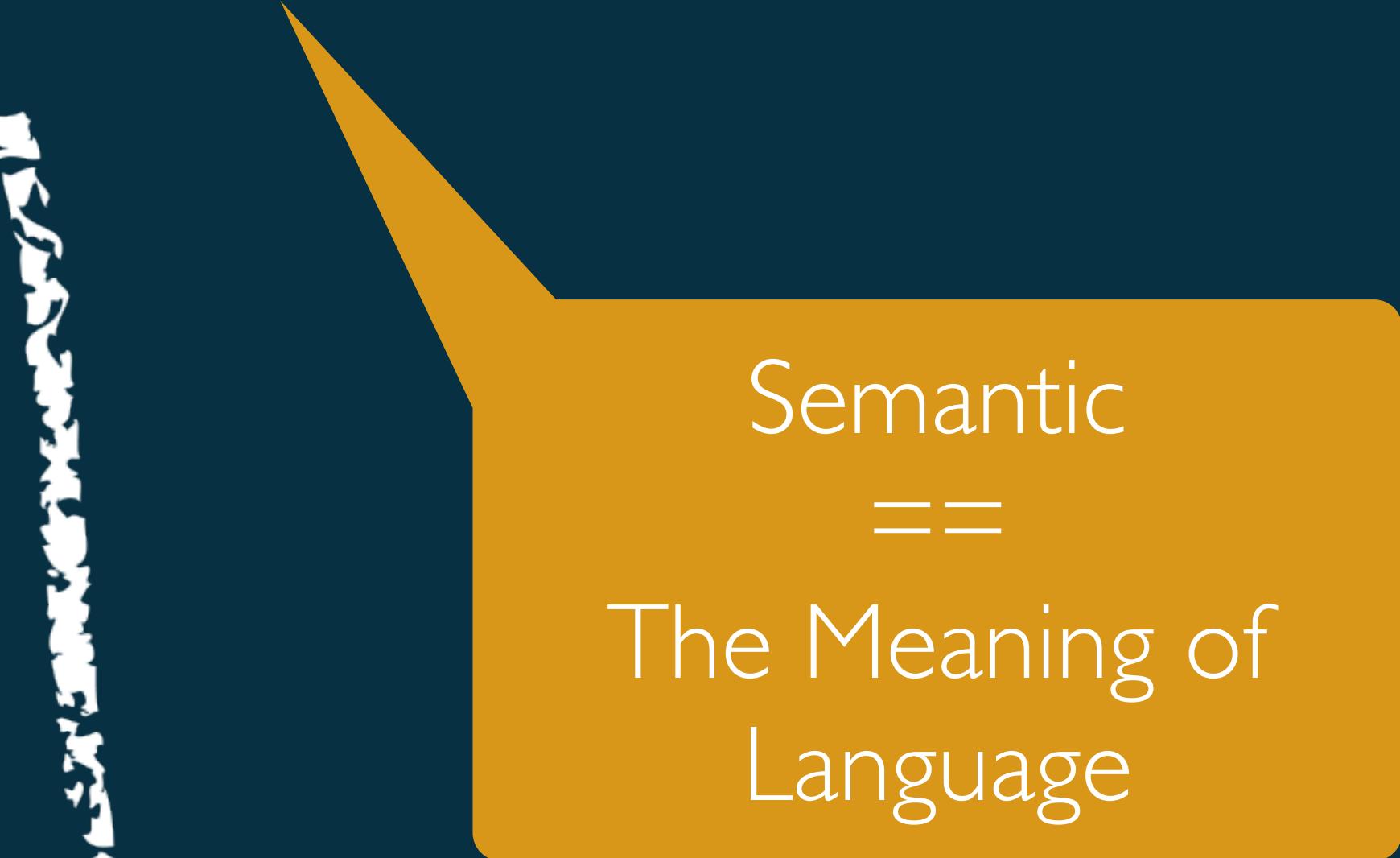




Communication across System Borders (aka The Semantic Boundary)



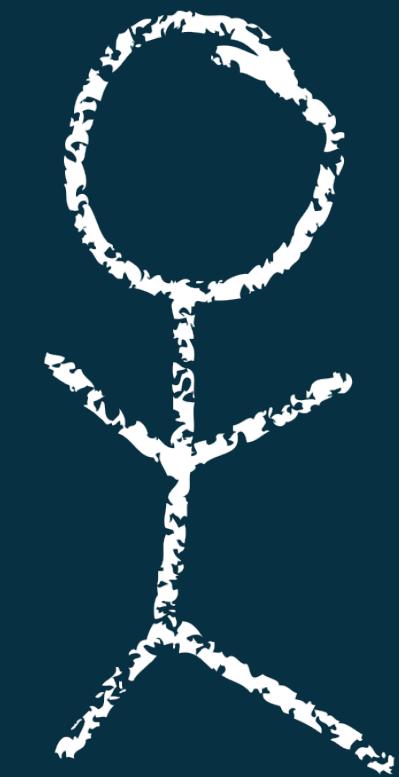
Communication across System Borders (aka The Semantic Boundary)



