

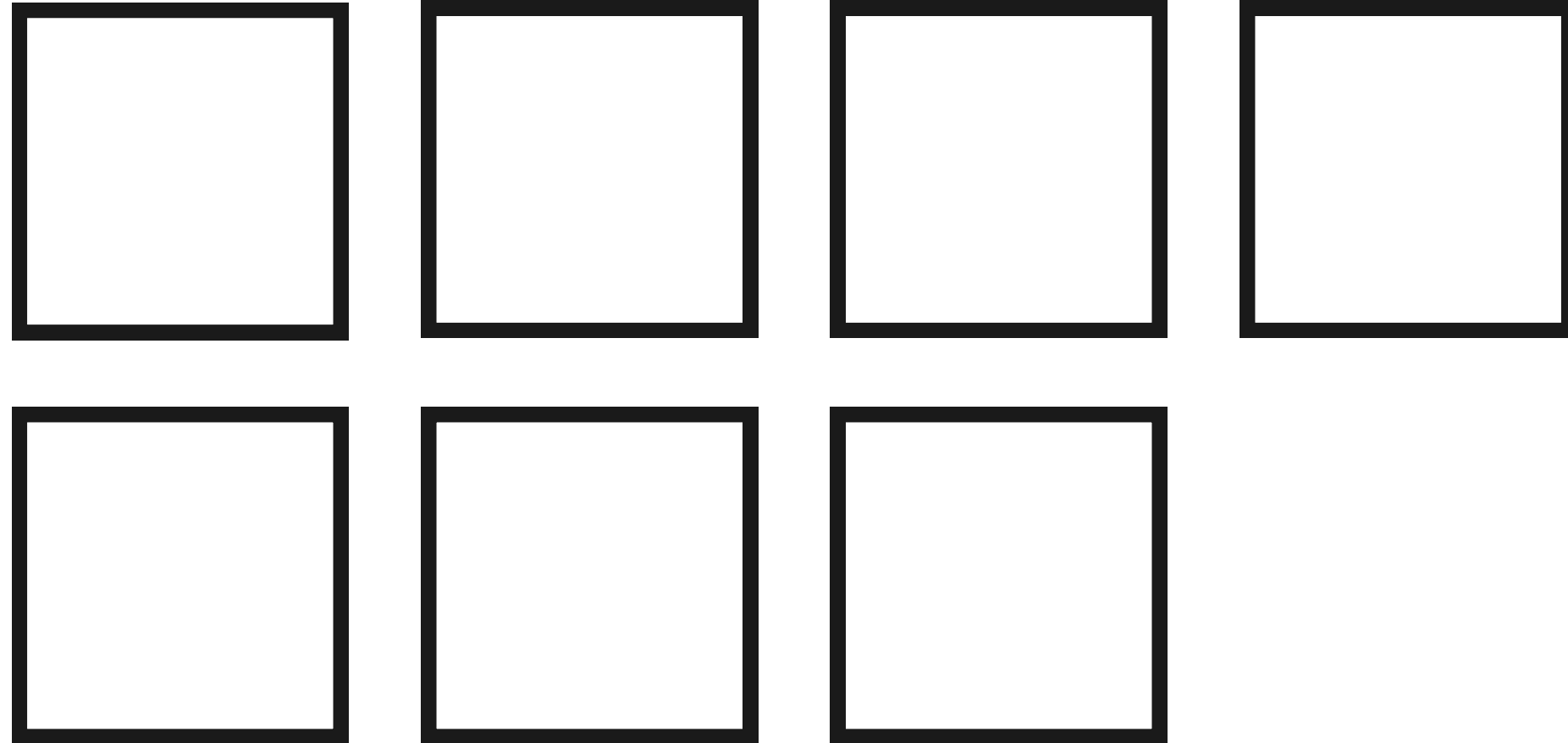
PROGRAMMING WEB UI WITH DATABASE IN A BROWSER

TONSKY.ME

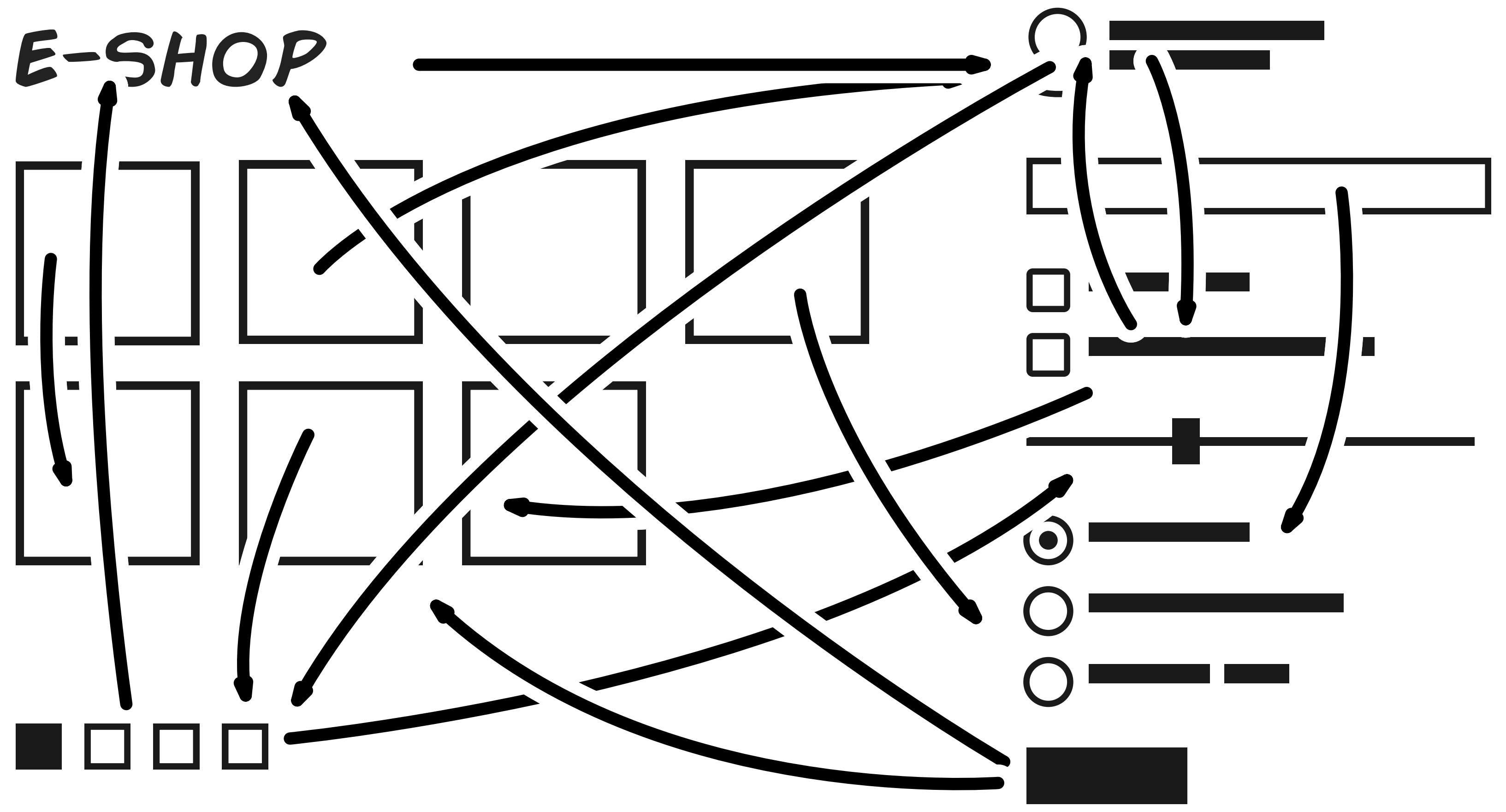
@NIKITONSKY

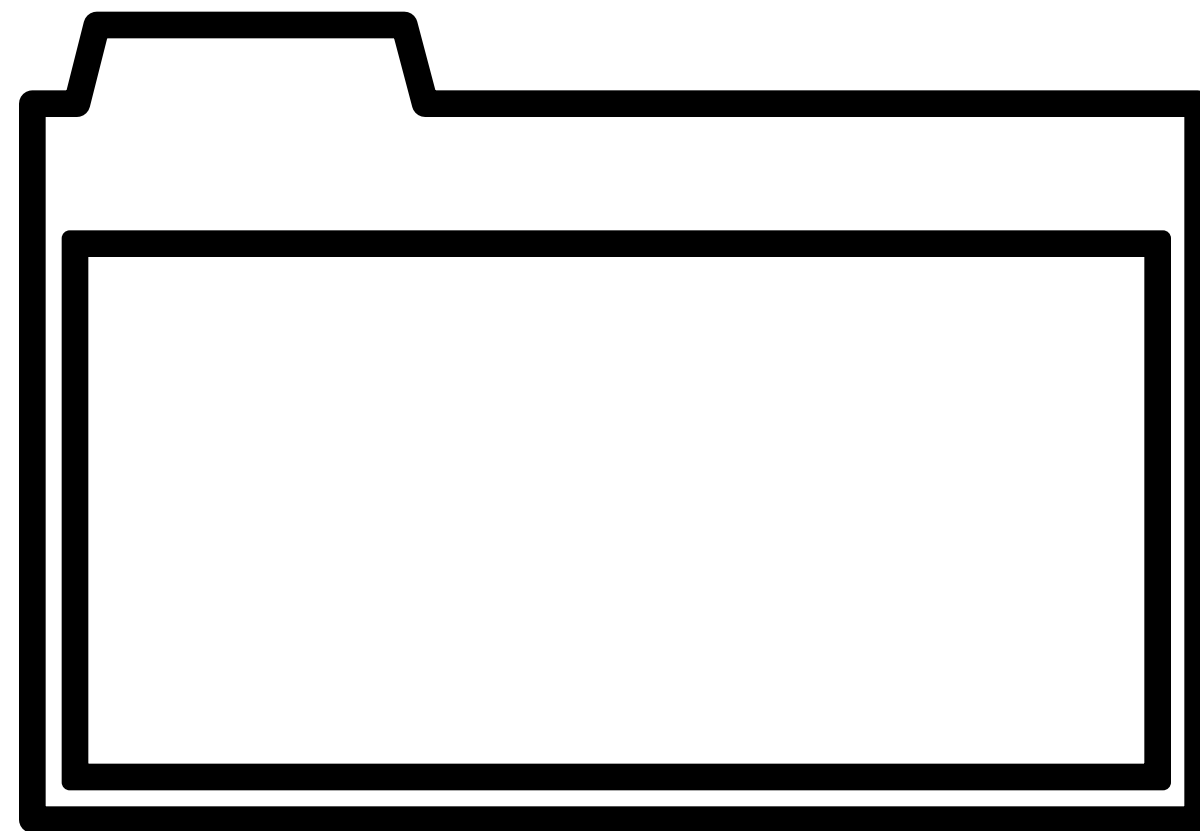
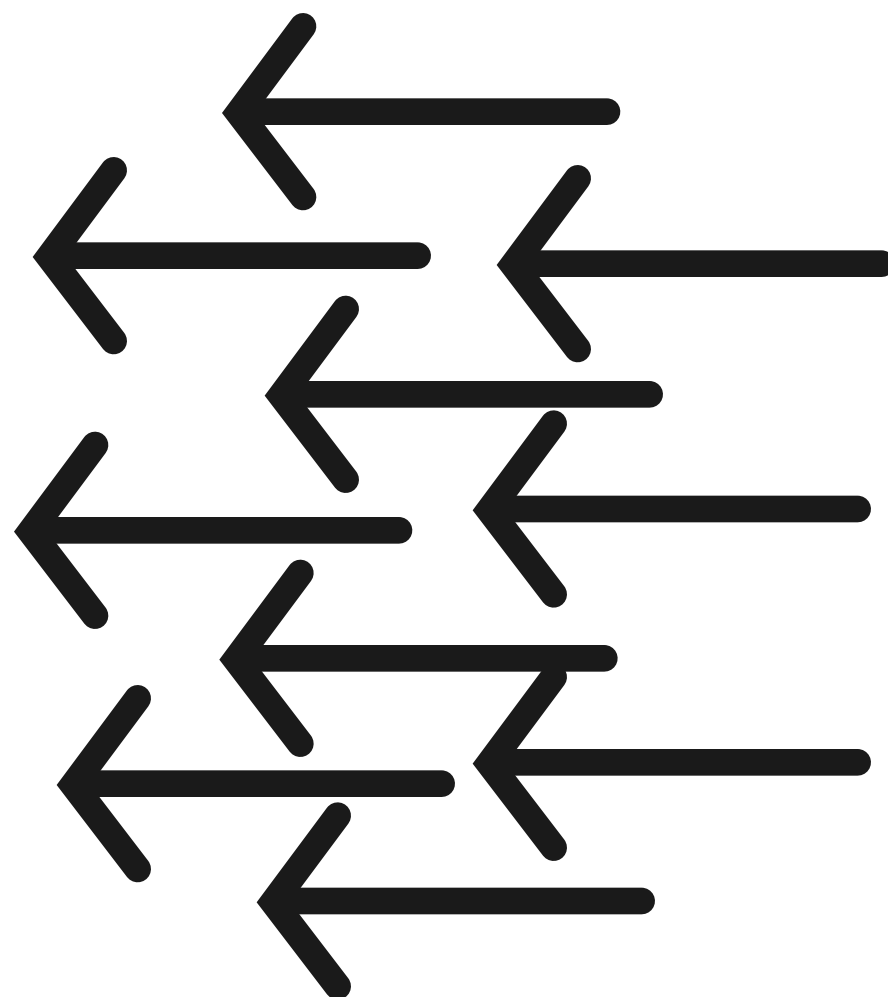
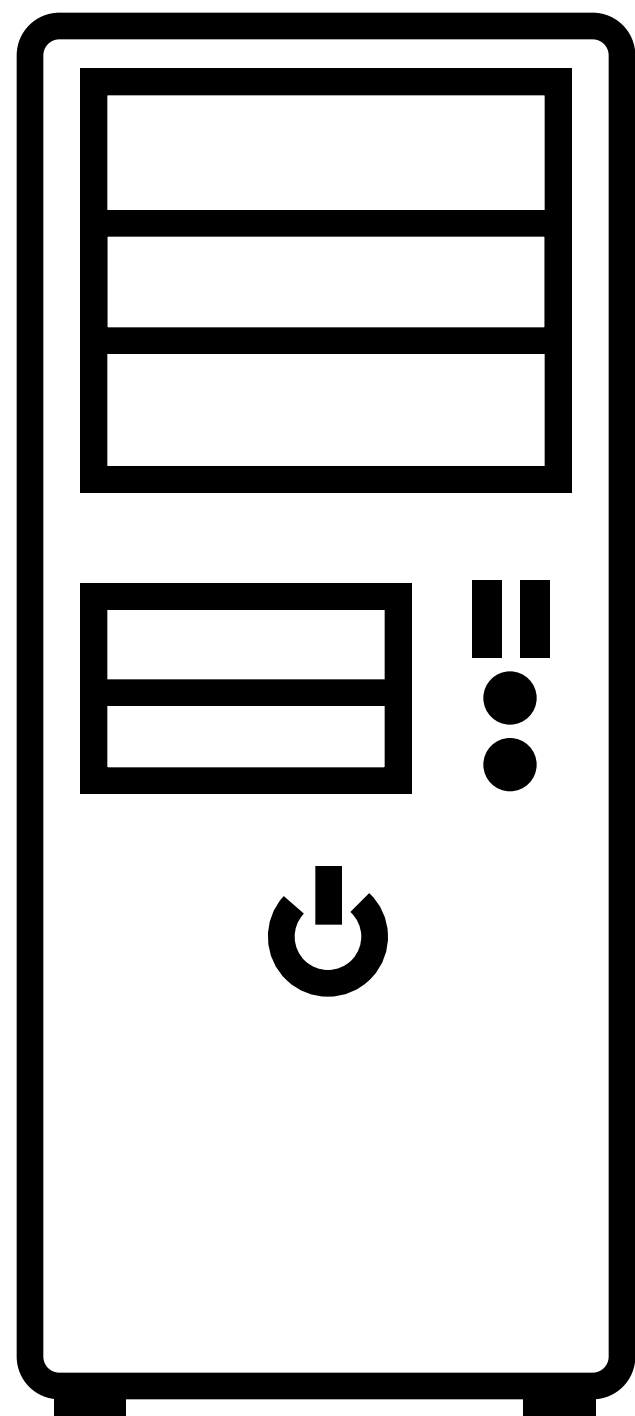


