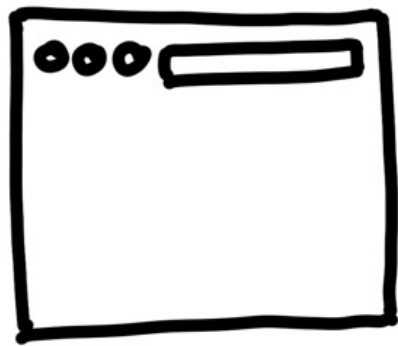
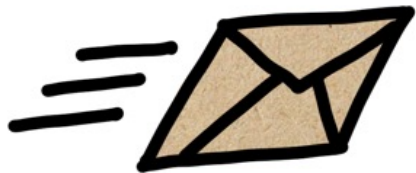
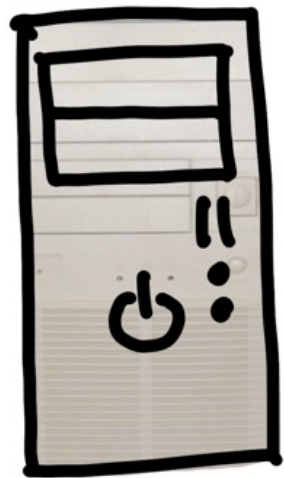
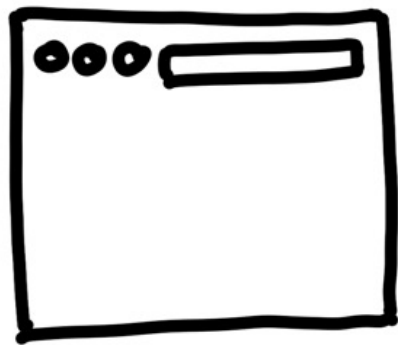
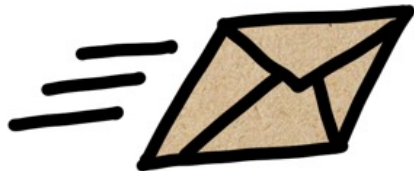
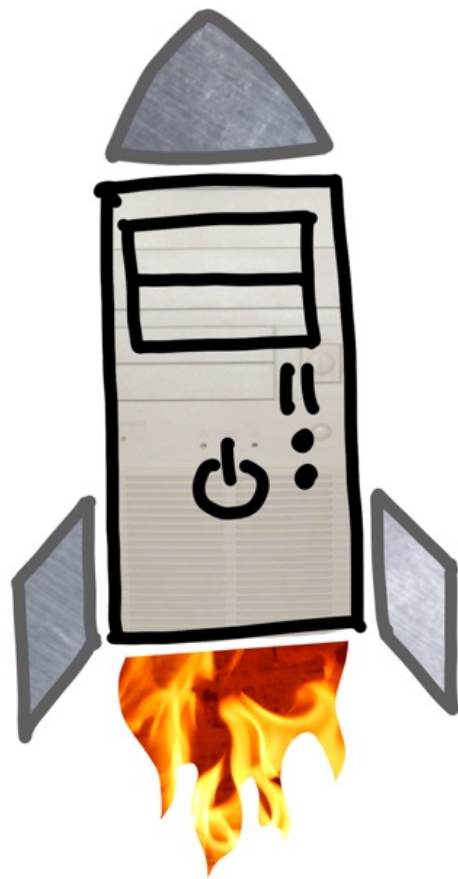
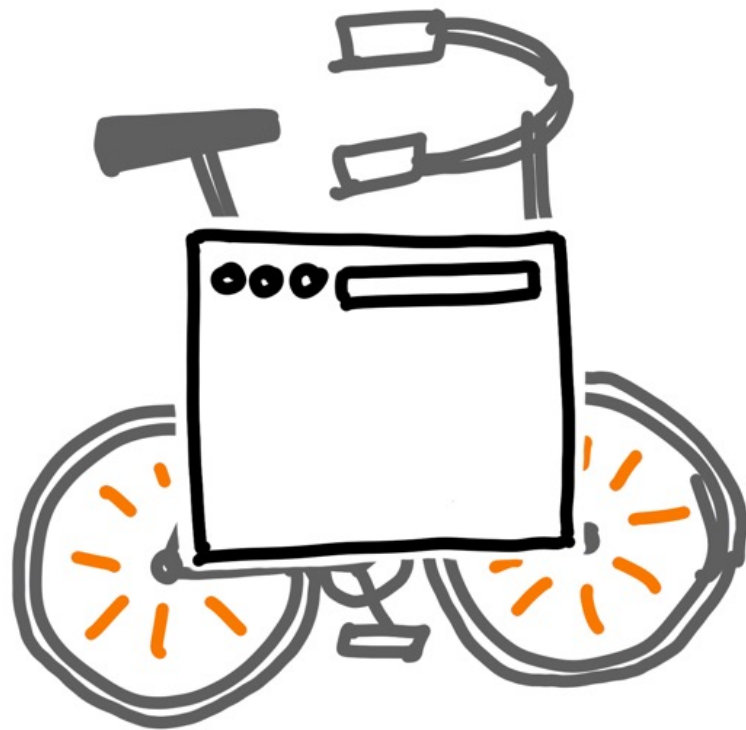
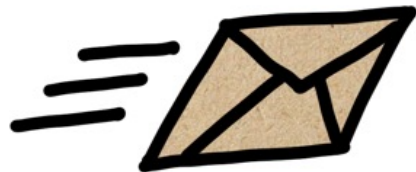
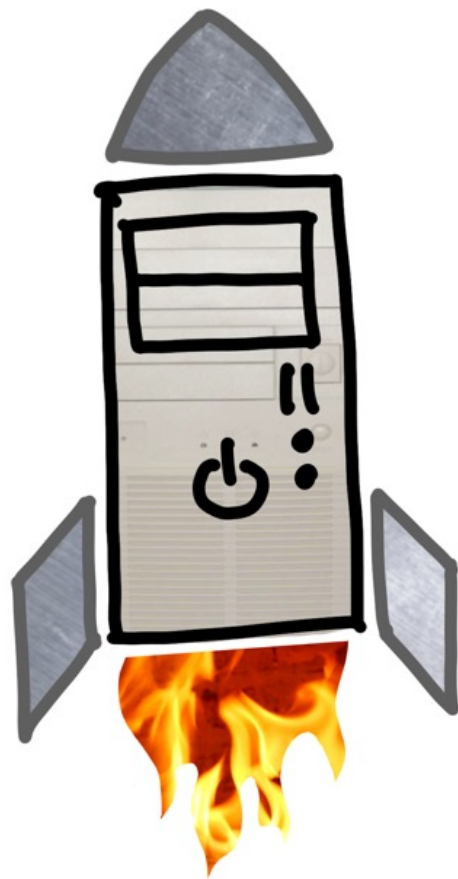


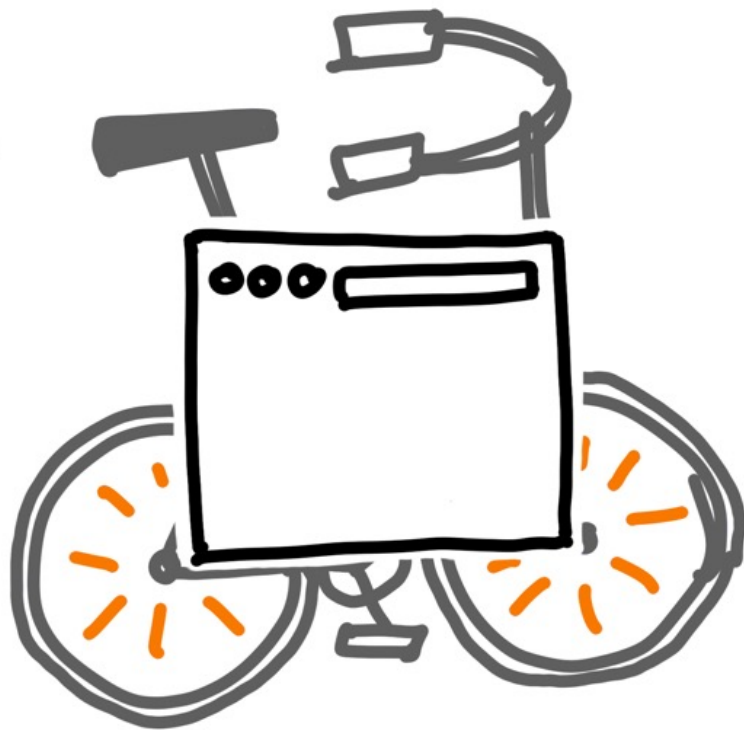
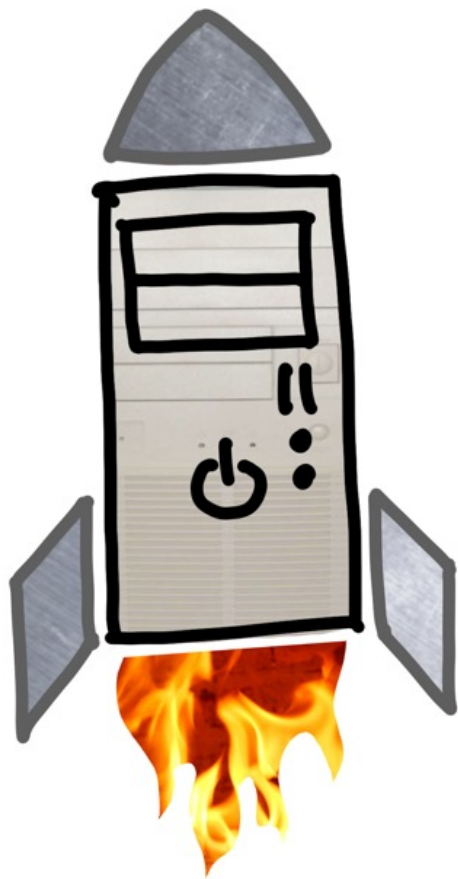
• КЛИЕНТУ
≡ ≡ ≡
Серверу •
нужно поговорить