Semantic

==

The Meaning of
Language









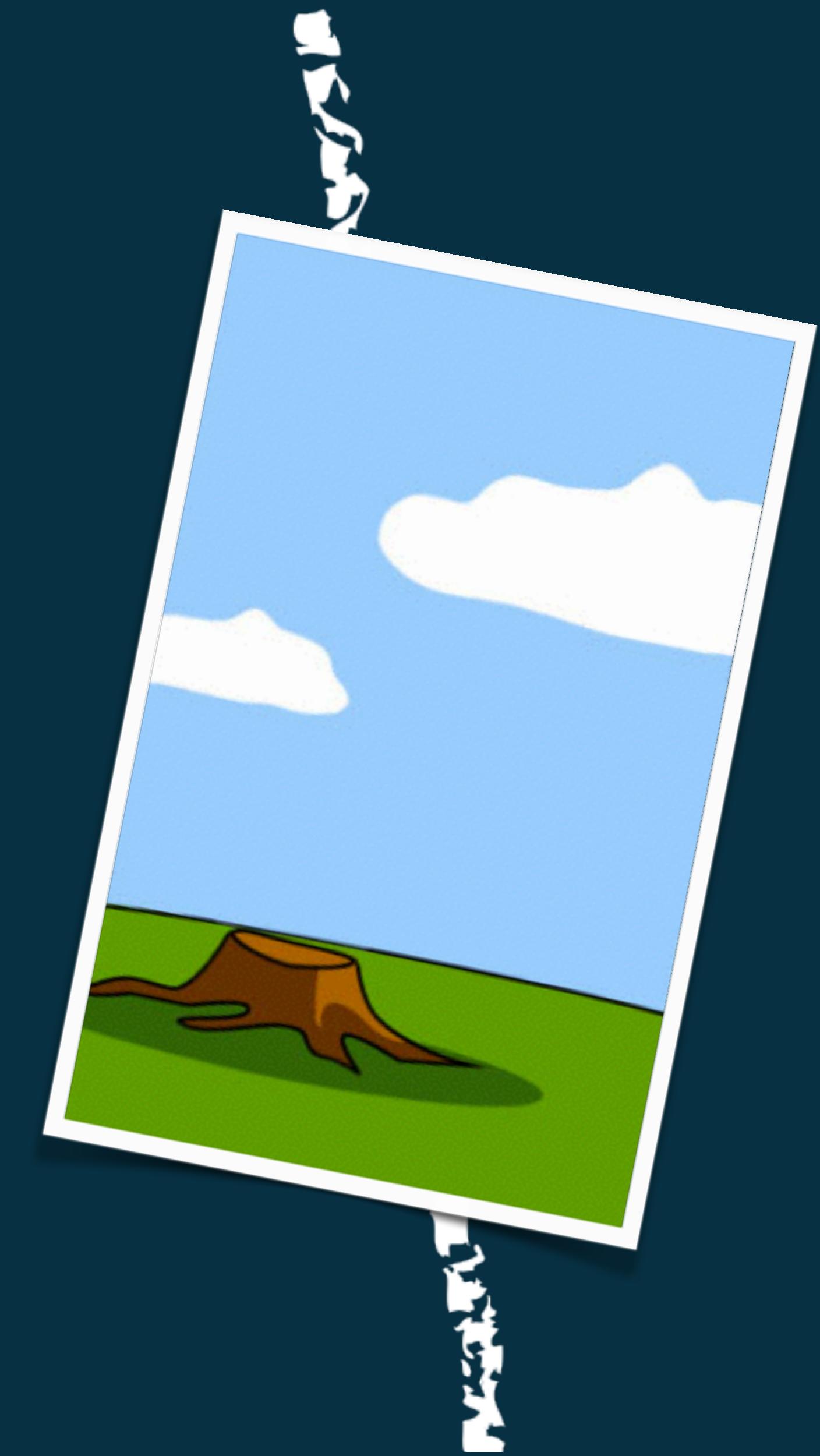
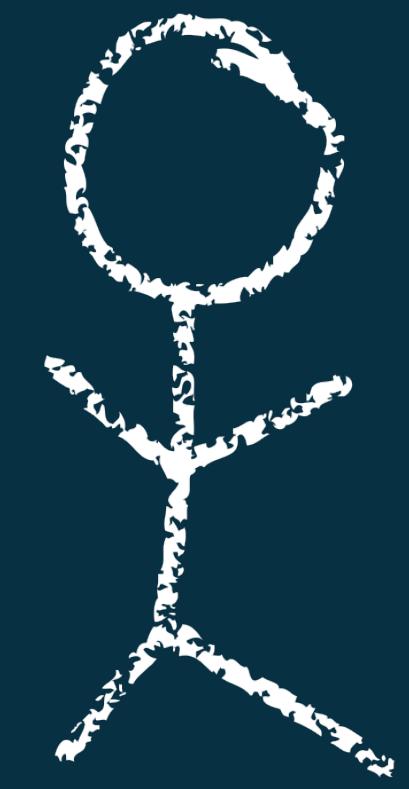












Where should we look for meaning



Closer to the boundary?