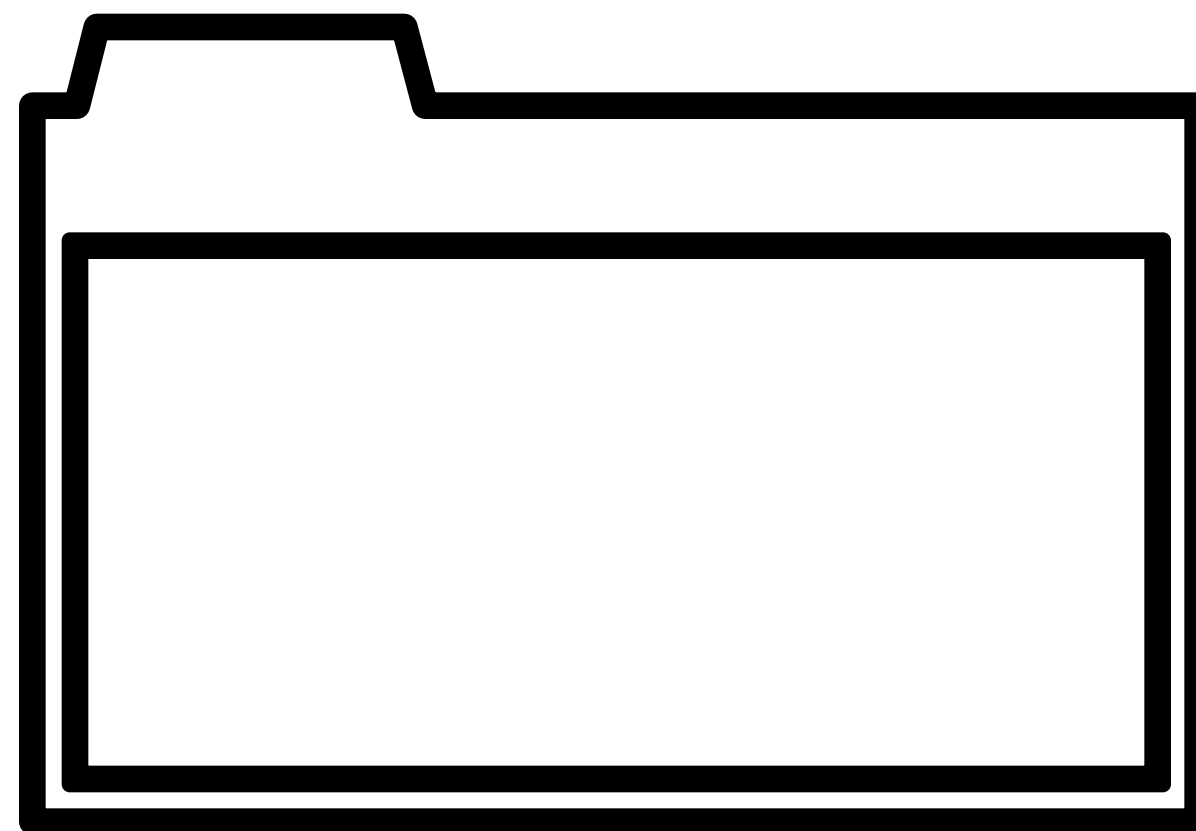
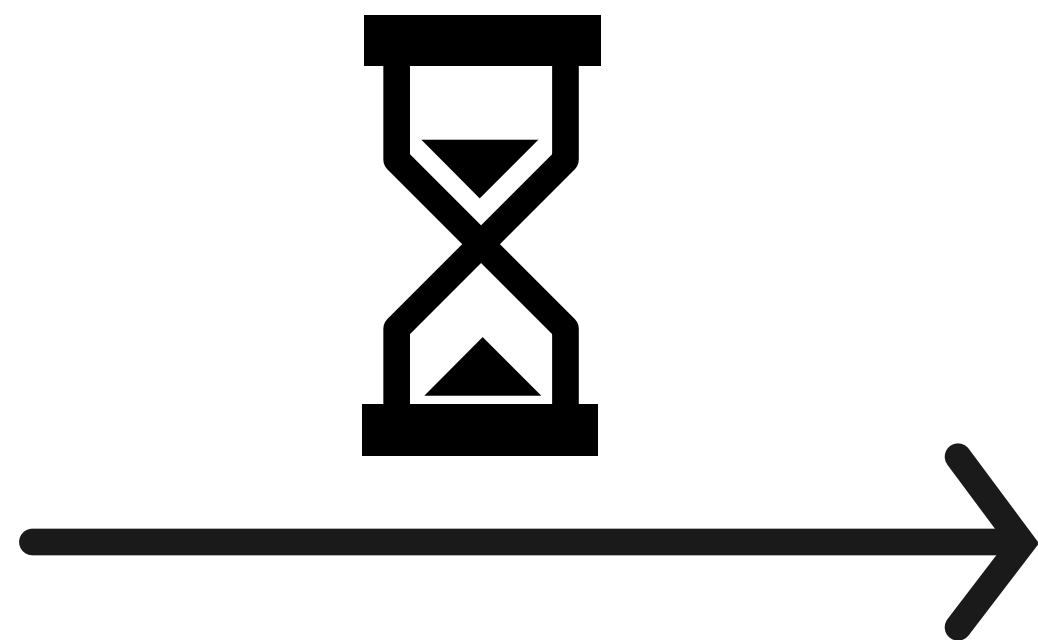
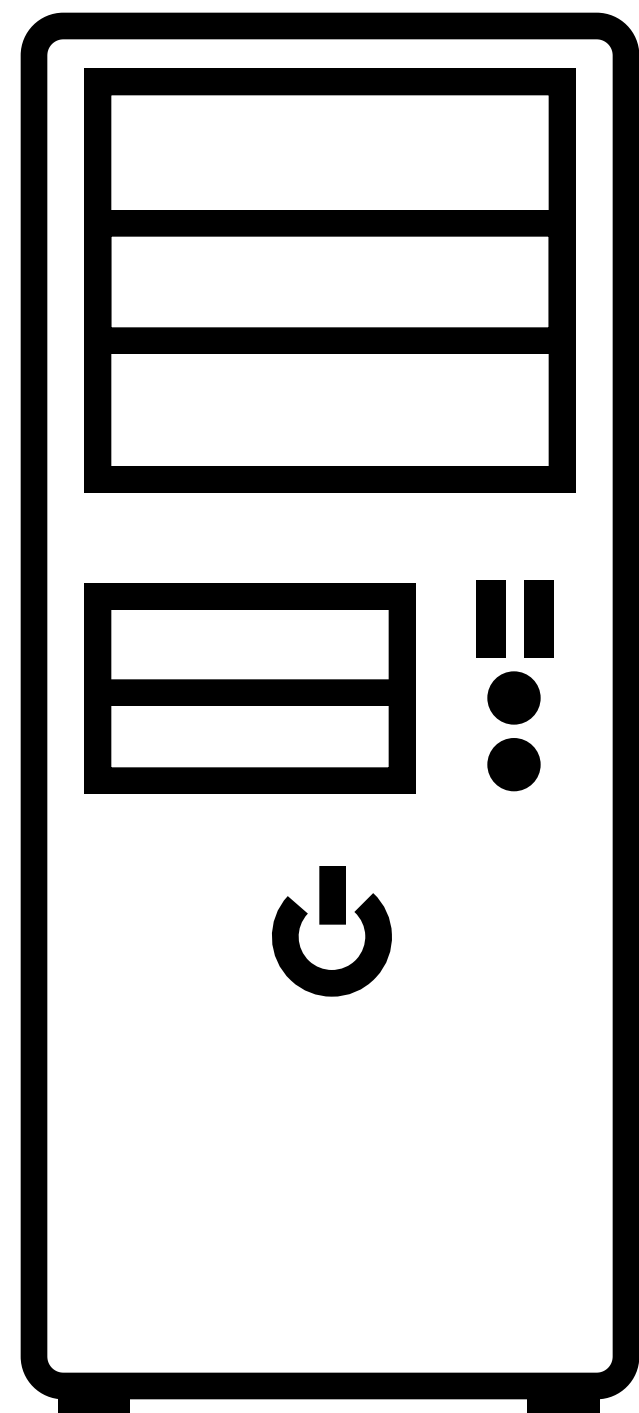
E-SHOP