@nikitonsky

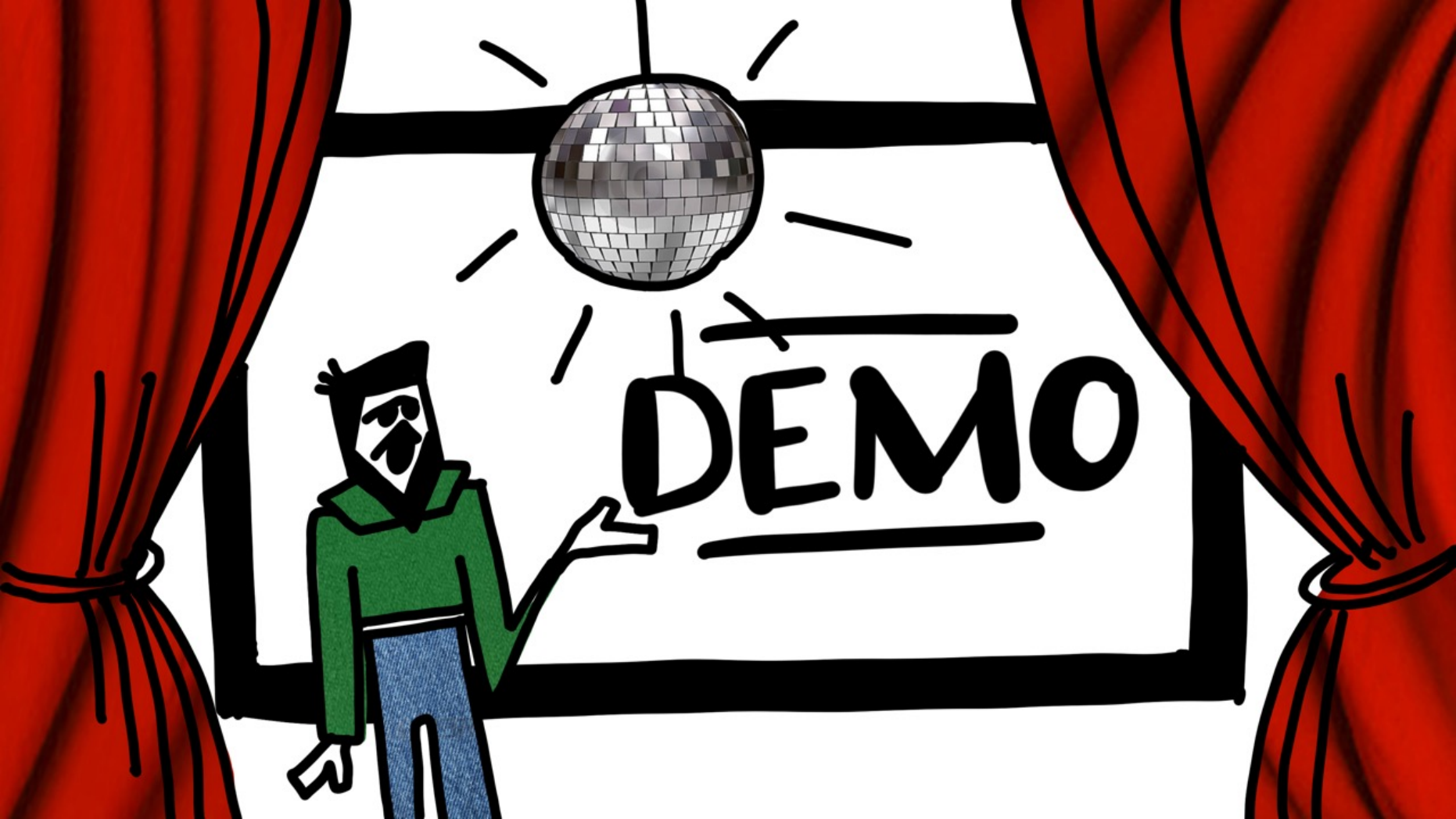












DEMO









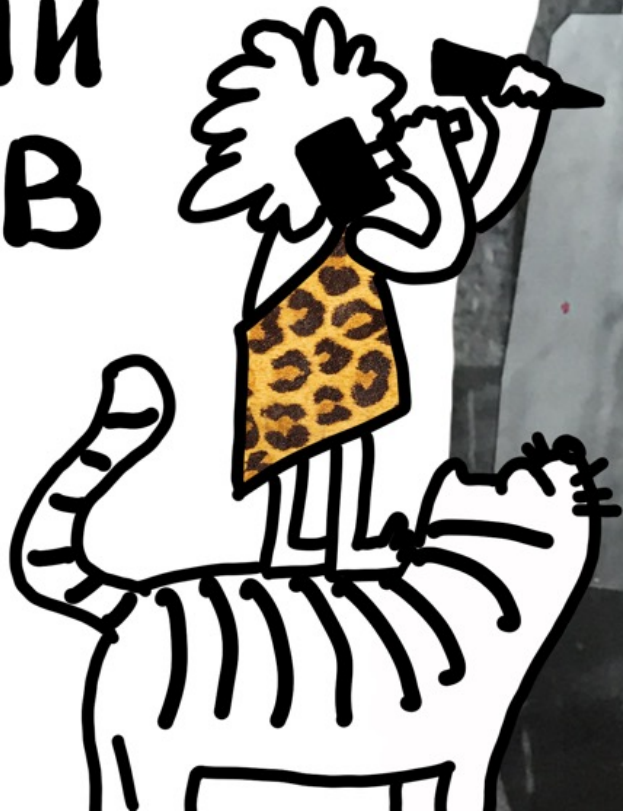
? ASK



1.