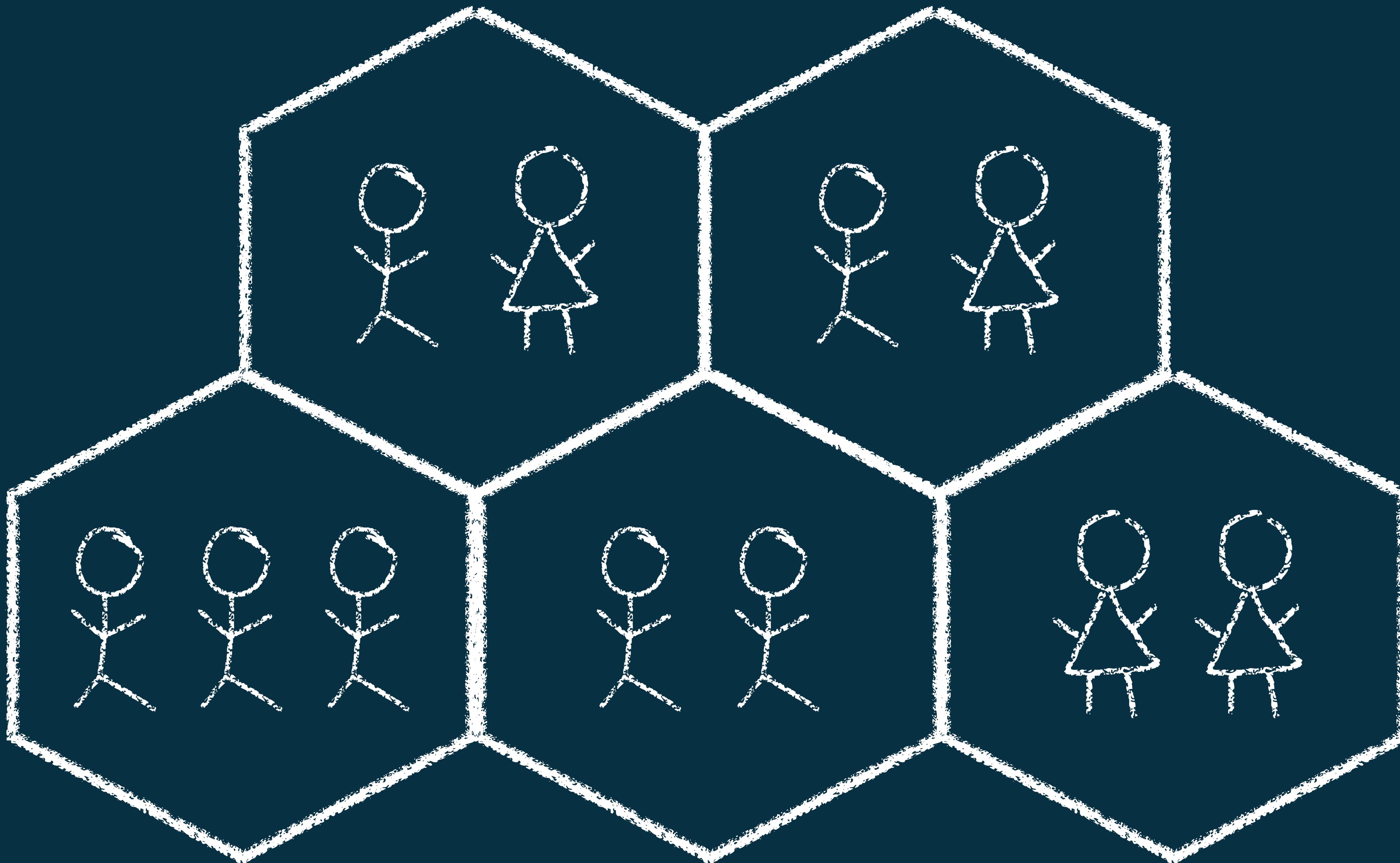


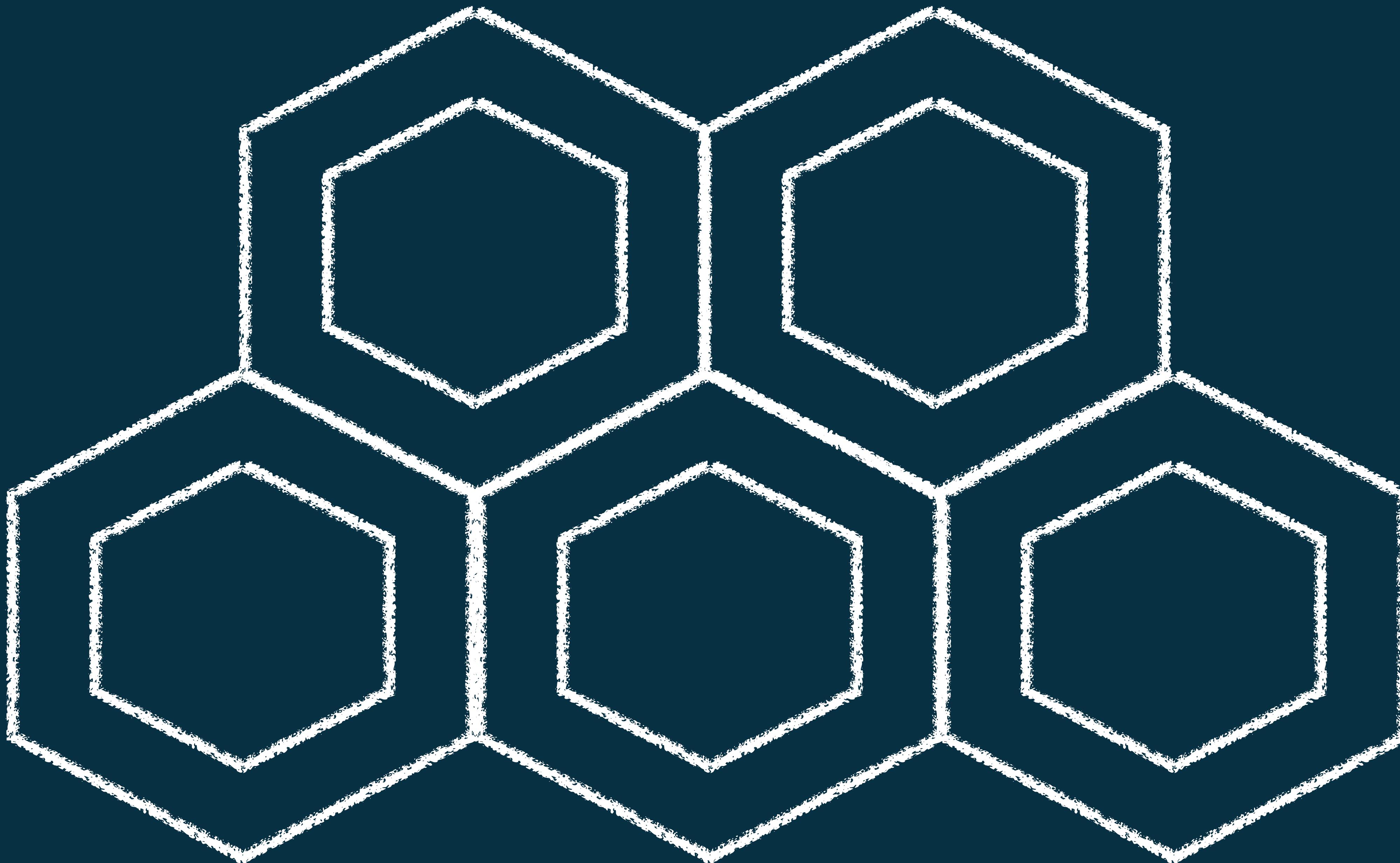
Further away from it?