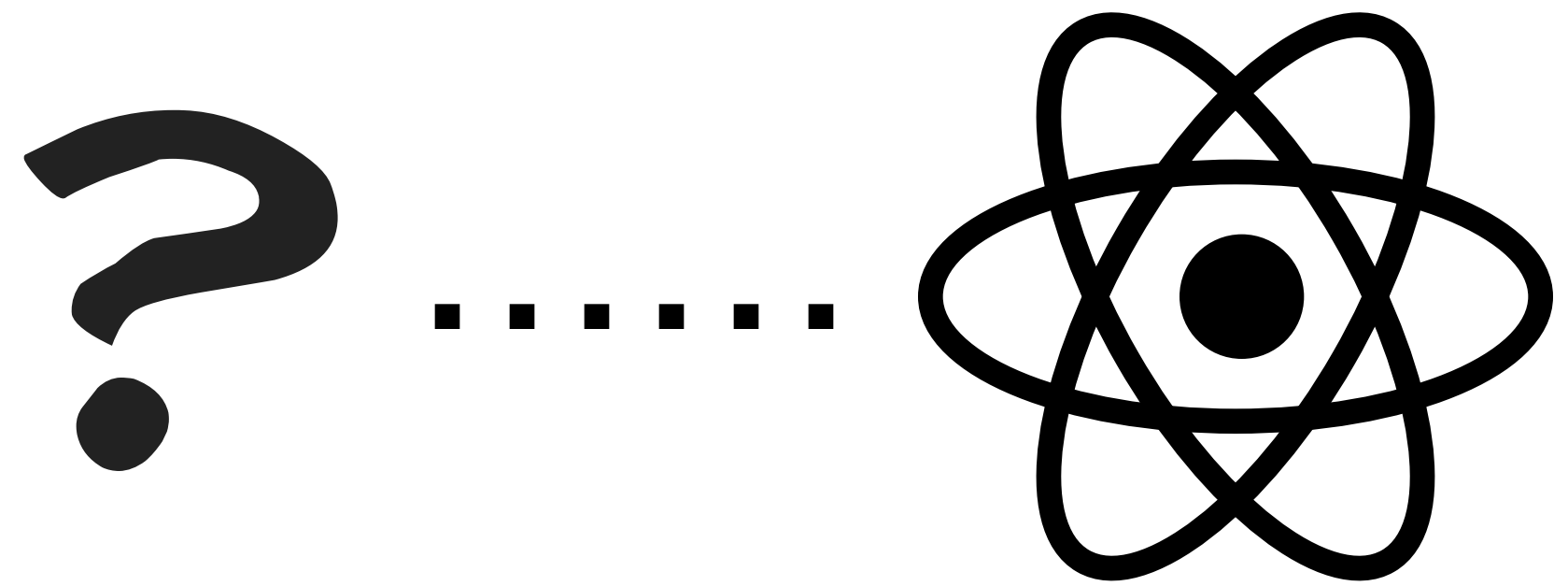


E-SHOP

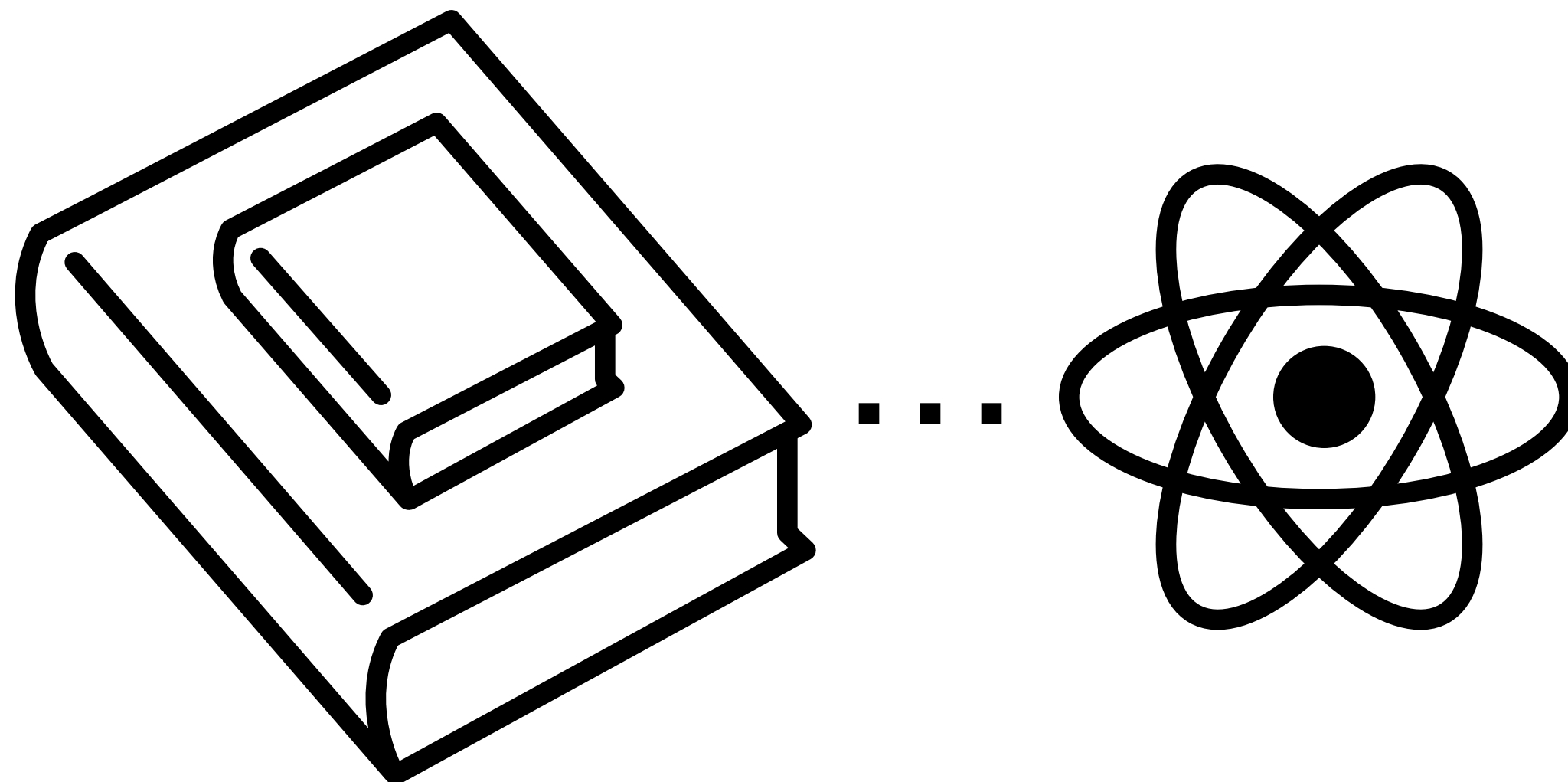


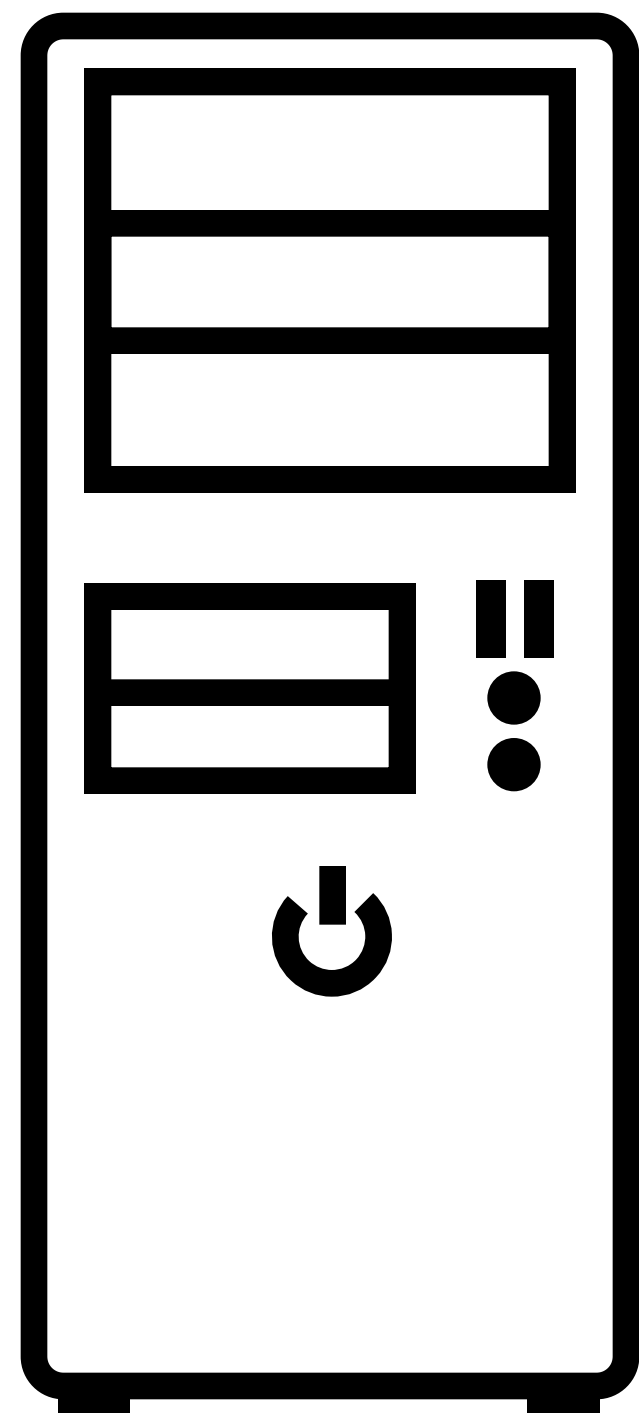




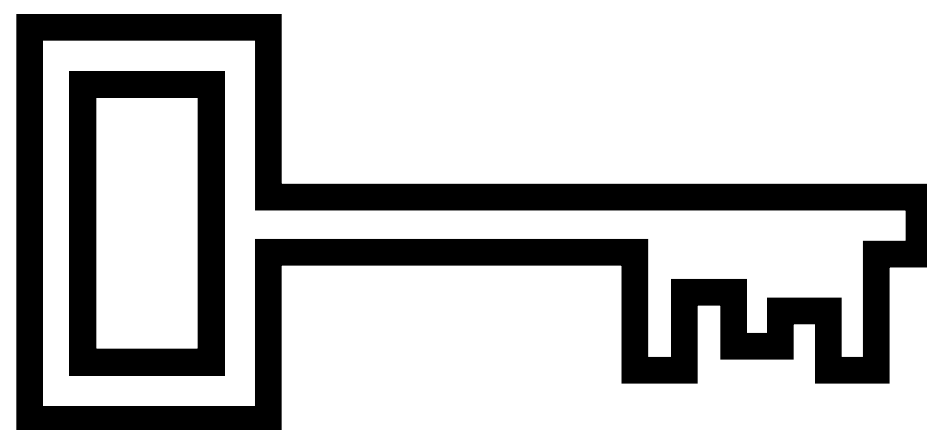


MICROSERVICES!