СТАТИЧЕС- КИЙ WEB

1



абстракция



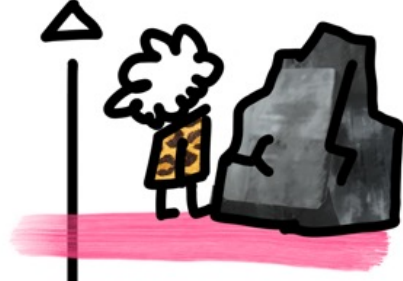
декларативность



уровневость



уровневость





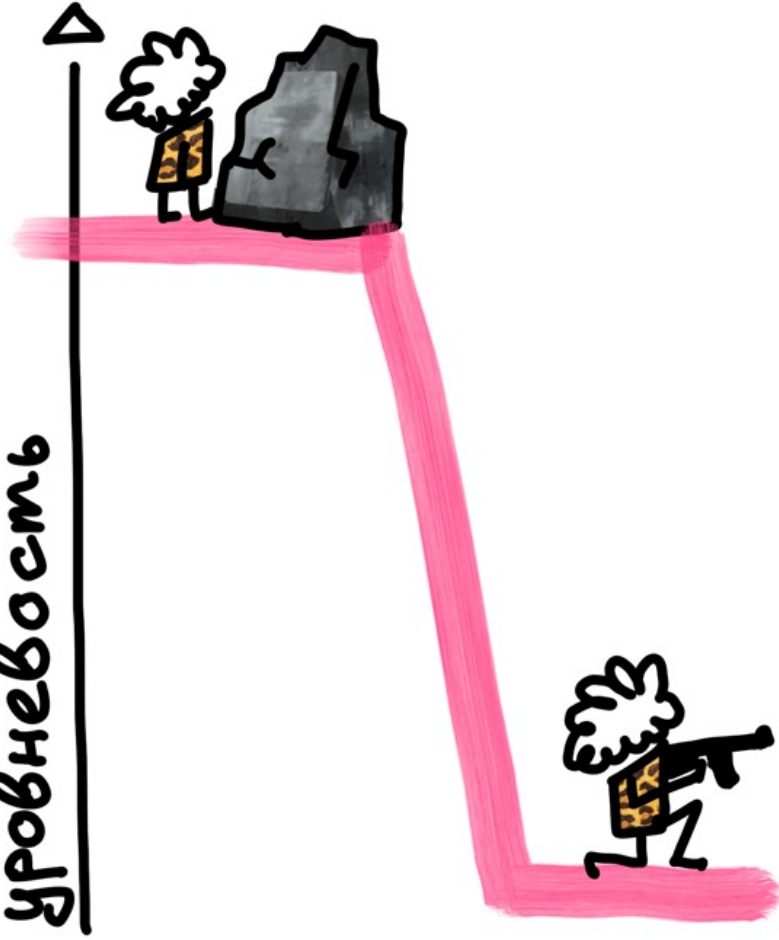
②

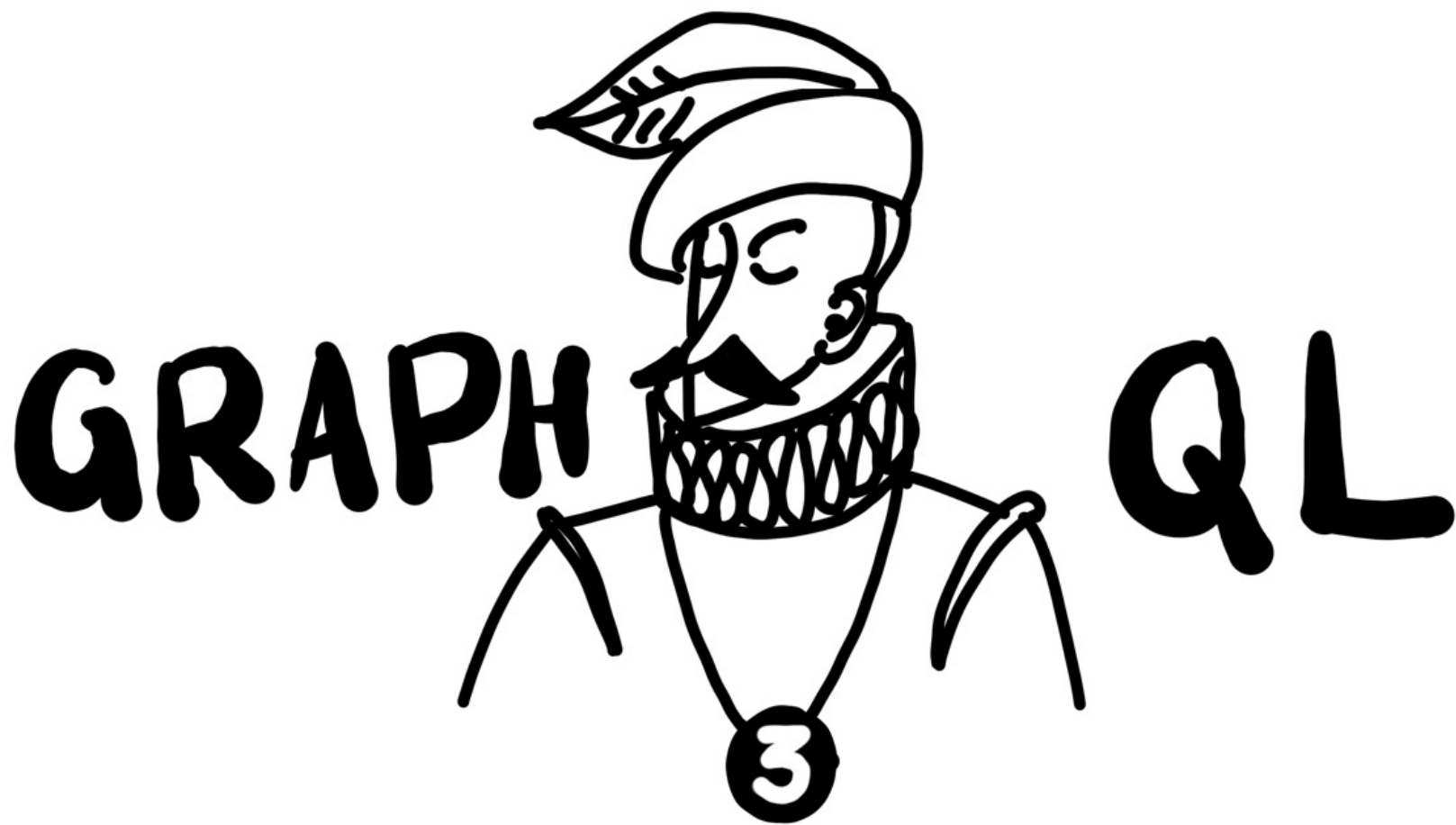
W REST



РУЧНОЕ УПРАВЛЕНИЕ

уровневость



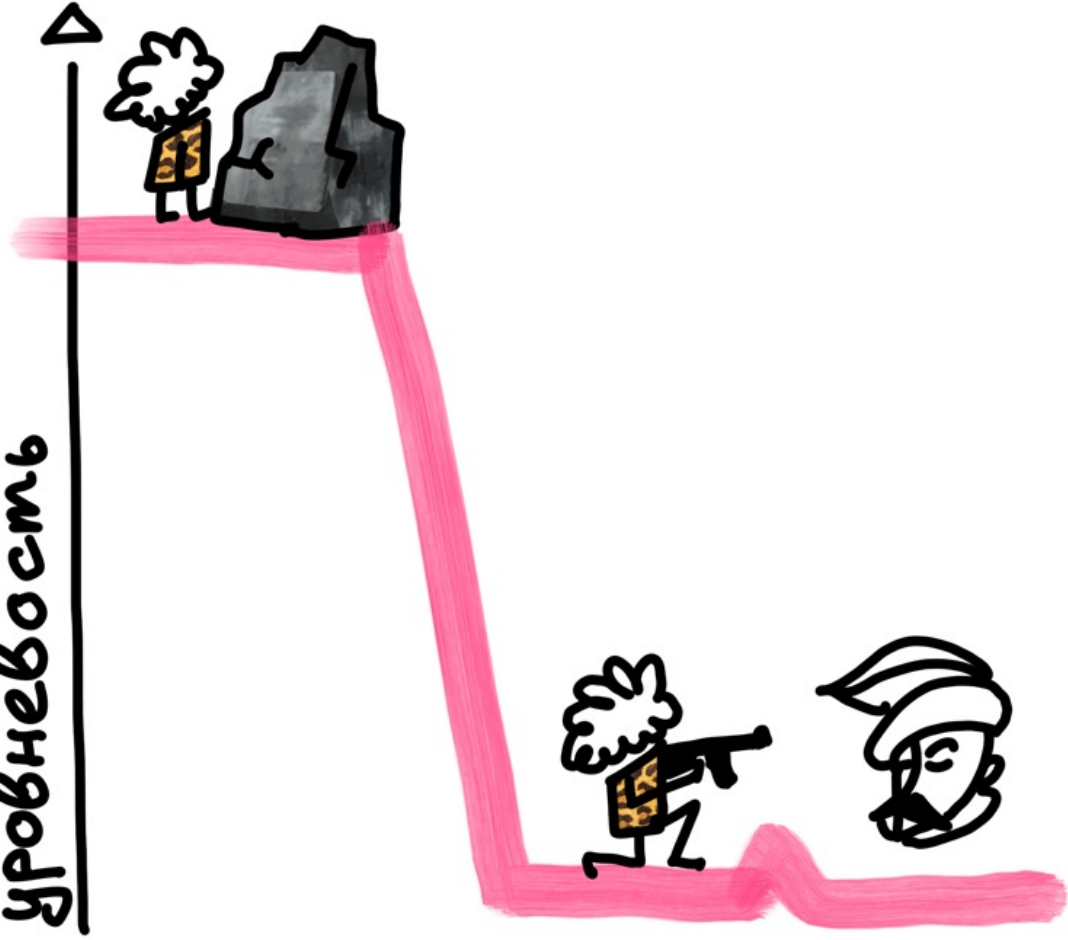


+ специ
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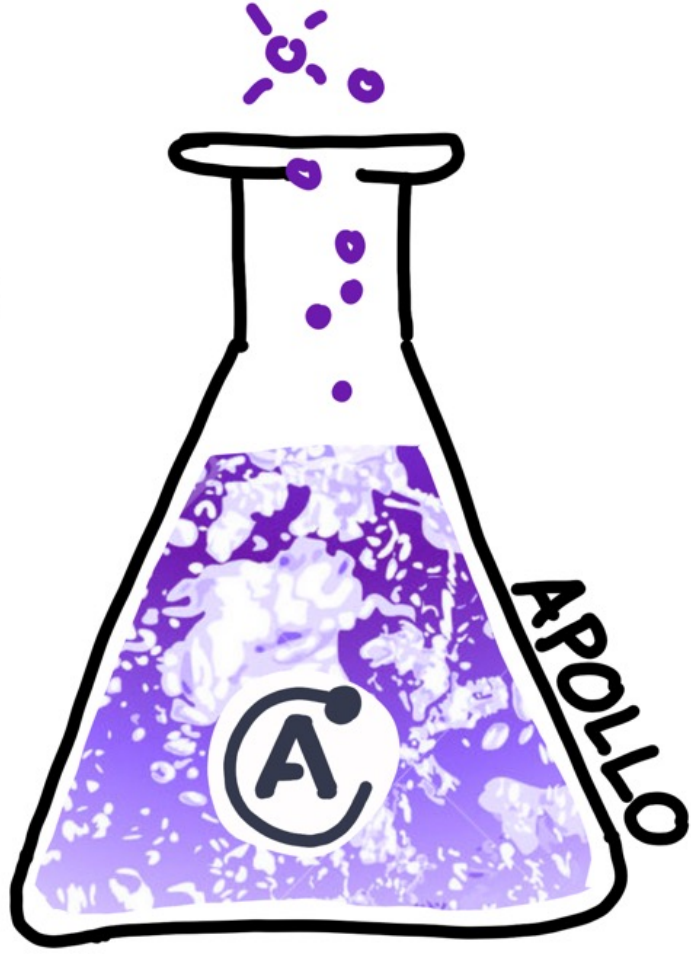
+ схе
ма