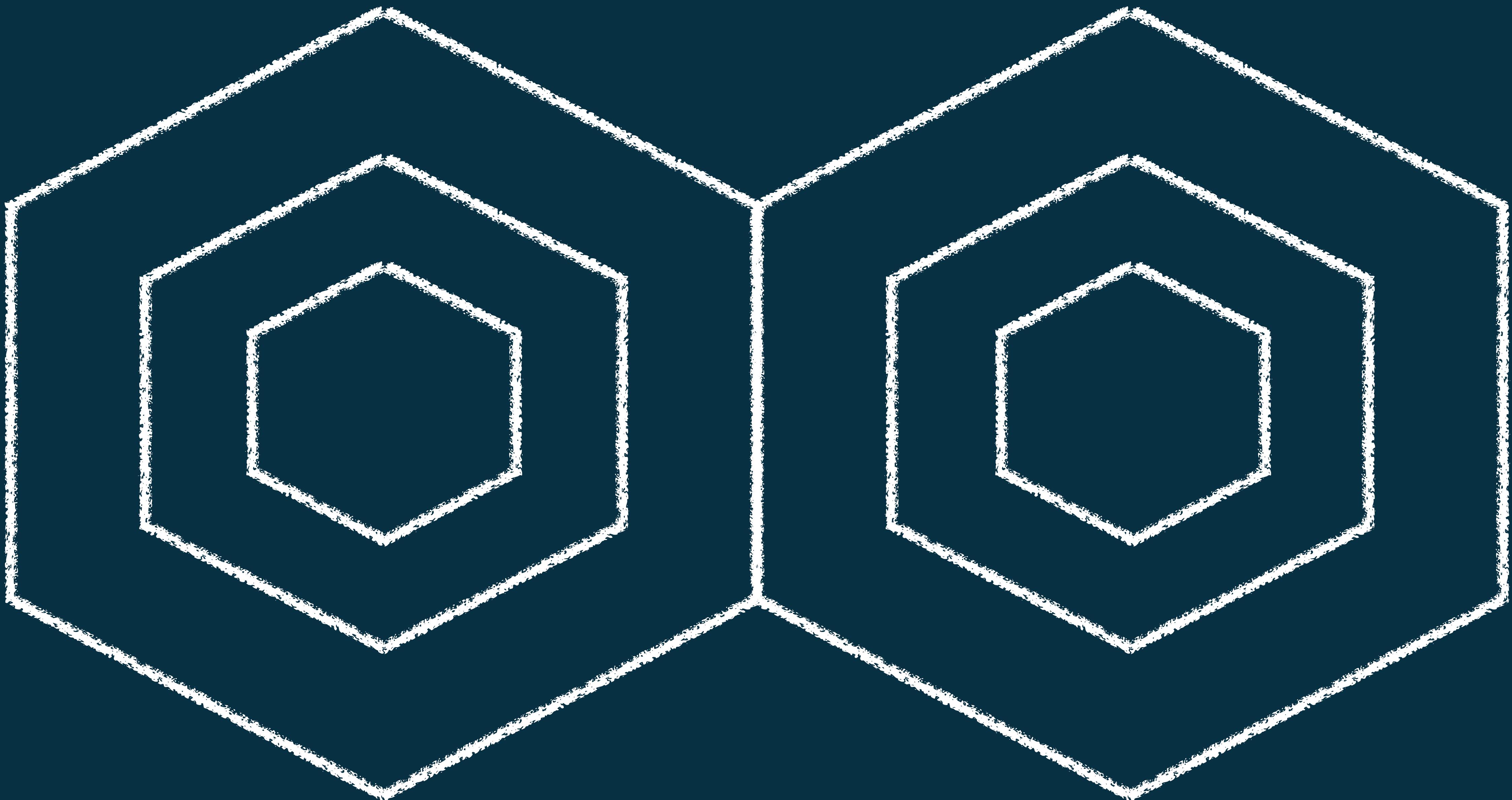
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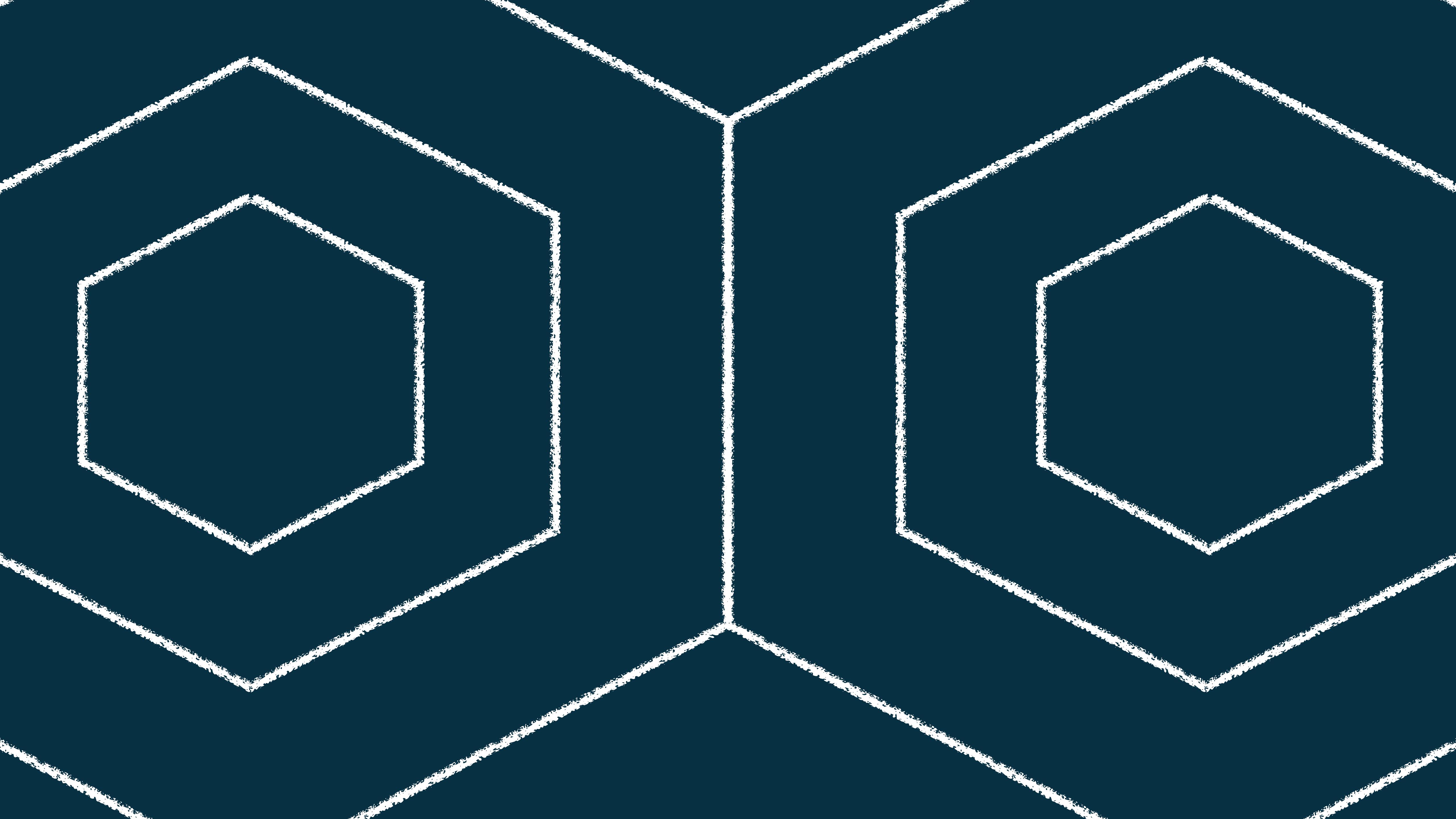
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