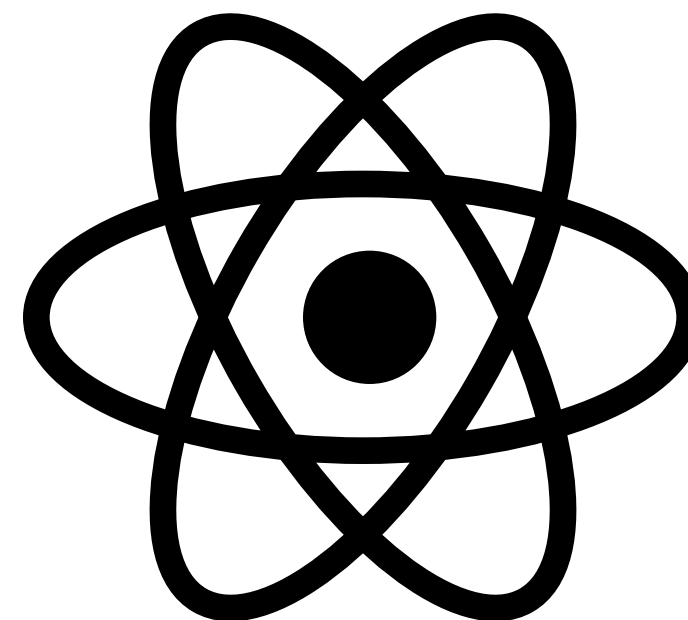


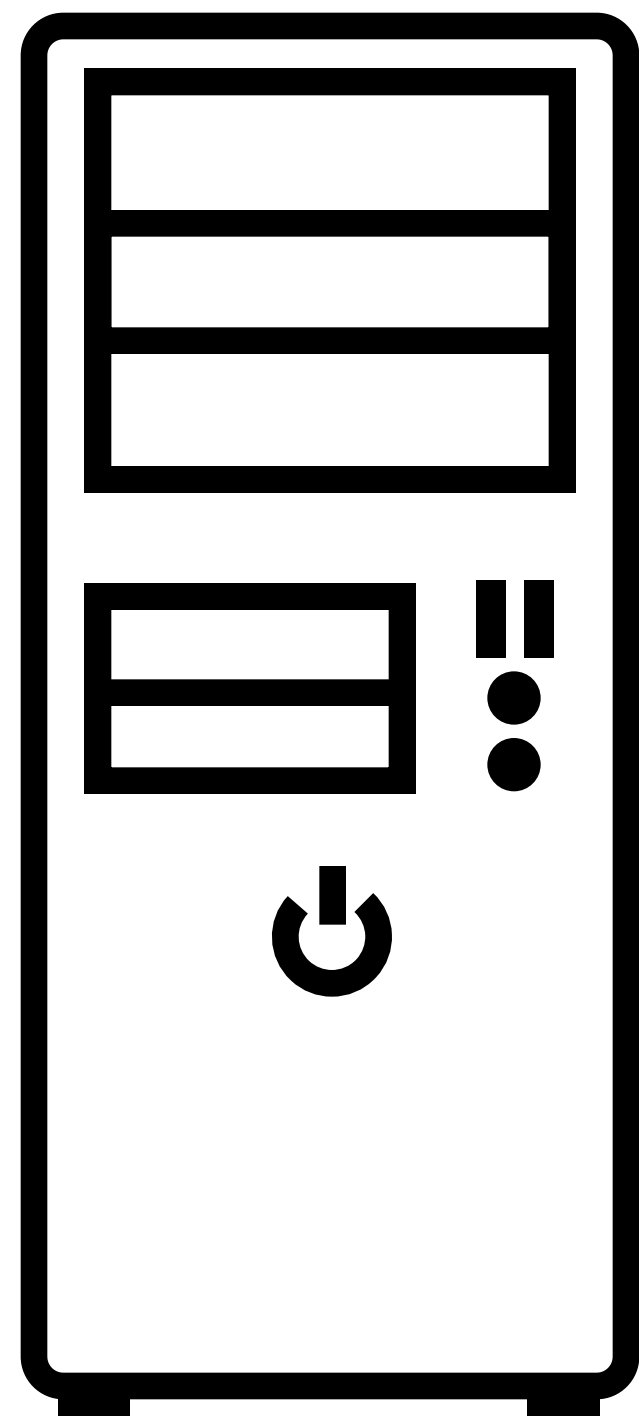


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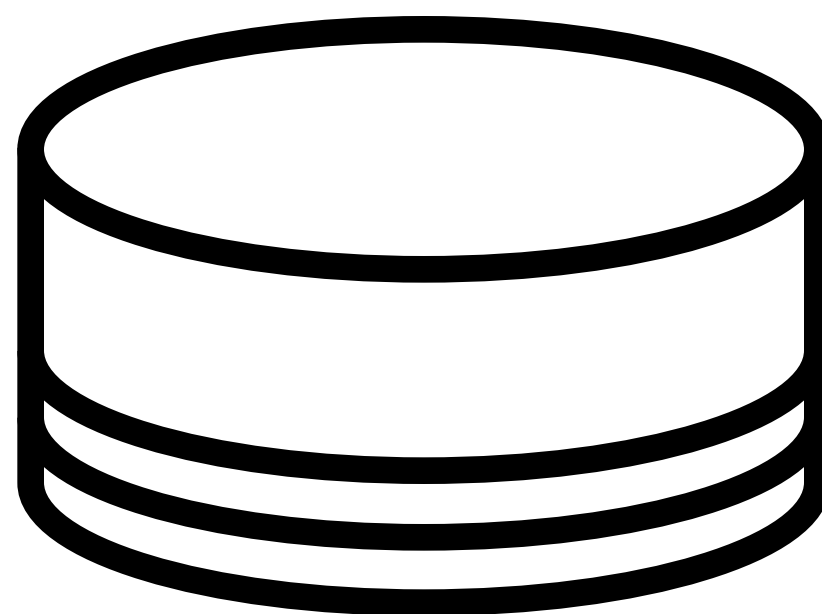


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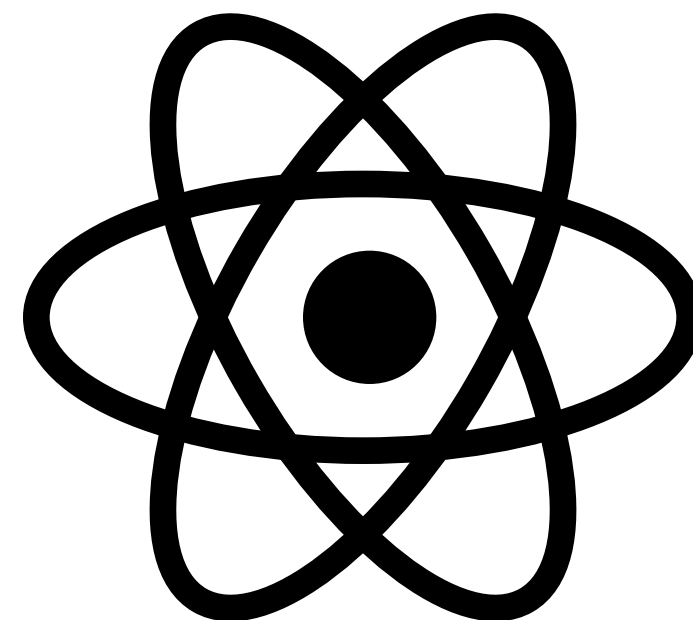


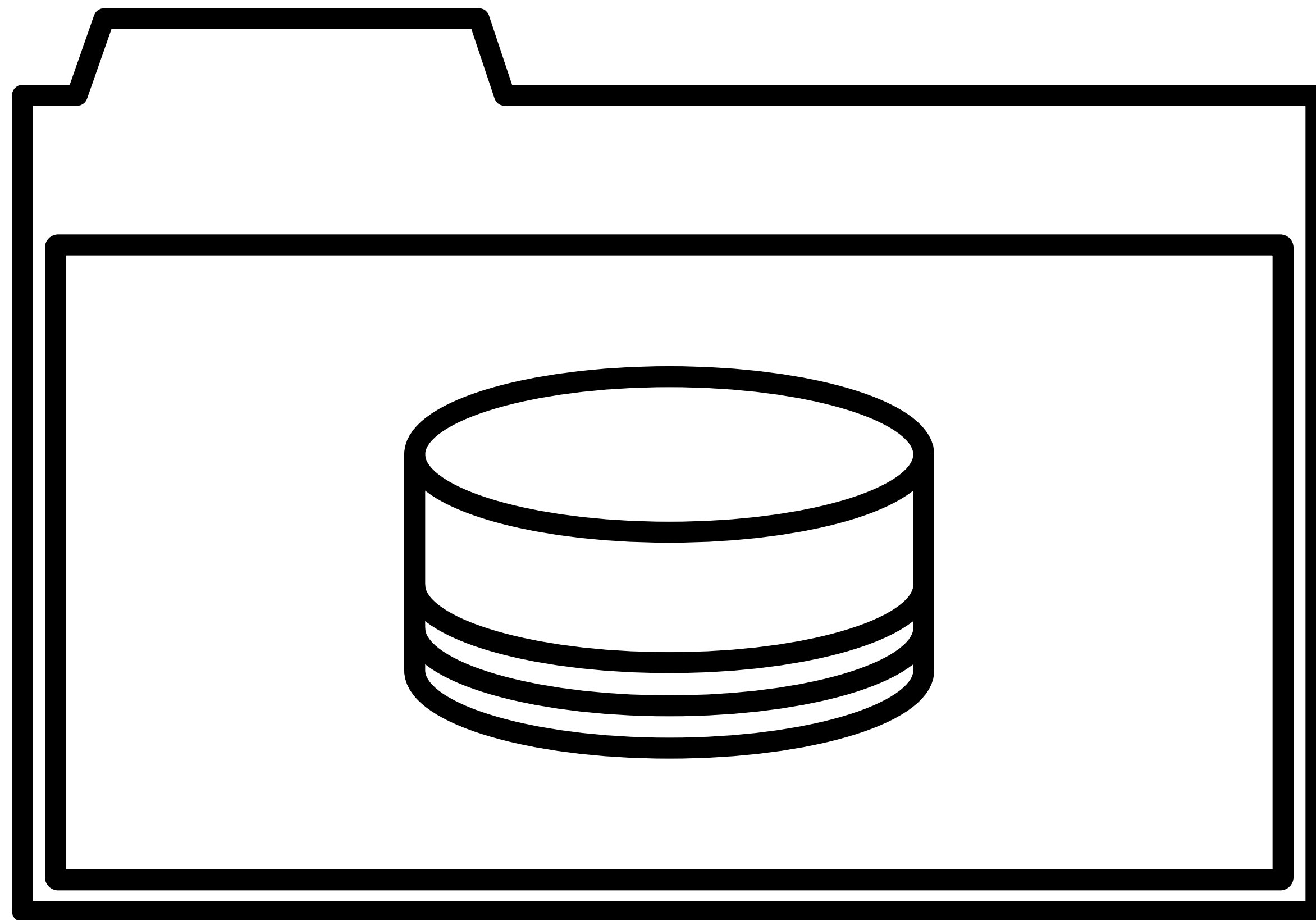


...



...