уровневость



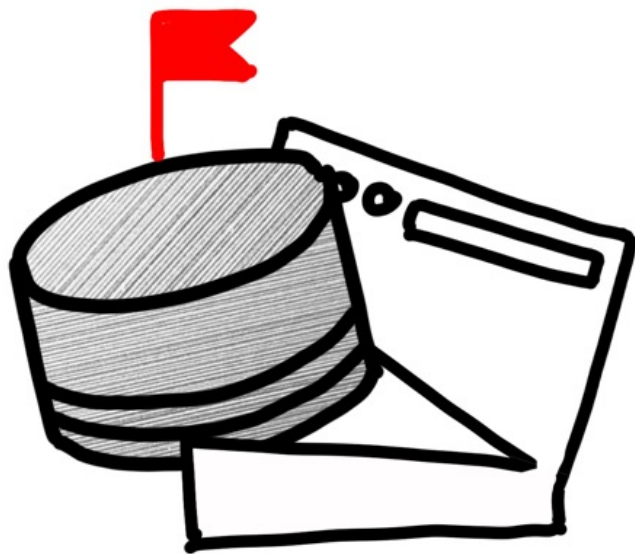
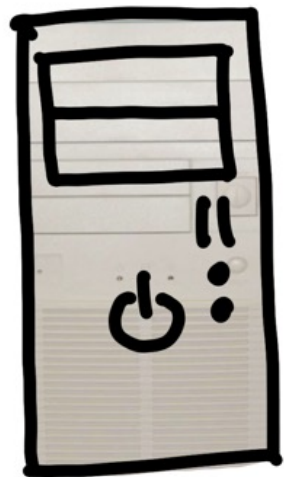