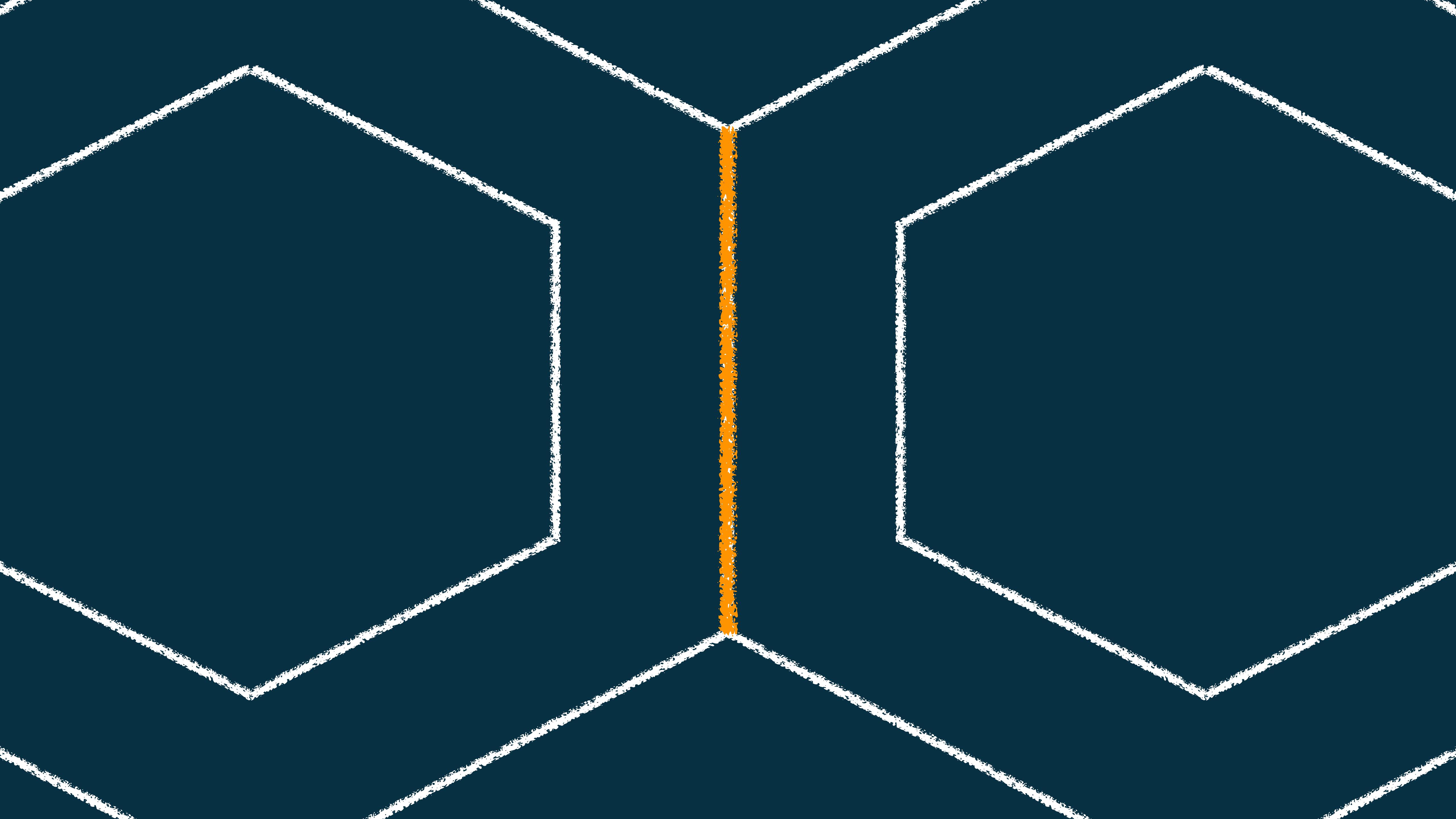
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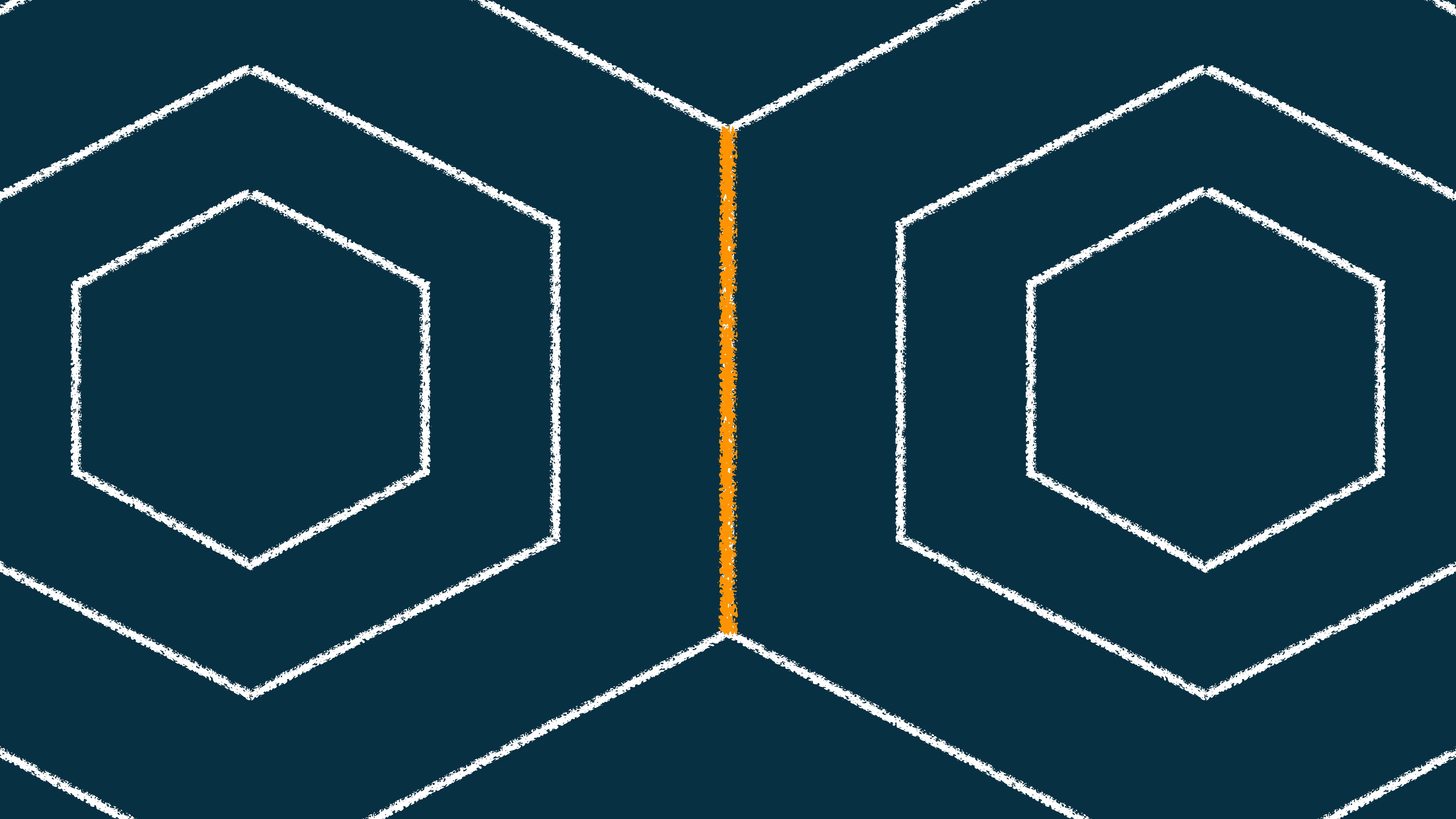