Δετá≡čr•πt



DATOMIC.COM

**OLEG IS 35,
LIVES IN MOSCOW
AND HAS A BEAR**

E A V

1	NAME	OLEG
1	AGE	35
1	LIVES	MOSCOW
1	PET	BEAR

E A V

1 PET BEAR

1 PET DOG

1 FRIEND 2

1 NAME ?

? *LIVES MOSCOW*

?X NAME OLEG

?X LIVES MOSCOW

?X NAME OLEG

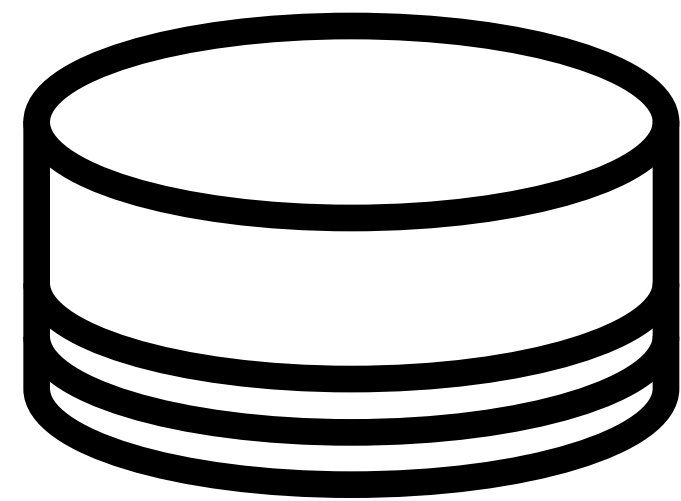
?X LIVES ?CITY

(FRIEND ?A ?B)

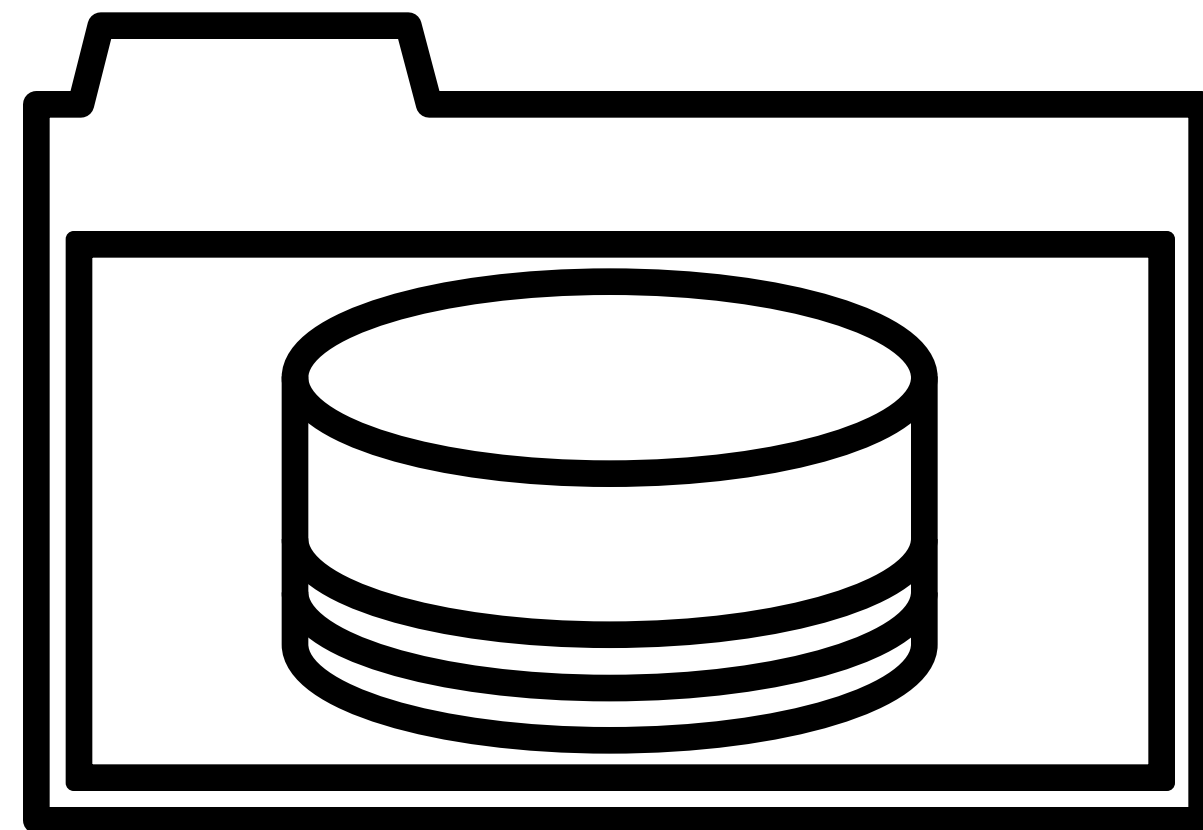
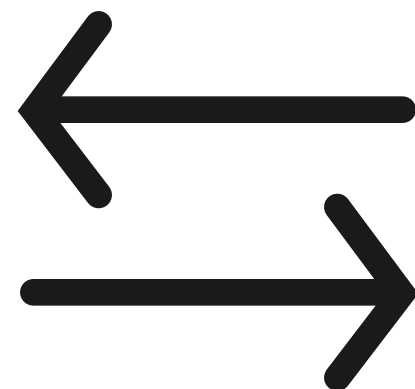
(OR [[?A FRIEND ?B]]

[[?A FRIEND ?X]

(FRIEND ?X ?B)])



GET /DB





Enterprise Git Achievement Solution
Web Scale. In the Cloud

GITHUB.COM/SOMETEAM/ACHA

Users



Vladislav Bauer
bauer.vlad@gmail.com

34



Nikita Prokopov
prokopov@gmail.com

26



Andrey Vasenin
vaseninlol@gmail.com

15



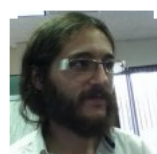
Renat Idrisov
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7



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ben.fleis@gmail.com

6



David Thomas Hume
dth@dtu.me

5

Repos

lj2fb2

<https://github.com/erohinaelena/lj2fb2>

datascript

<https://github.com/tonsky/datascript.git>

acha

<https://github.com/someteam/acha.git>

clojure **SCANNING**

<https://github.com/clojure/clojure.git>

asciidoctor-lein-plugin

<https://github.com/asciidoctor/asciidoctor-lein-plugin>

manet

<https://github.com/vbauer/manet>

android-arsenal.com

<https://github.com/vbauer/android-arsenal.com>

lein-plantuml

<https://github.com/vbauer/lein-plantuml.git>

winphonedriver **SCANNING**

<https://github.com/2gis/winphonedriver.git>

quiescent **FETCHING**

<https://github.com/levand/quiescent>

aoide



Enterprise Git Achievement Solution
Web Scale. In the Cloud

GITHUB.COM/SOMETEAM/ACHA

Achievements



Massive

Add more than 1000 lines in a single commit

[datascript/fc1f043](#)

[acha/d611bc0](#)

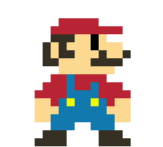


Dangerous Game

Commit after 6PM friday

[acha/7d326ec](#)

[datascript/1c32270](#)



Save the Day

Use word "fix" in a commit message

[acha/1c75df7](#)

[datascript/8071220](#)



Happily Never After

Add JS file to the repo

[acha/3de54ee](#)

[datascript/ef96824](#)



Owl

Commit between 4am and 7am local time

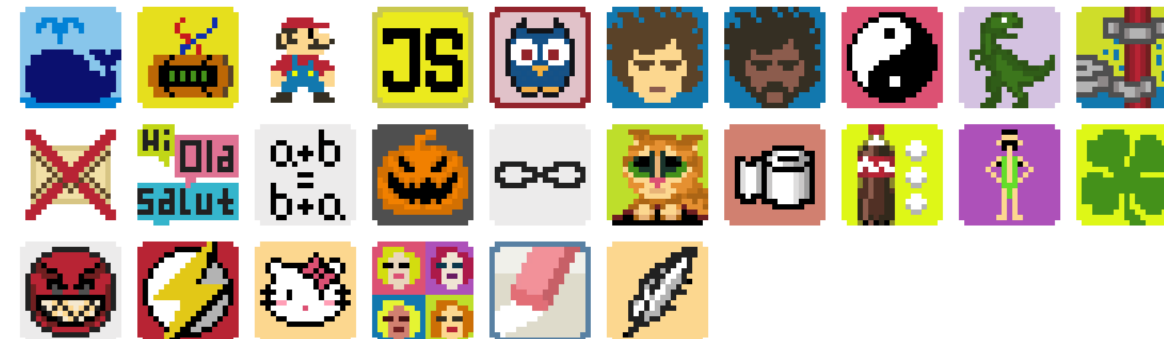
[acha/06b3439](#)

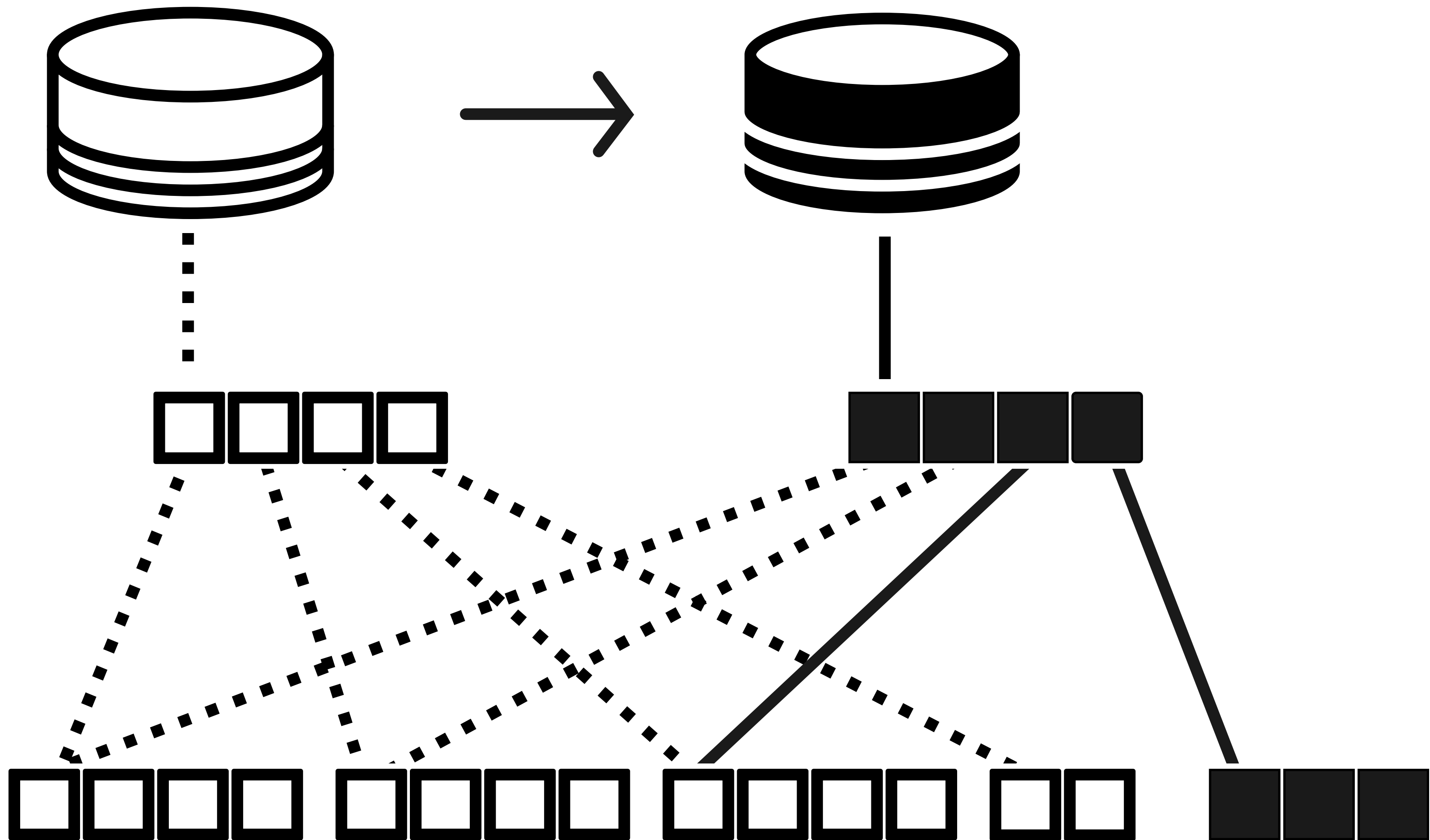
[datascript/8bd2817](#)