4

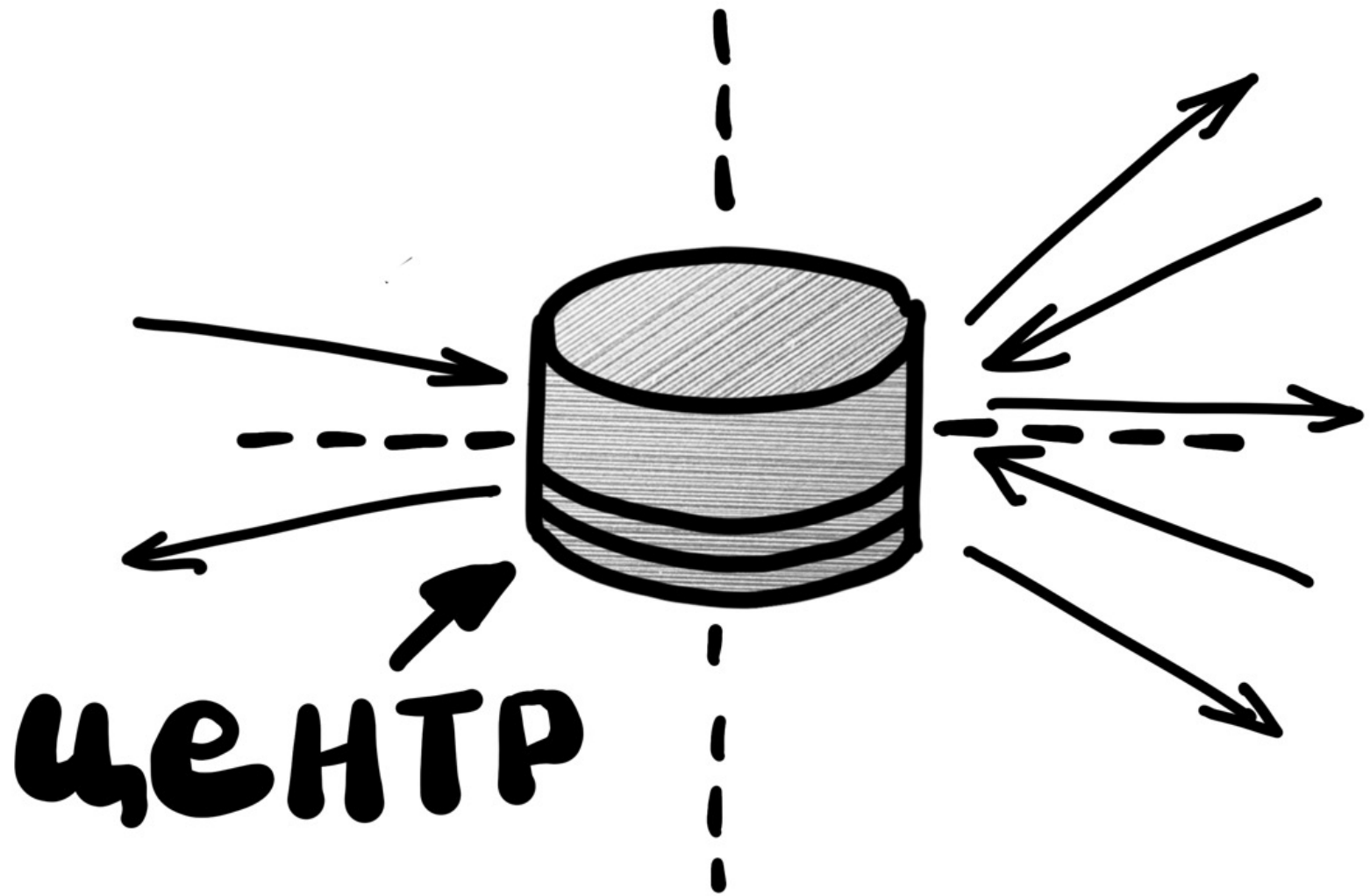




4
POUCH
DB



СТОРАДЖ





Запрос/ответ



ОПТИМИЗАЦИЯ
ЗАПРОСОВ



КАШИРОВАНИЕ
ОТВЕТОВ



ФОНОВАЯ
СИНХРОНИЗАЦИЯ

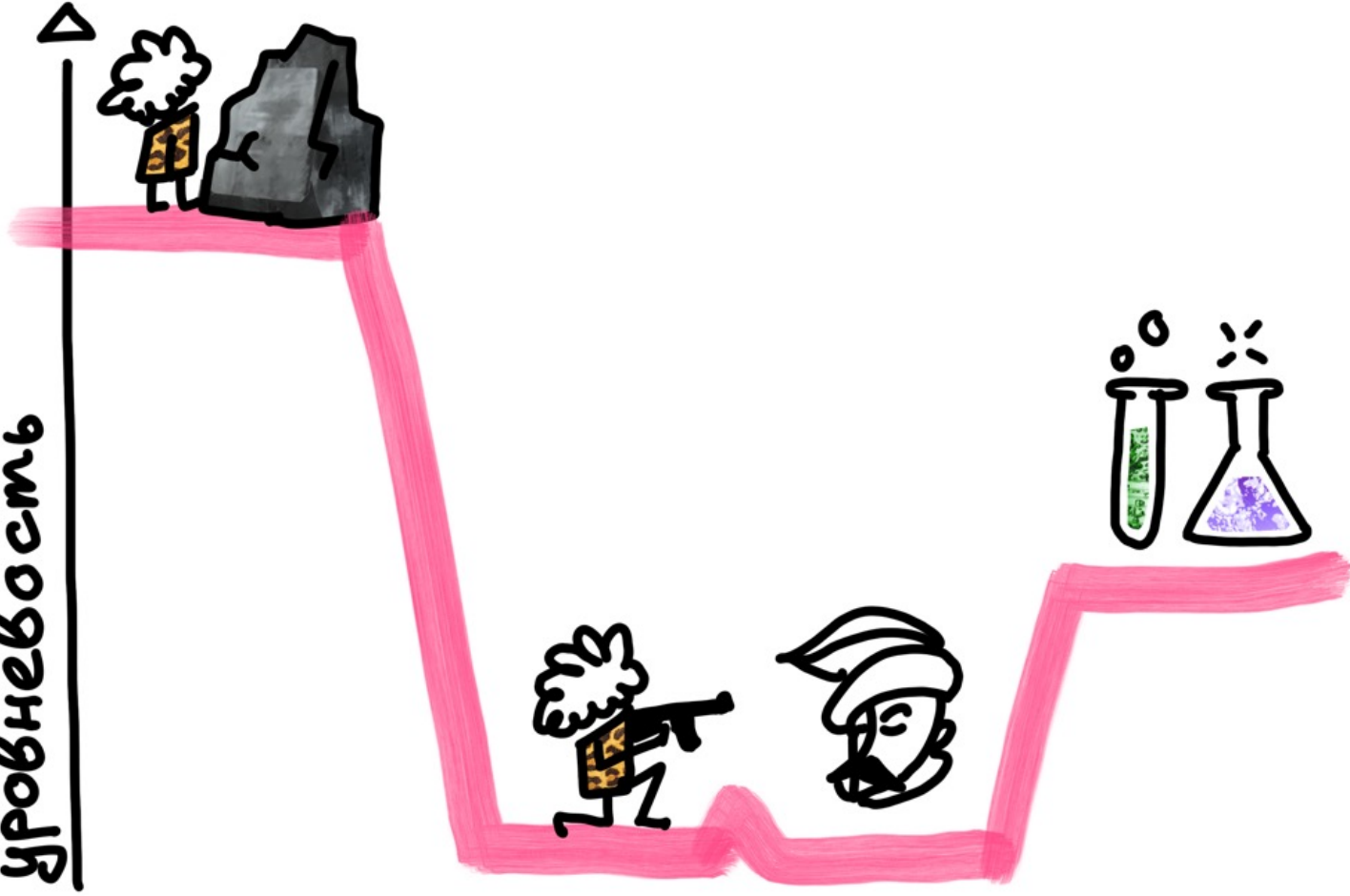


ОПТИМИСТИЧНЫЕ
АПДЕЙТЫ



ОФФЛАЙН
РЕЖИМ

уровневость



5

METEOR



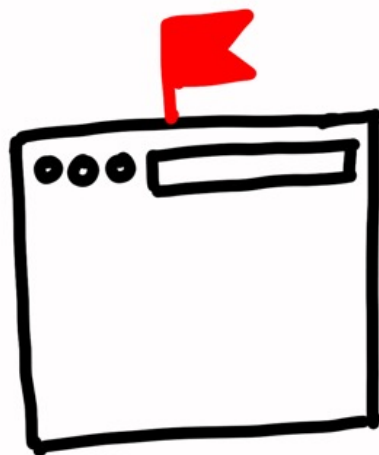
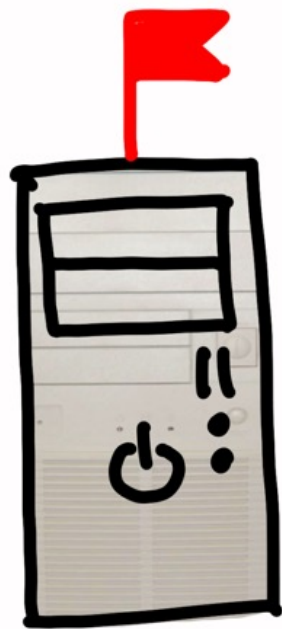
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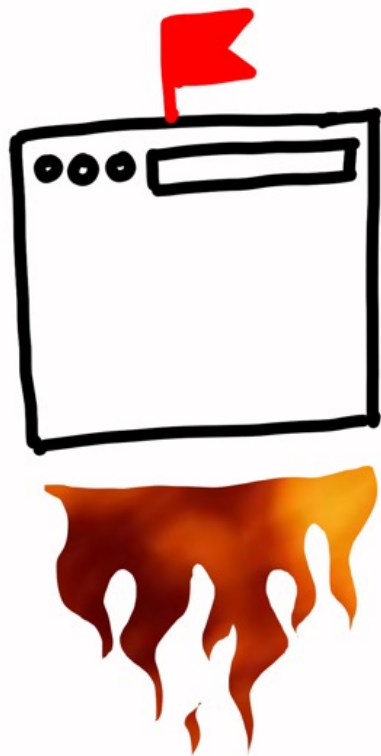
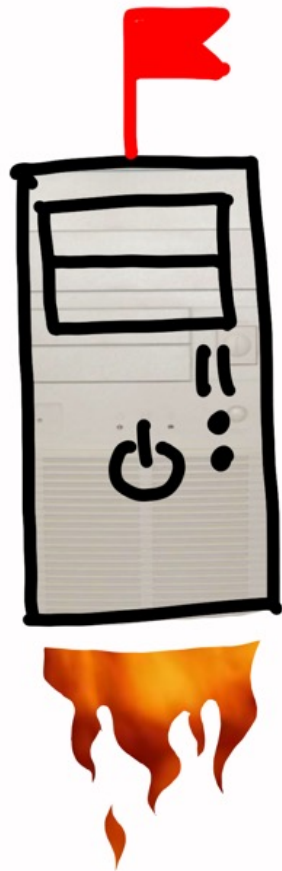
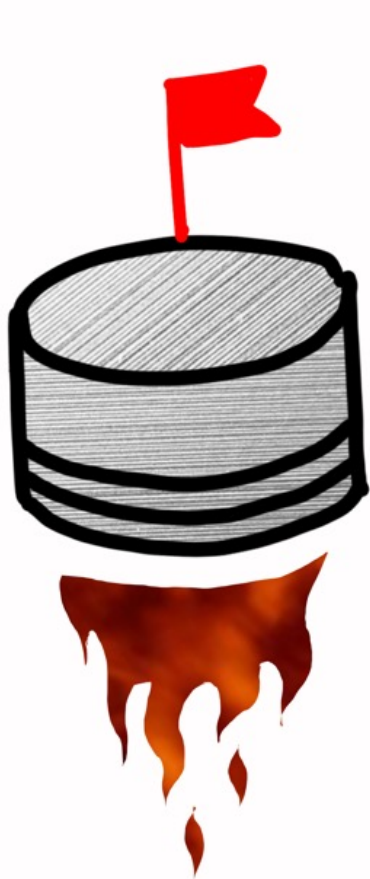
FIRE  BASE

5



RETHINK DB
+ HORIZON







РЕАКТИВНЫЕ
ПОДПИСКИ



ОПТИМИЗАЦИЯ
ЗАПРОСОВ



КЭШИРОВАНИЕ
ОТВЕТОВ



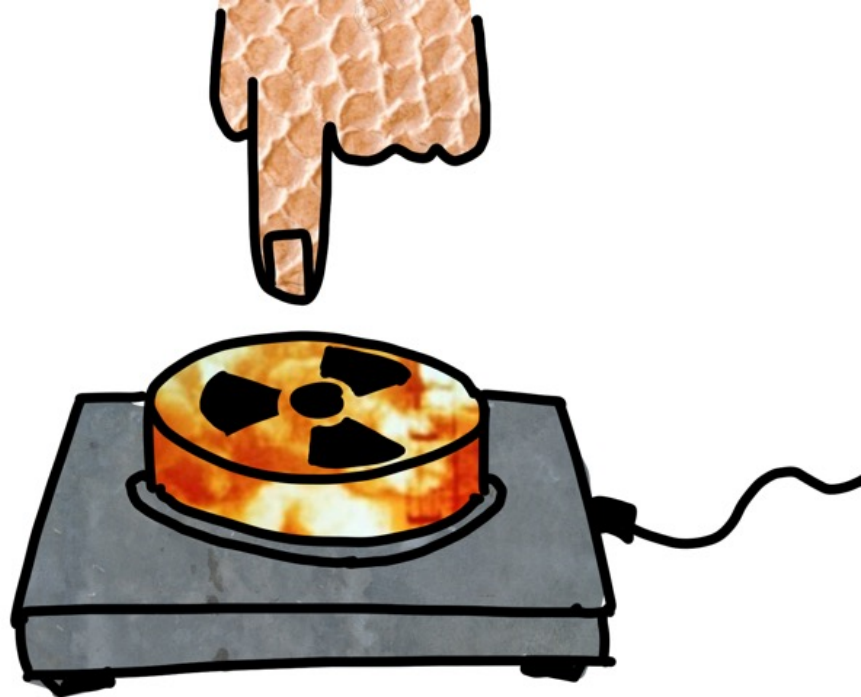
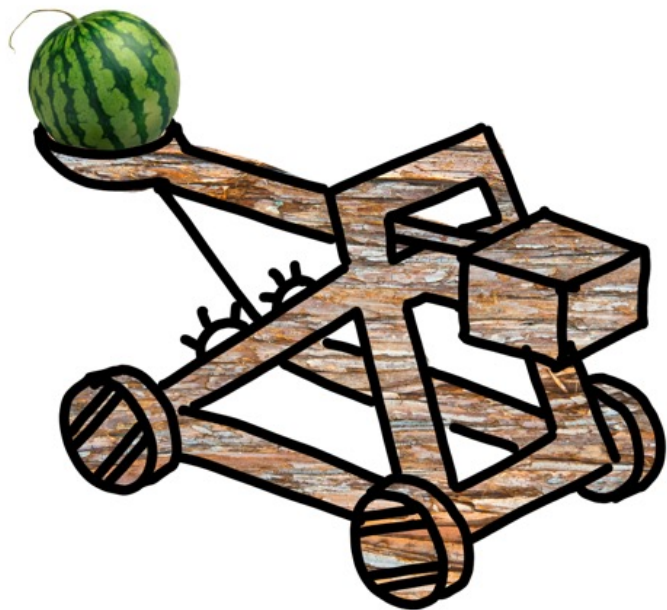
ФОНОВАЯ
СИНХРОНИЗАЦИЯ