Transport

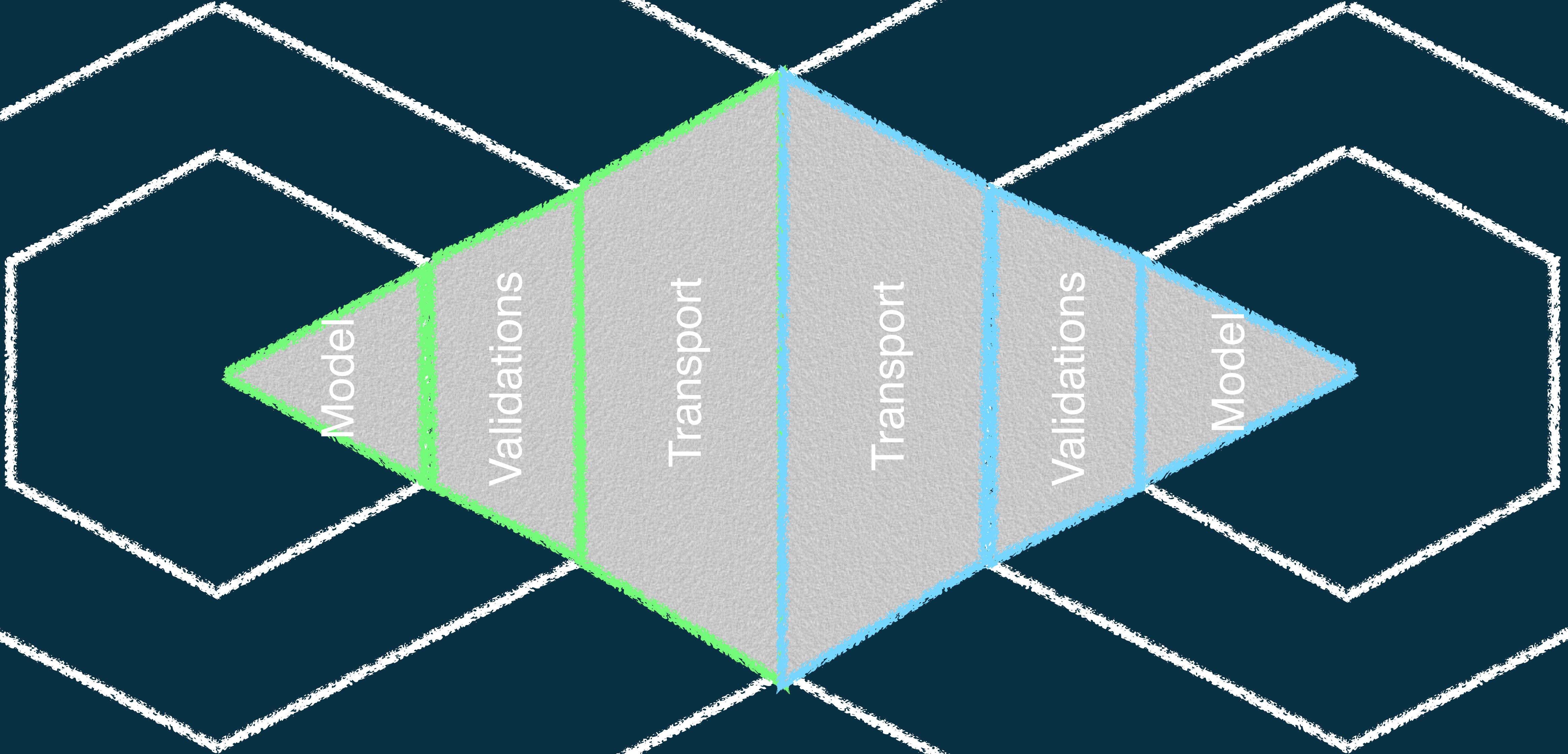
Transport

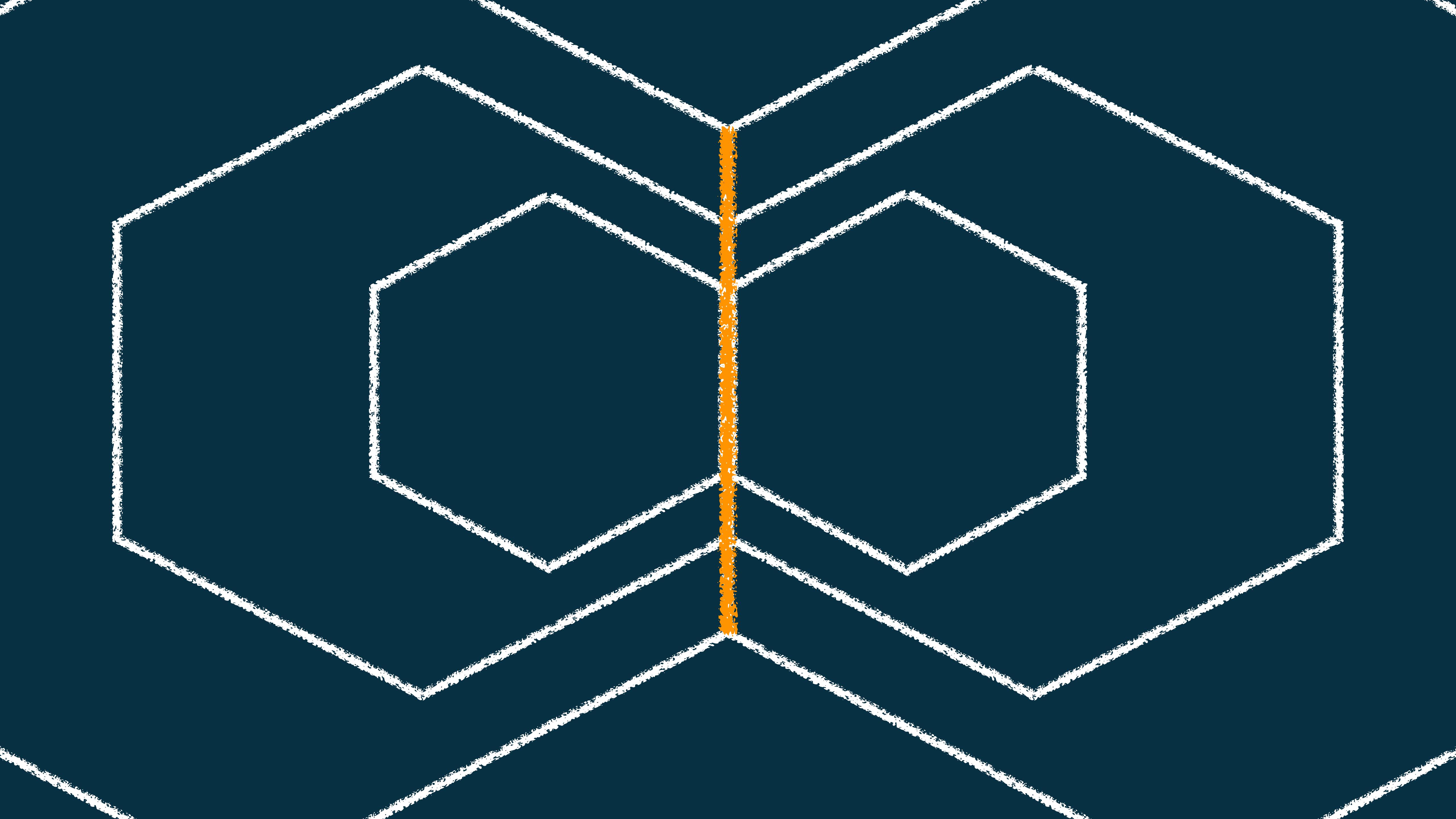
Validations

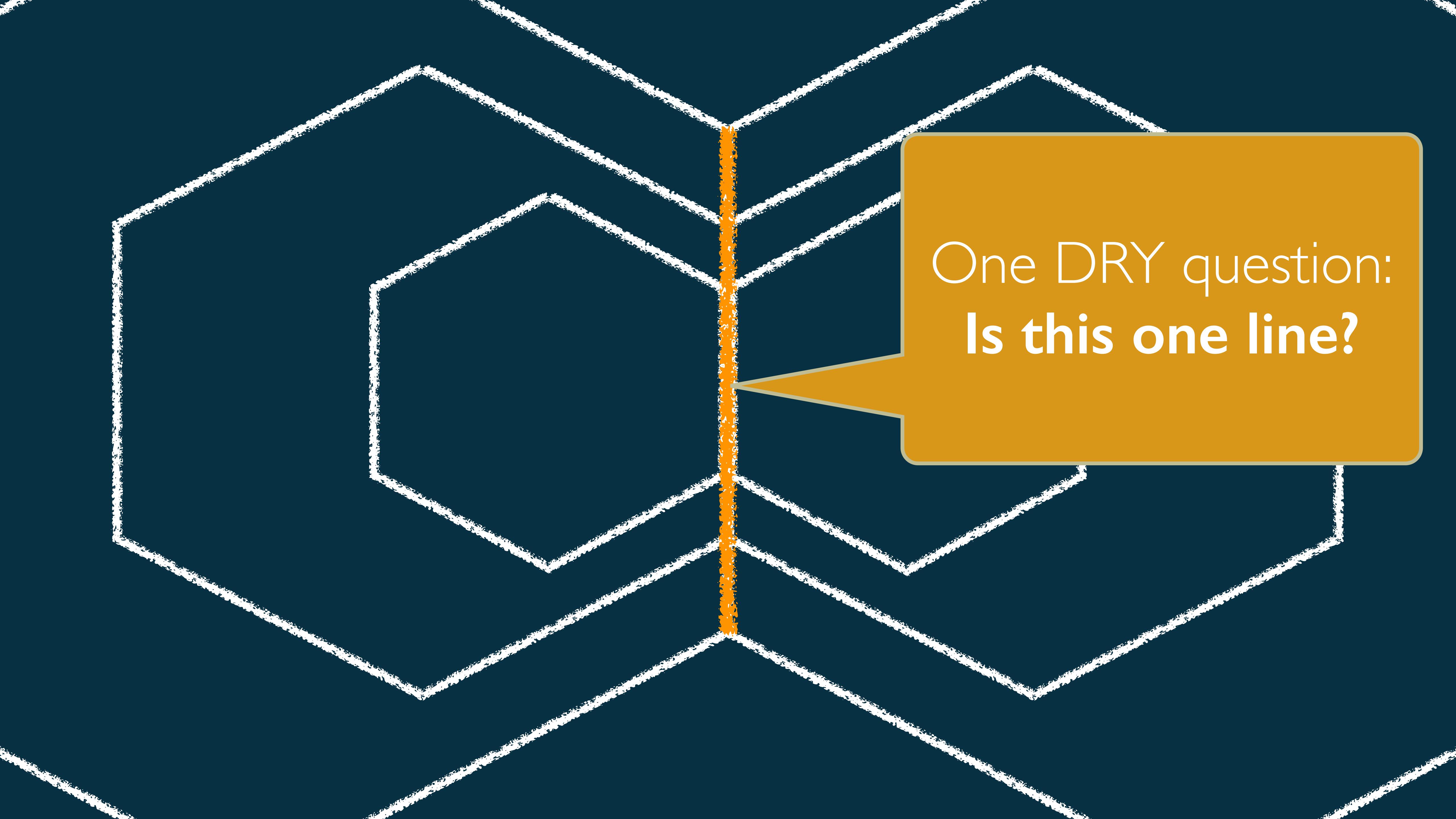
Transport

Transport

Validations







One DRY question:
Is this one line?

DRY

Most people take DRY to mean you shouldn't duplicate code. That's not its intention. The idea behind DRY is far grander than that. DRY says that every piece of system knowledge should have one authoritative, unambiguous representation

Dave Thomas

Don't Repeat Yourself

Most people take DRY to mean you shouldn't duplicate code. That's not its intention. The idea behind DRY is far grander than that. DRY says that every piece of system knowledge should have

one authoritative, unambiguous representation

Dave Thomas

Don't Repeat Ourselves?

Most people take DRY to mean you shouldn't duplicate code. That's not its intention. The idea behind DRY is far grander than that. DRY says that every piece of system knowledge should have

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Dave Thomas

DRY across Systems?

Most people take DRY to mean you shouldn't duplicate code. That's not its intention. The idea behind DRY is far grander than that. DRY says that every piece of system knowledge should have