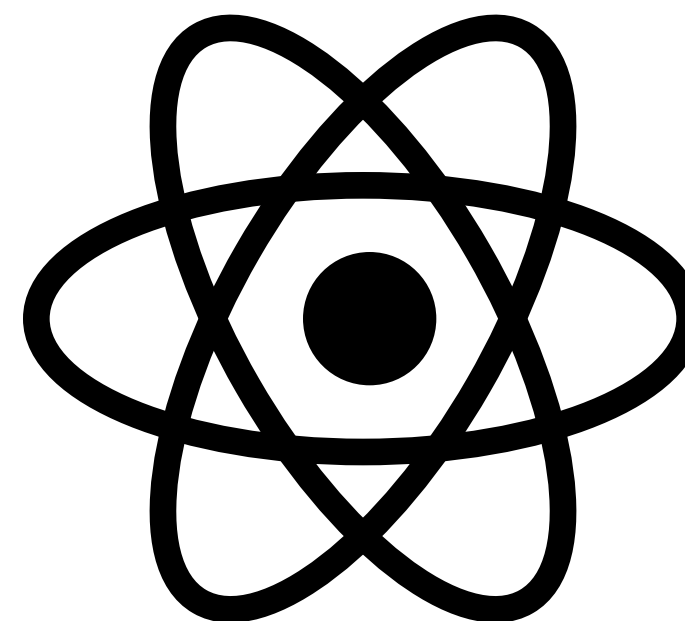
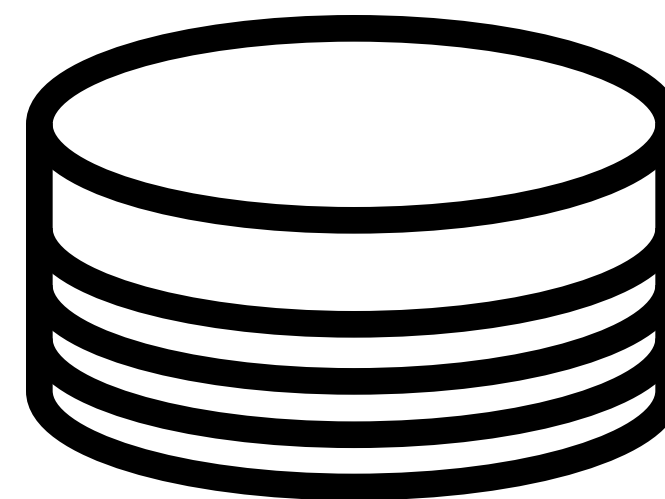
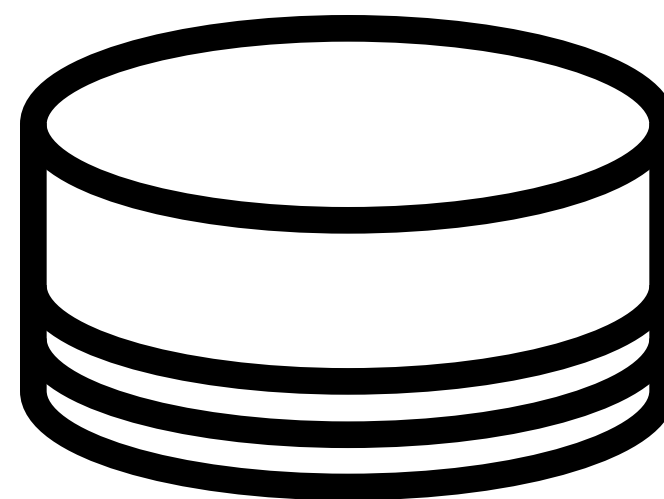
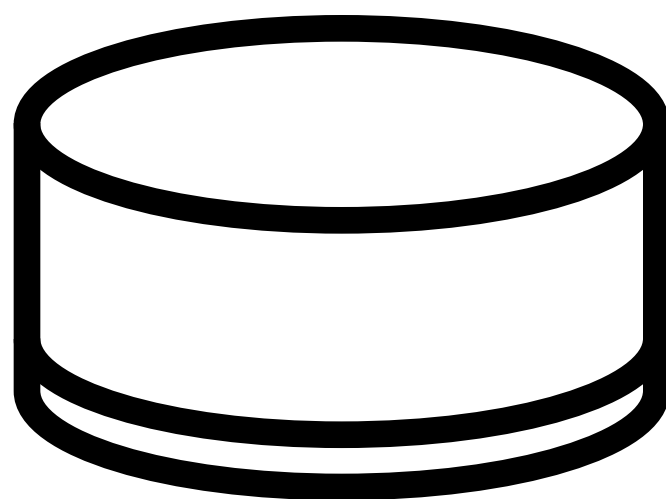
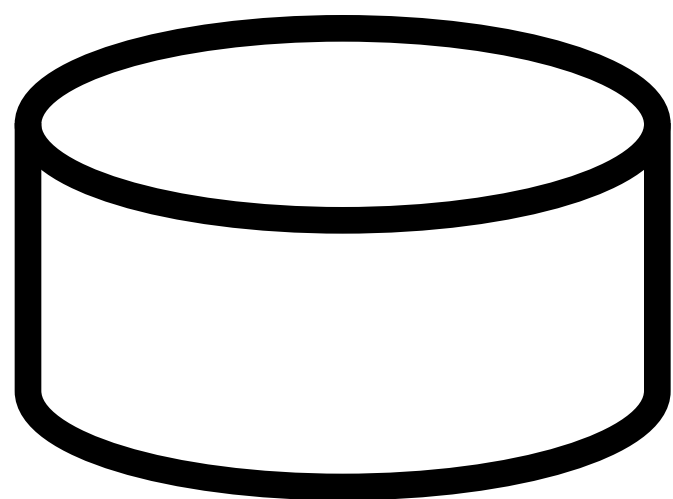


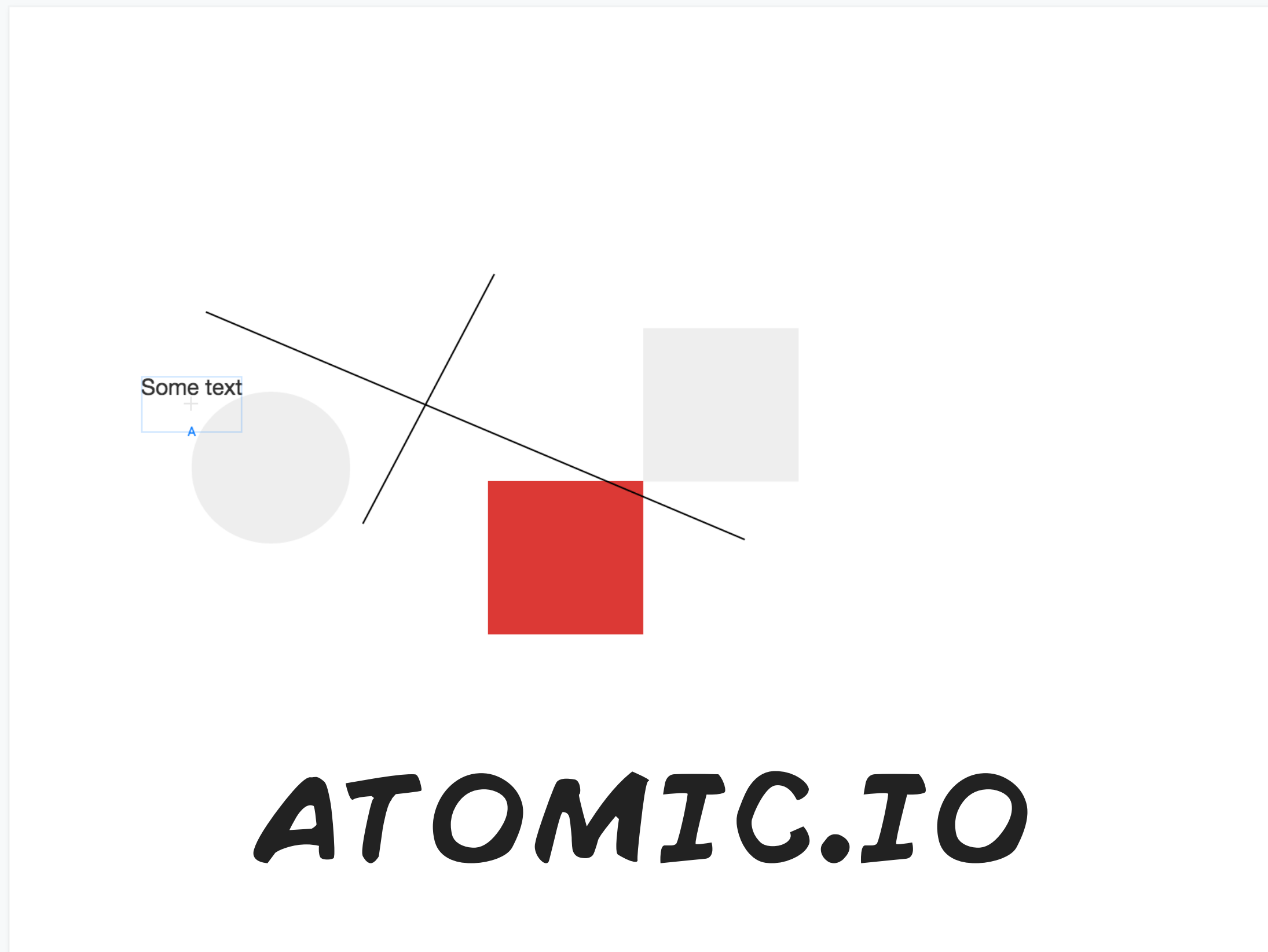
Nikita Prokopov

prokopov@gmail.com









LAYOUT

X83PX

Y233.5PX

W64PX

H36PX

ROTATE0°

TYPOGRAPHY

FONTHelvetica Neue

WEIGHT400 - Regular

SIZE14PX

LINE1.40EM

SPACINGPX

COLOR

ALIGN

AUTOSIZE☒SHARP☐

APPEARANCE

OPACITY100%

CSSCustom CSSExport CSS

Enter CSS to apply additional styling

Preview

Comments

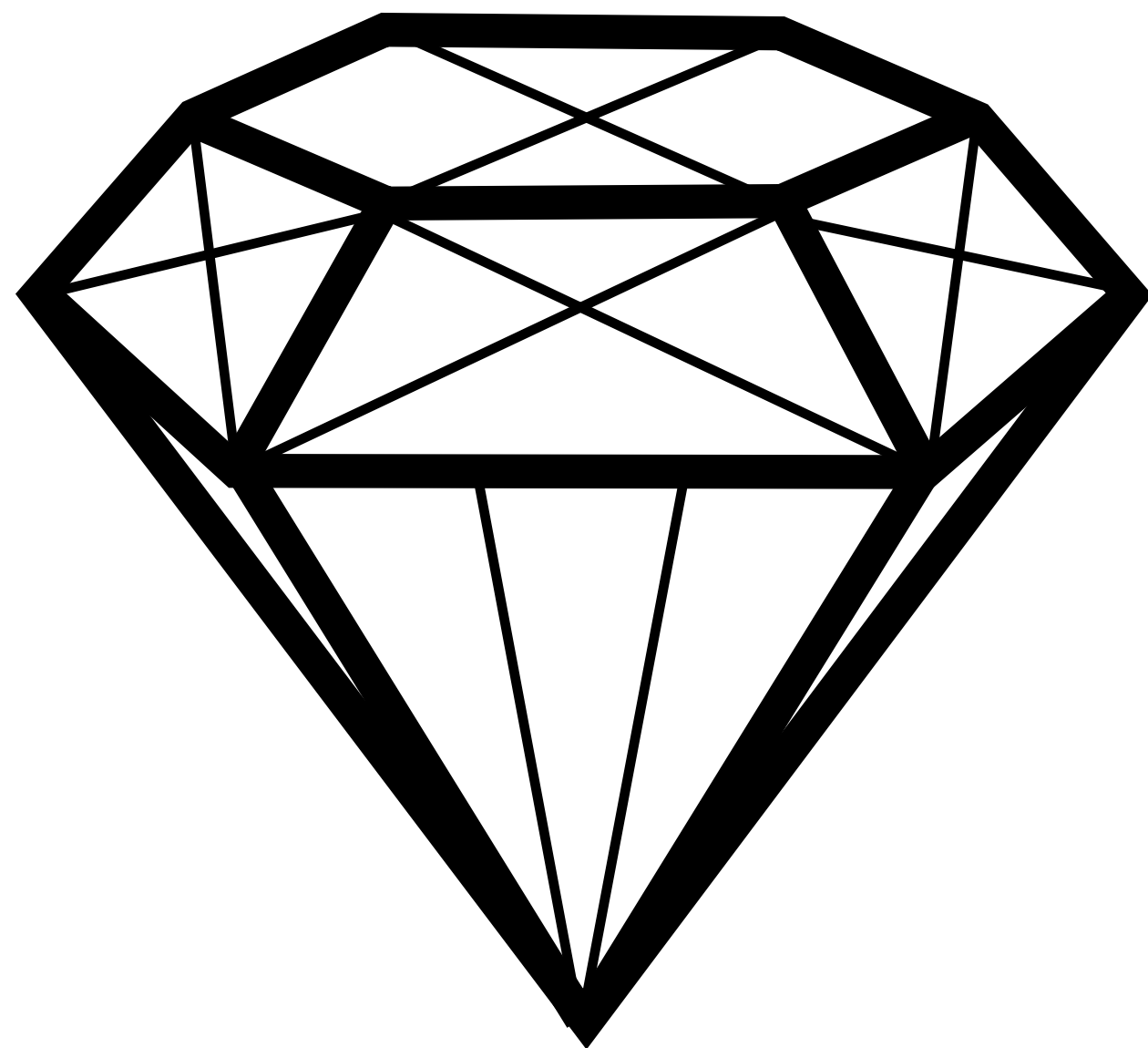
Share

0

1

Hi Nikita, We made this quick video to show how Atomic can help you cre...