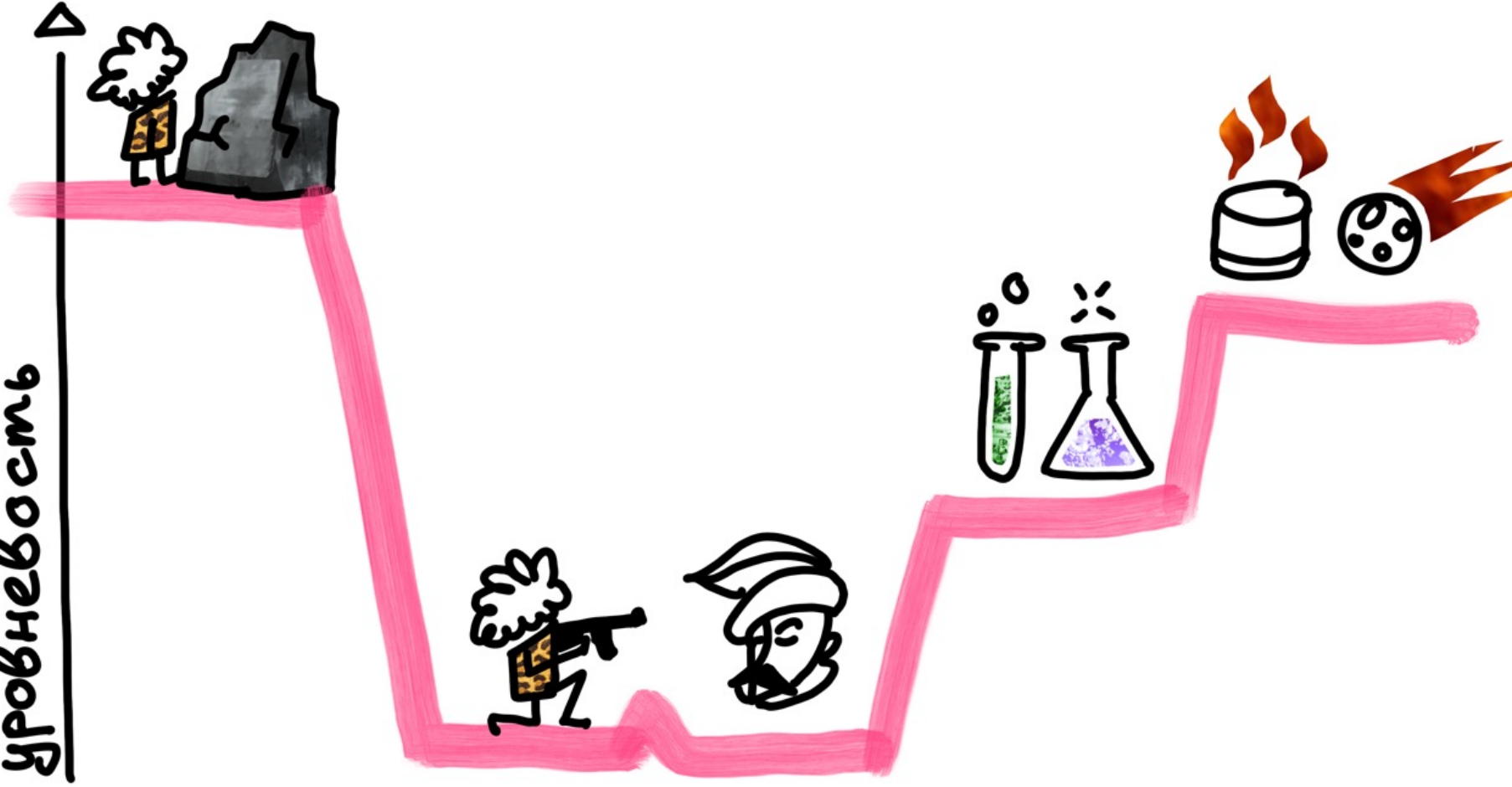
ОПТИМИСТИЧНЫЕ
АПДЕЙТЫ

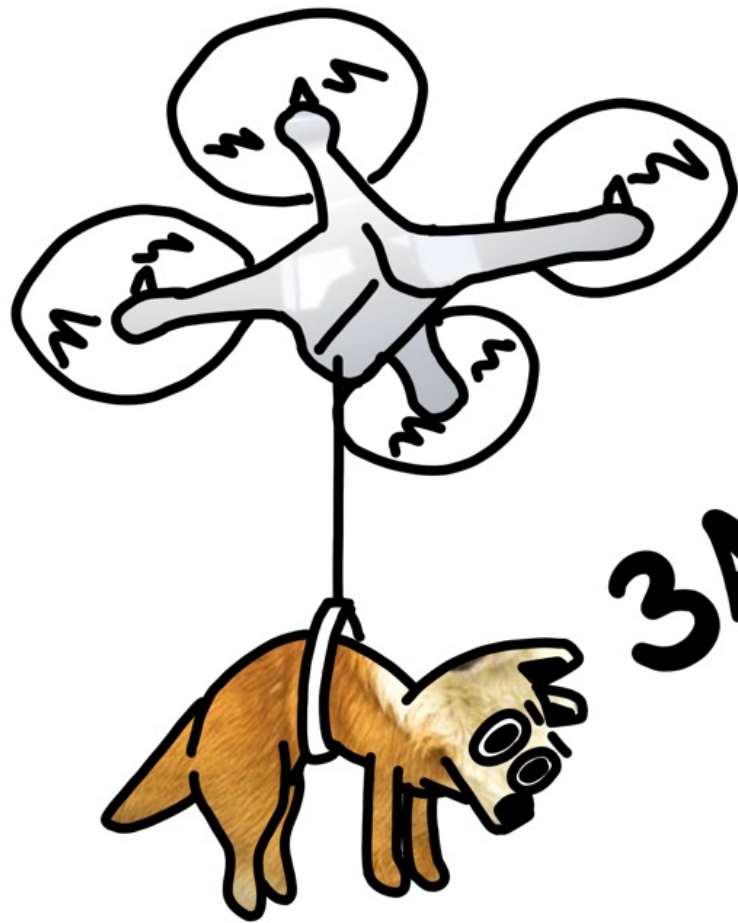


ОФФЛАЙН
РЕЖИМ



уровневость



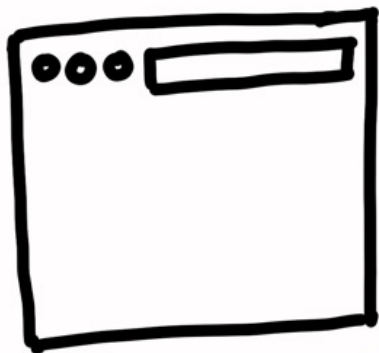


ЗАЧЕМ???

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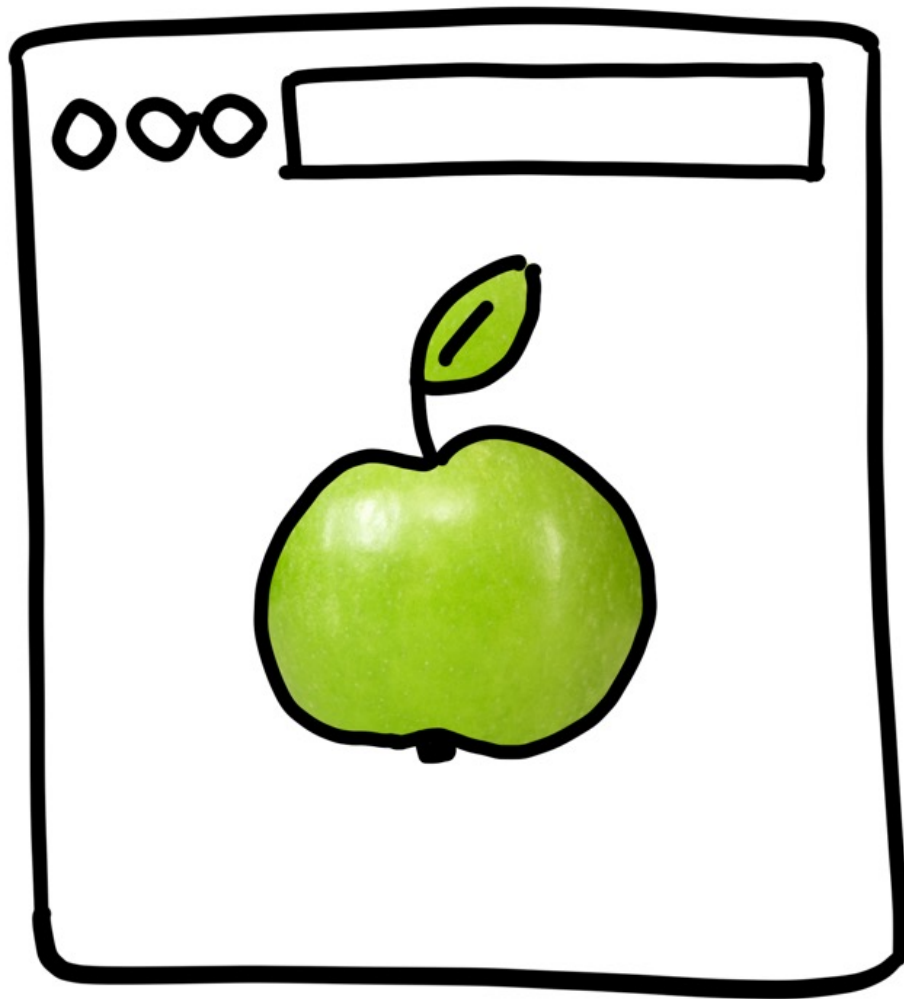