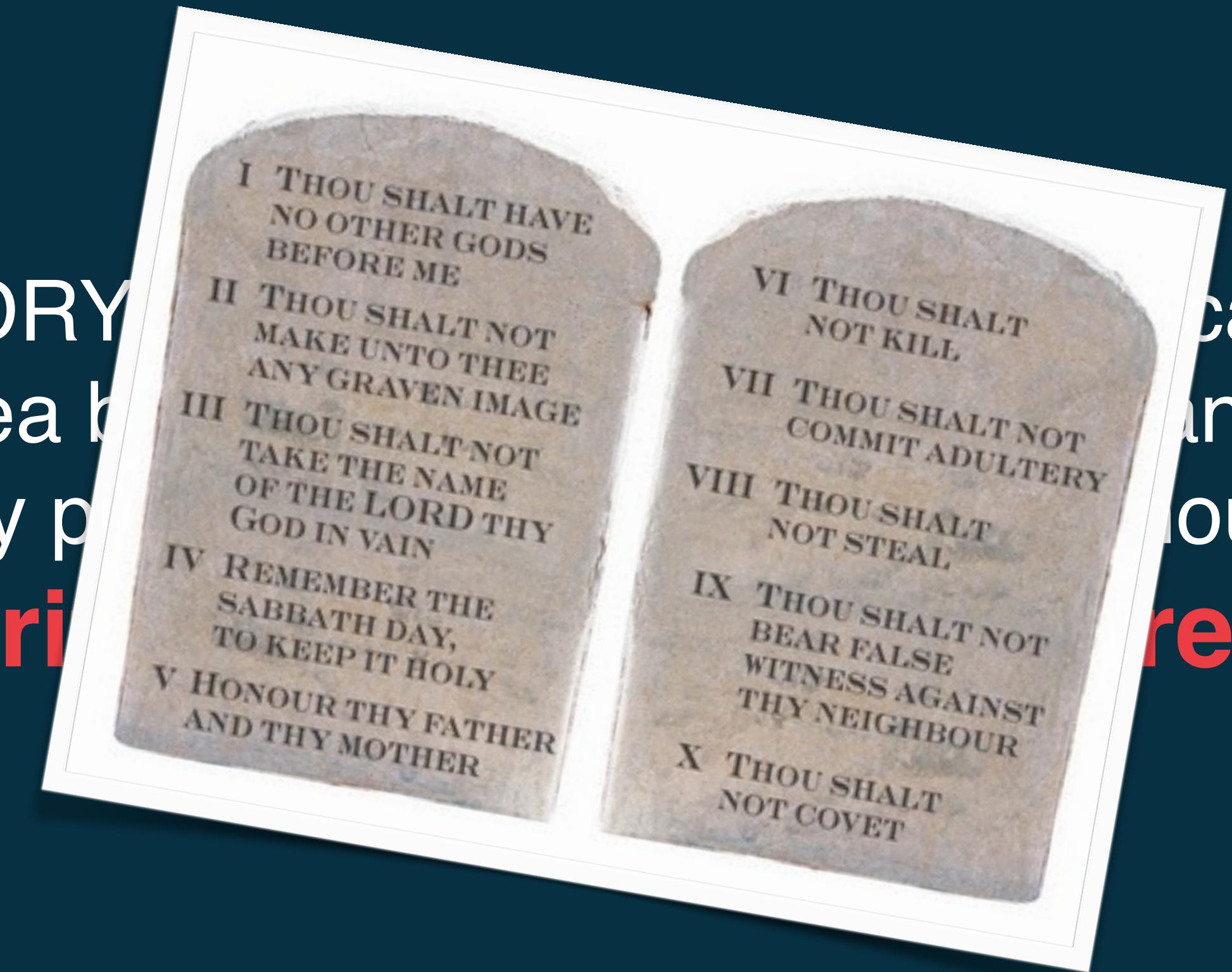
one authoritative, unambiguous representation

Dave Thomas

DRY across Systems?

Most people take DRY to mean that every part

one author



create code. That's not its intention. DRY says that you should have **representation**

Dave Thomas

DRY across Systems?

Most people
intend

on

that's not its
says that

ion



Dave Thomas

Getting real... .



- Open Source
 - Easy to use
 - Human readable
 - Widest adoption
- Open Source
 - Easy to use
 - Scala and Java
 - Fast feedback

- URI path definitions (supports parameterisation and templating)
- URI parameter definitions
- Response definitions
- Scheme definitions
- MIME type definitions
- Primitive datatypes
- Complex datatypes
- Structural constraints
- Value constraints
- Security constraints
- Tags
- Vendor extensions



our single source of API truth

Specification

URLs

Verbs

Parameters

Definitions

Security

Specification

URLs

Verbs

Parameters

Definitions

Security

Play Routes

Marshallers

Validations

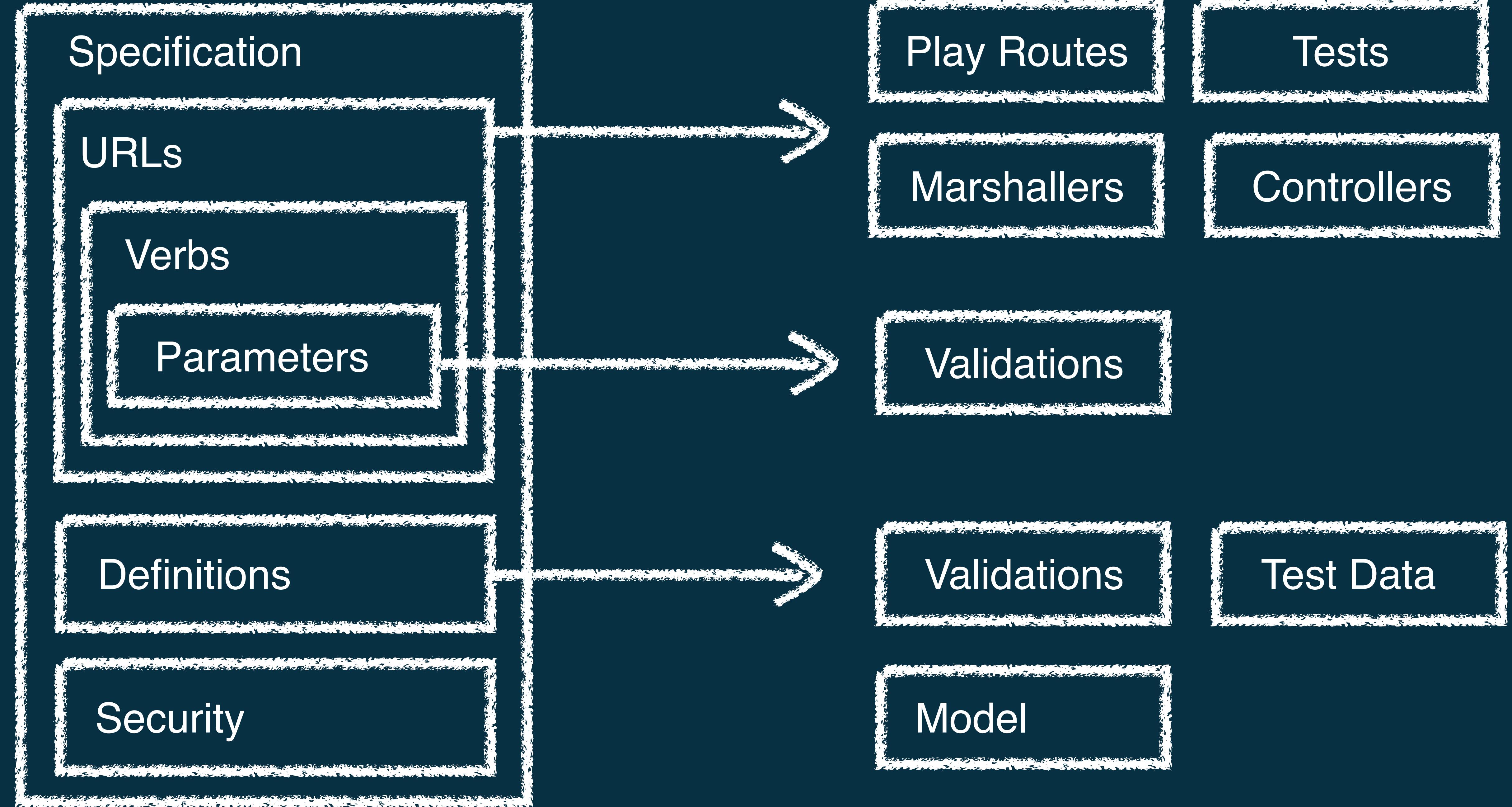
Validations

Tests

Controllers

Test Data

Model



DEMO