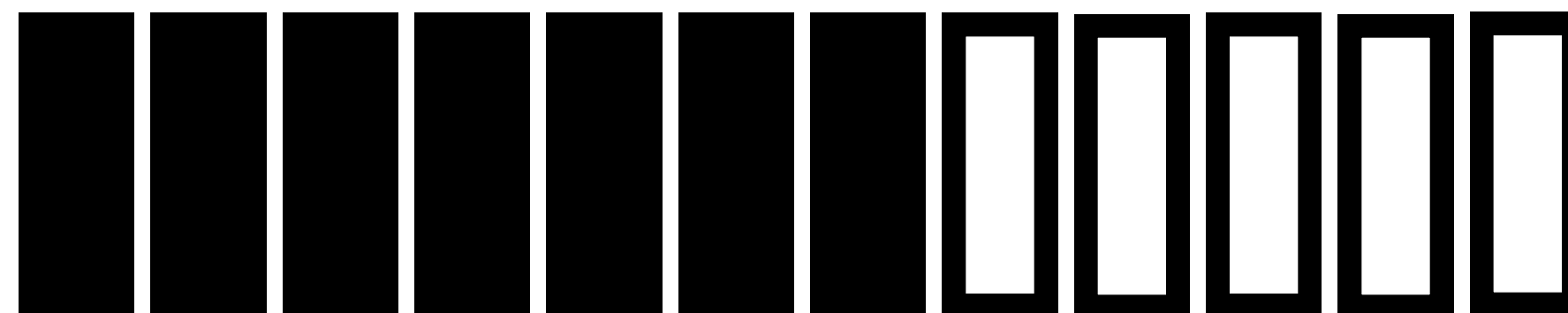
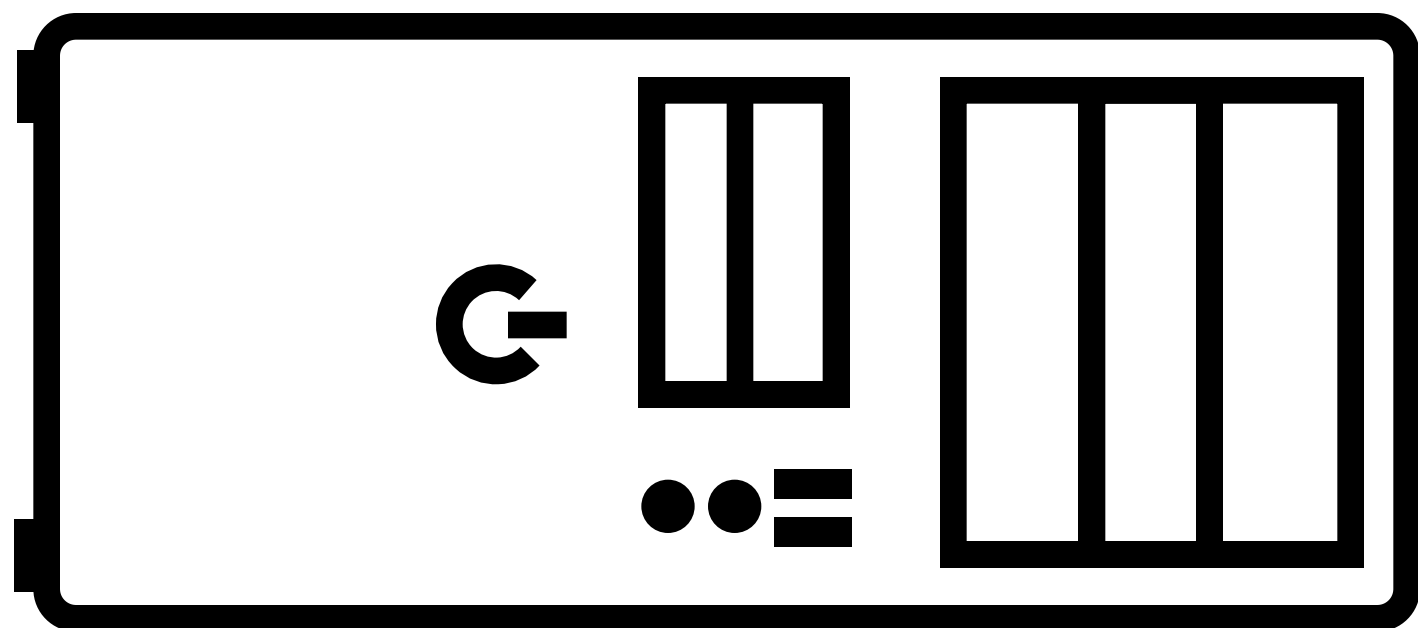


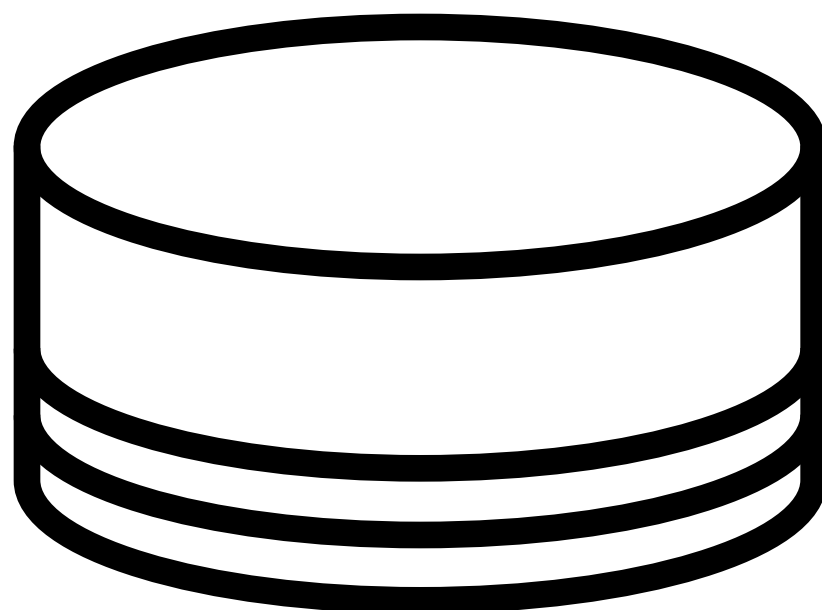
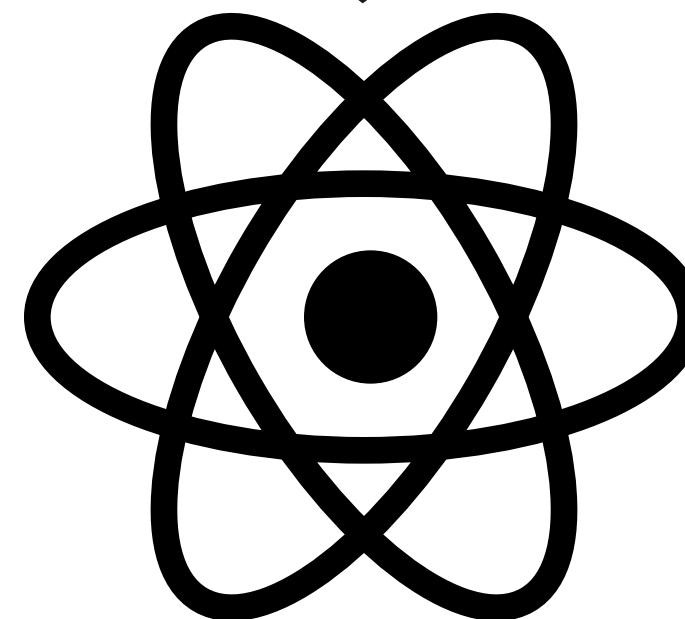
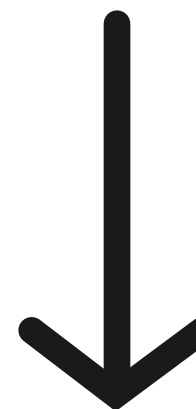
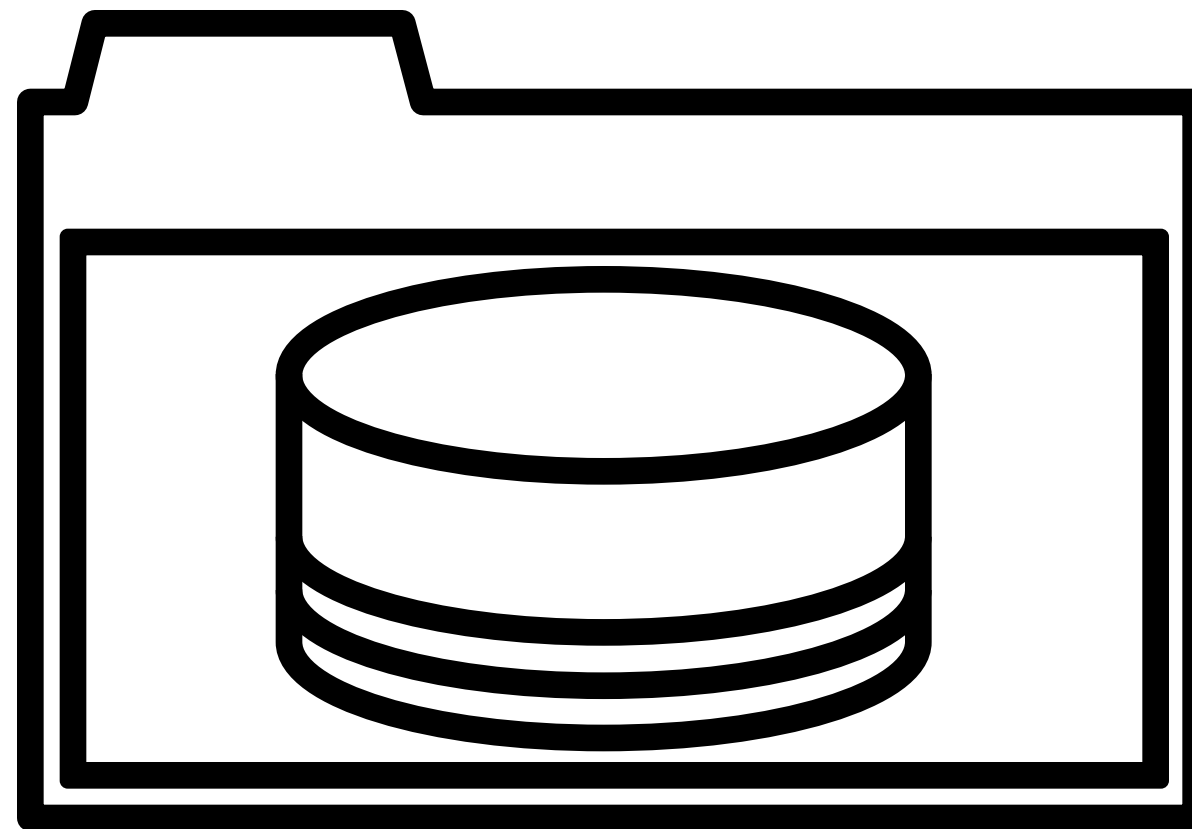
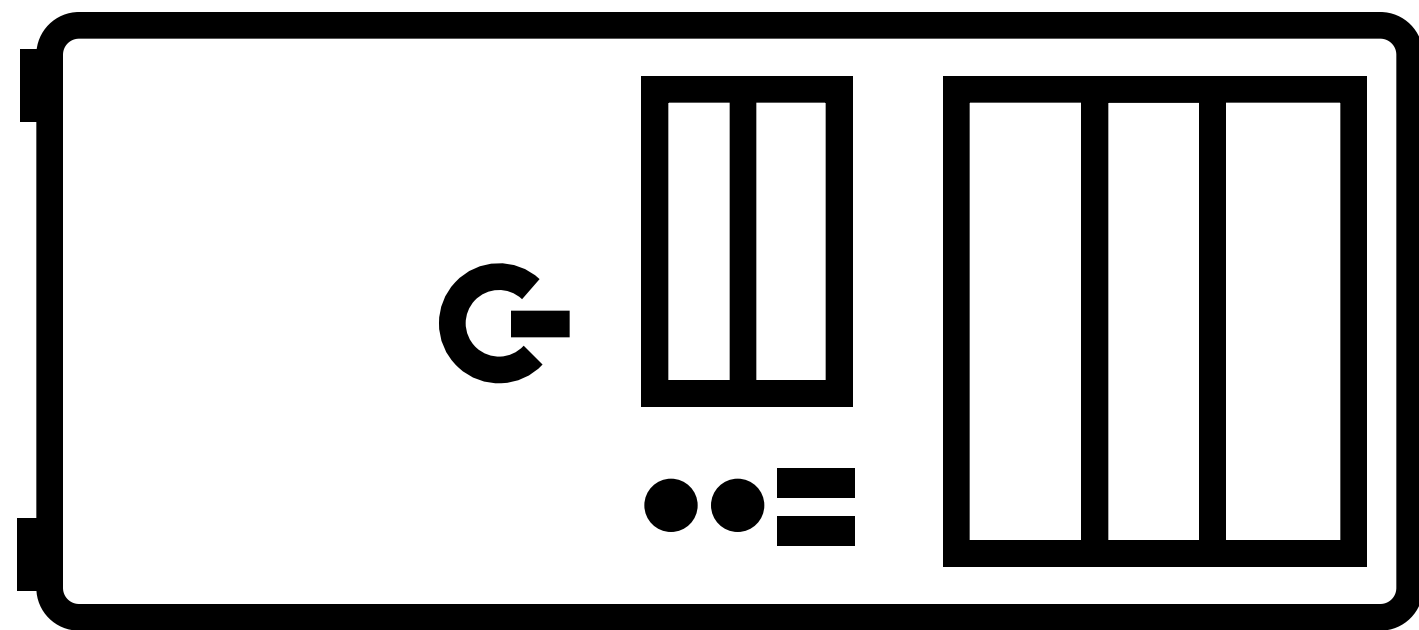
\$99