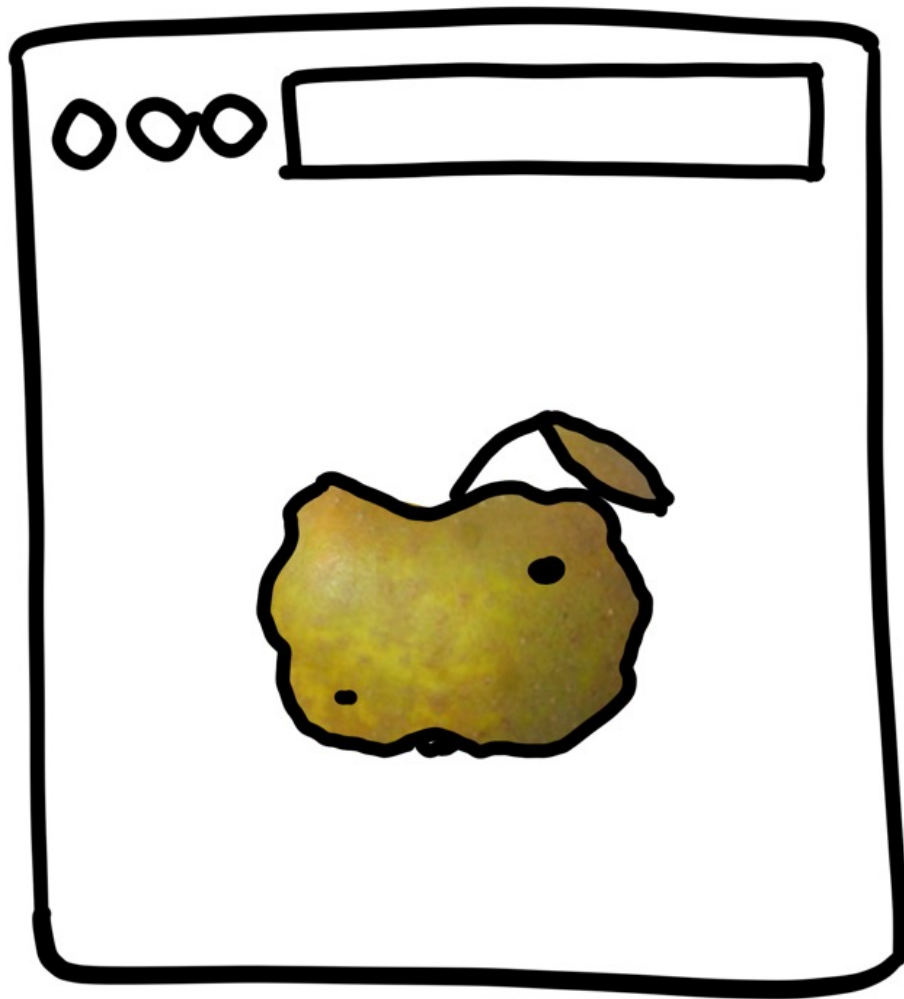
НОВАЯ

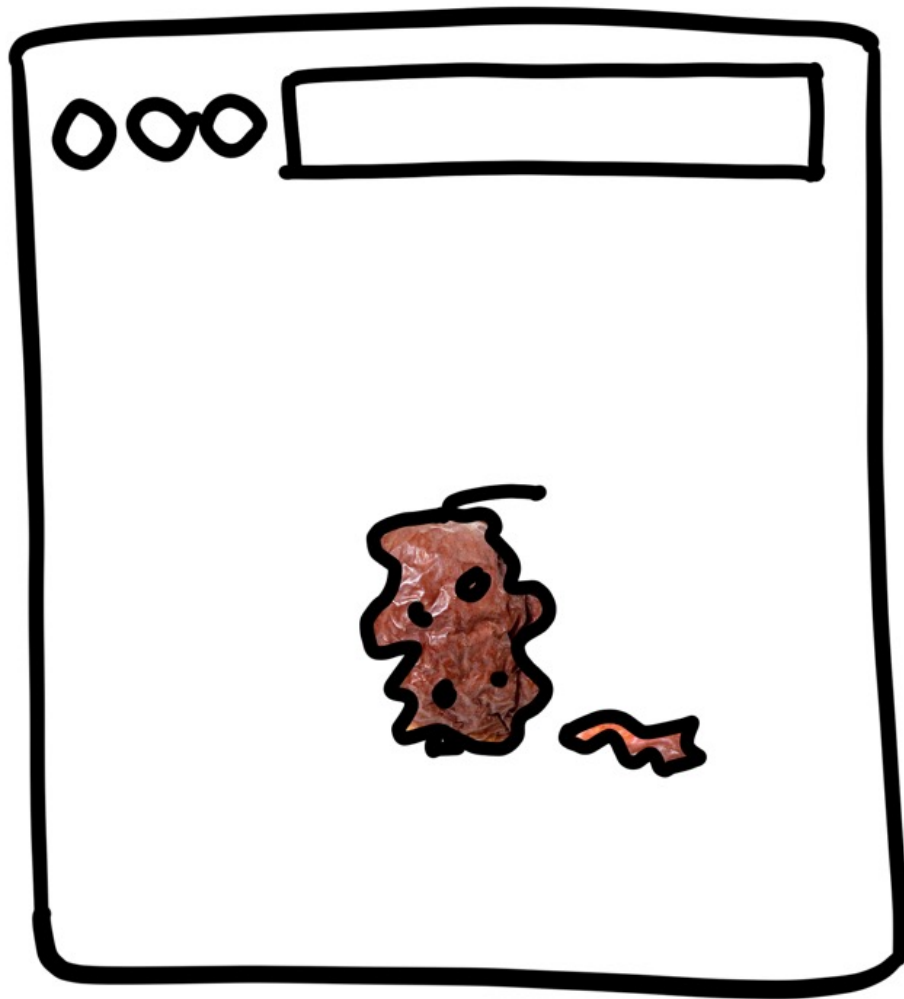


НОРМА



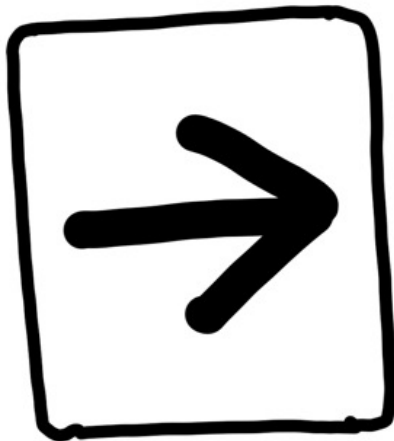






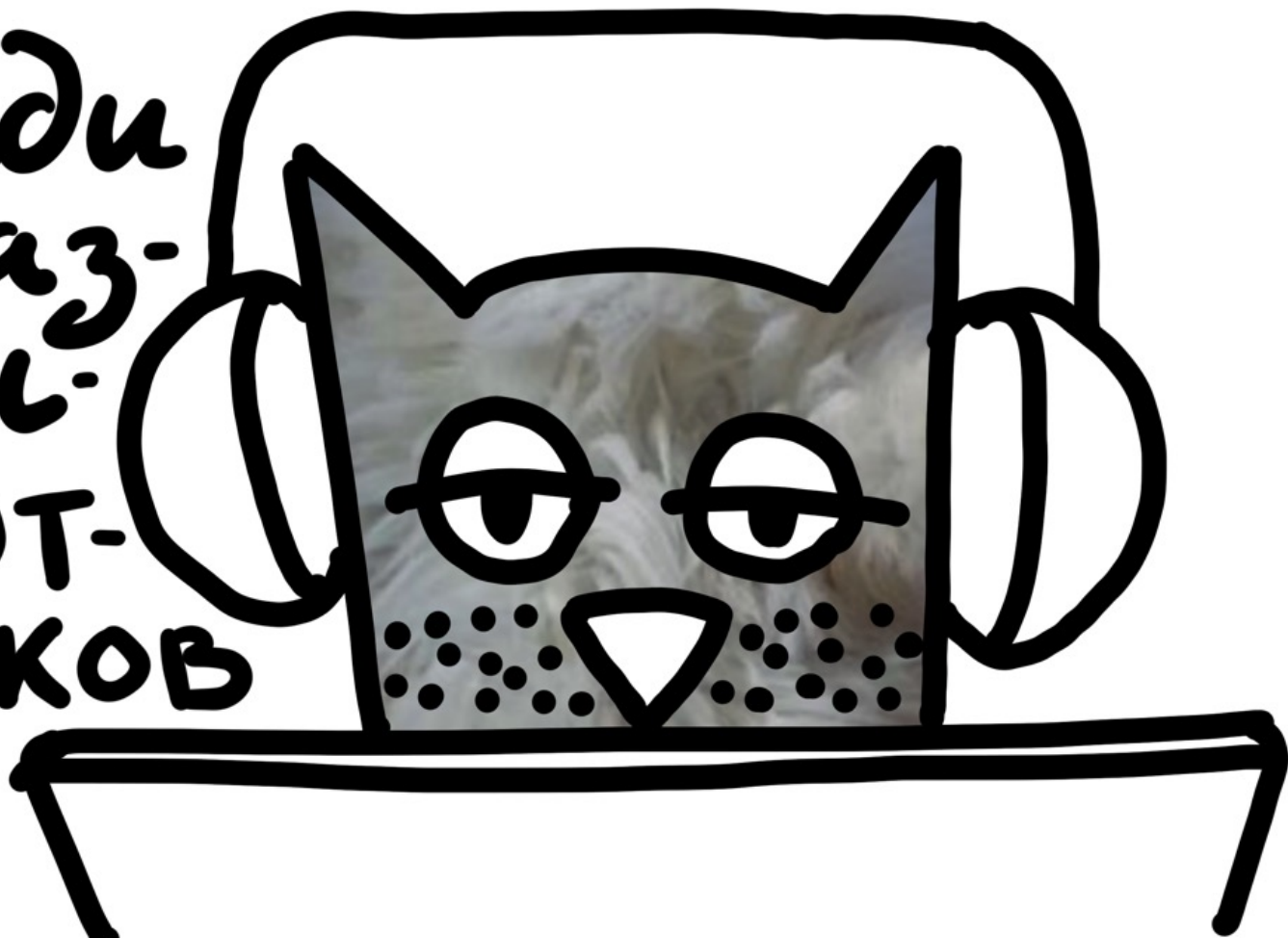