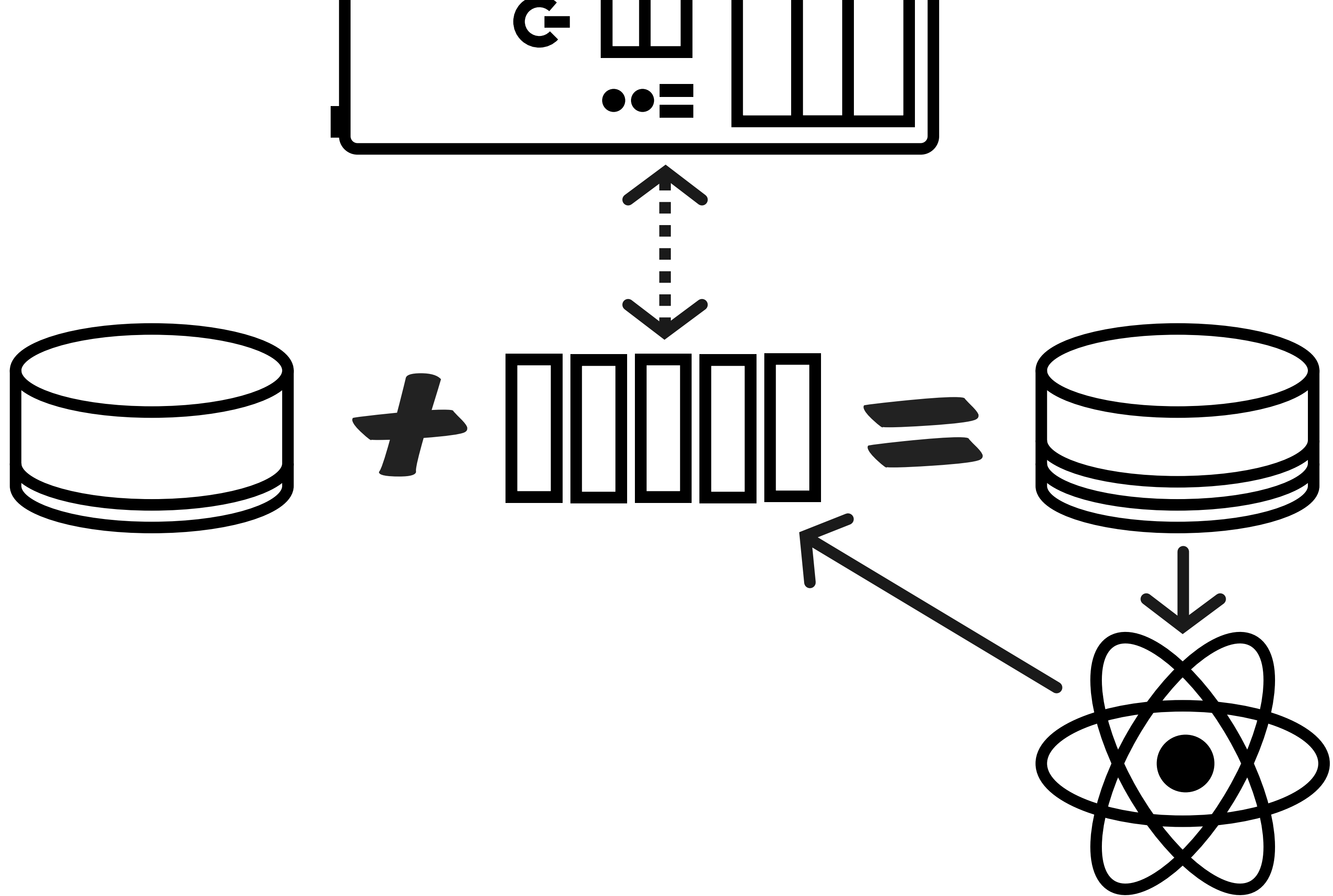
EST. 2010

- 1 NAME OLEG

+ 1 NAME IVAN







ΔετáΞčr.πt

CLOJURESCRIPT 1 YEAR

JS 29 RELEASES

CLOJURE 4 CONTRIBUTORS

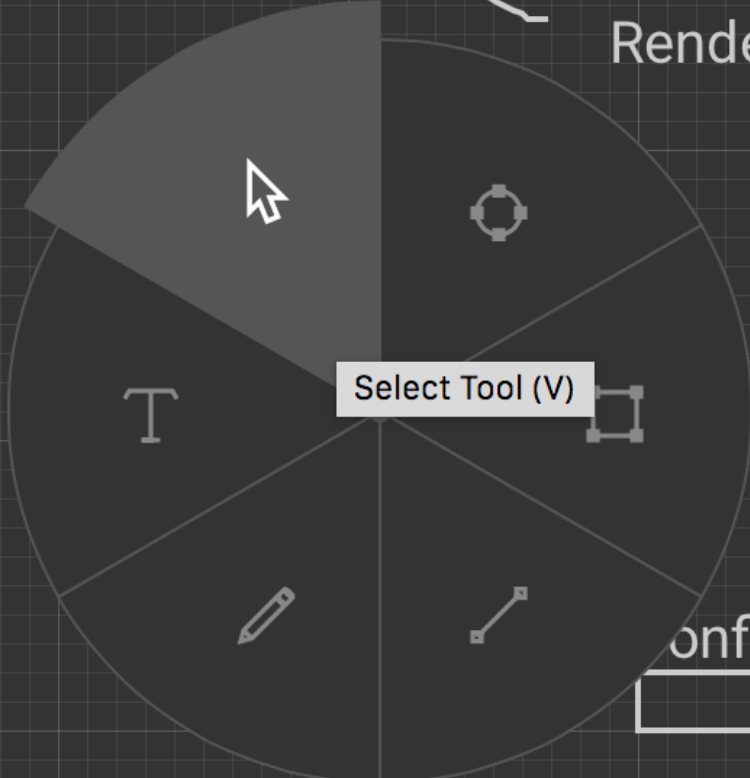
“JVM” 7,000 LOC



Server response

Render UI

PRECURSORAPP.COM



Select Tool (V)

Confirmed events

Pending events

UI renders this

Confirmed events

Confirmed DB

Optimistic DB

Confirmed DB

Client

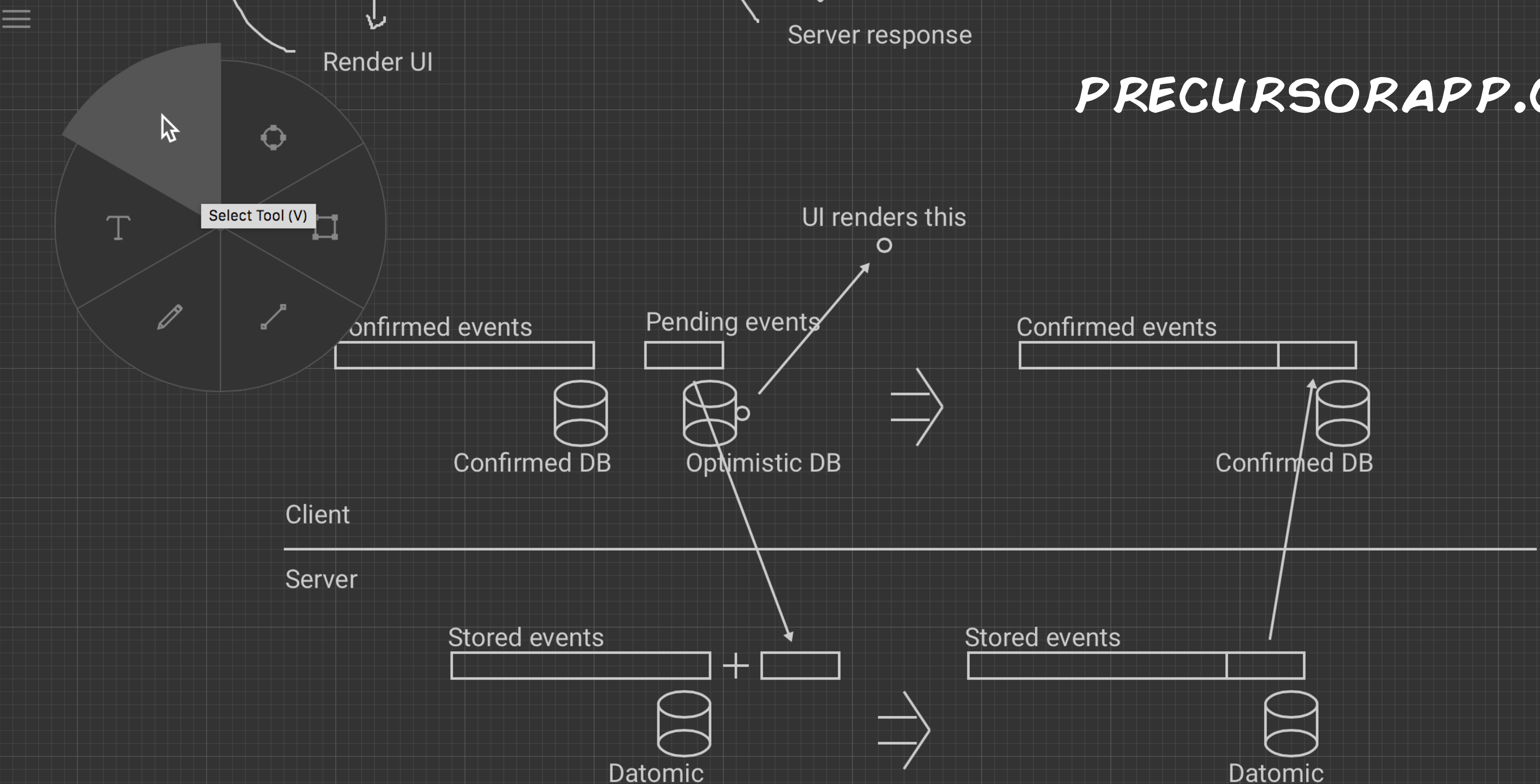
Server

Stored events

Stored events

Datomic

Datomic



TO BE CONTINUED...

GITHUB.COM/TONSKY/DATASCRIP

TONSKY.ME/

// POLYCONF 2015