ACCESS DE...

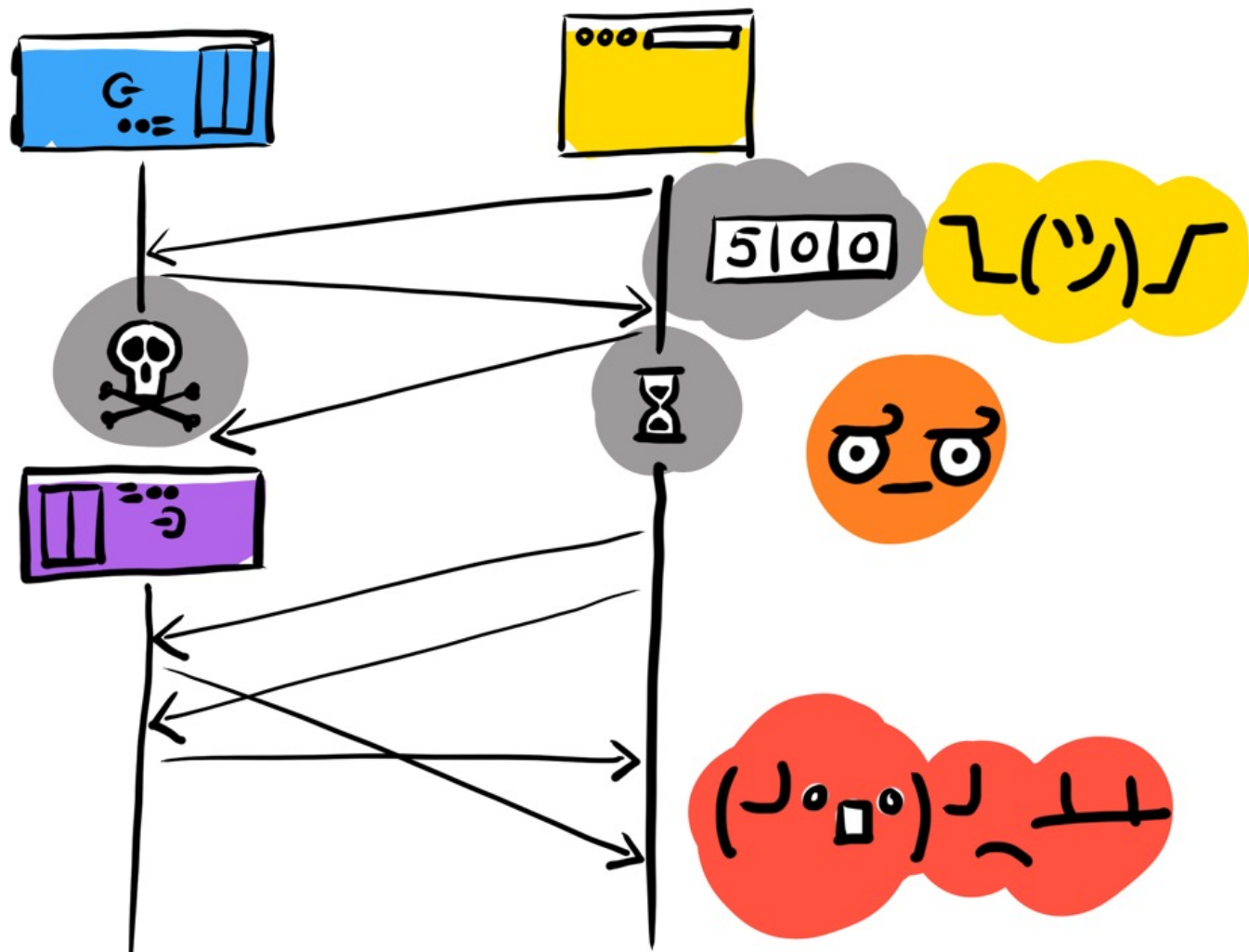


ht

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2.





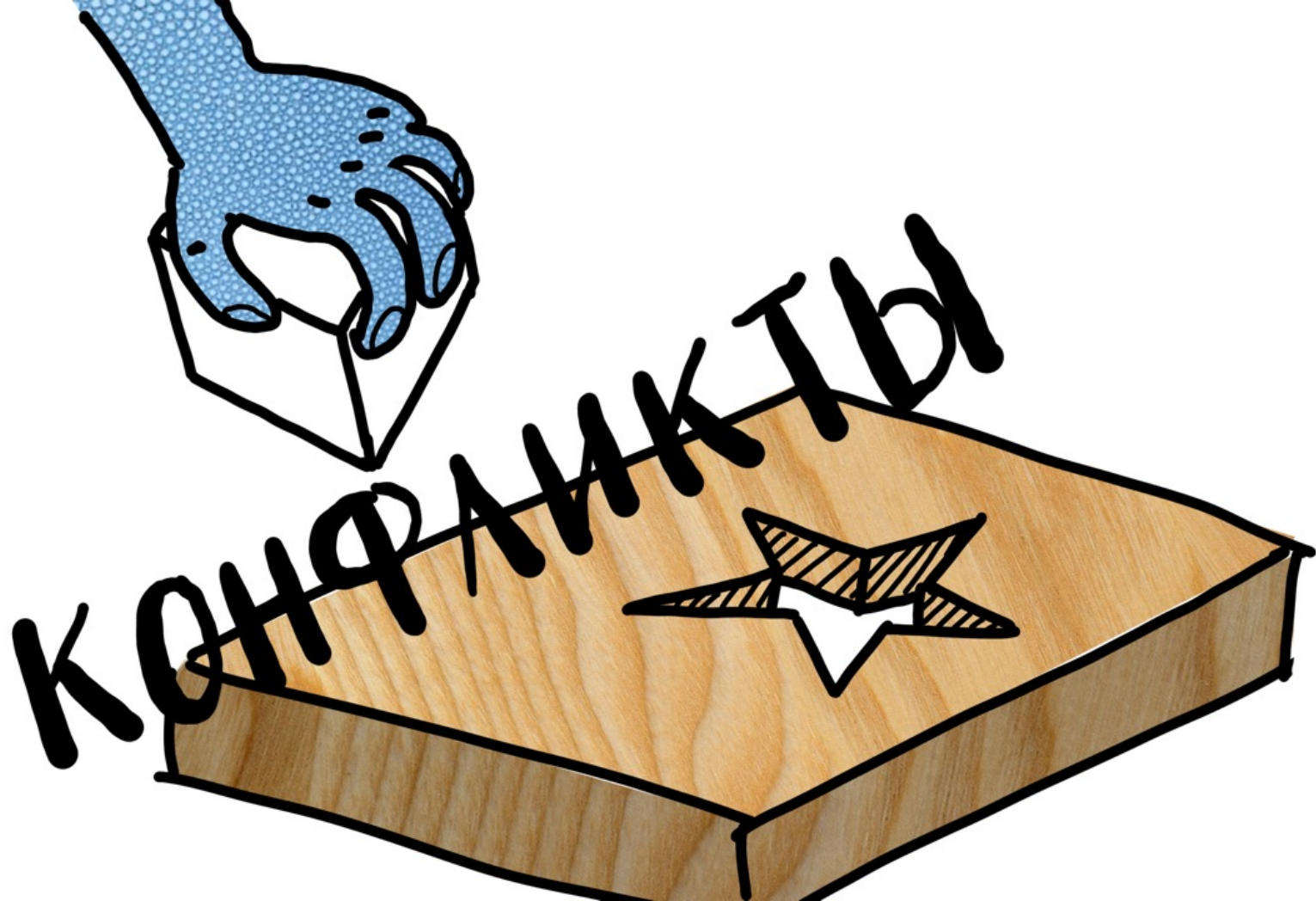
Выразительность

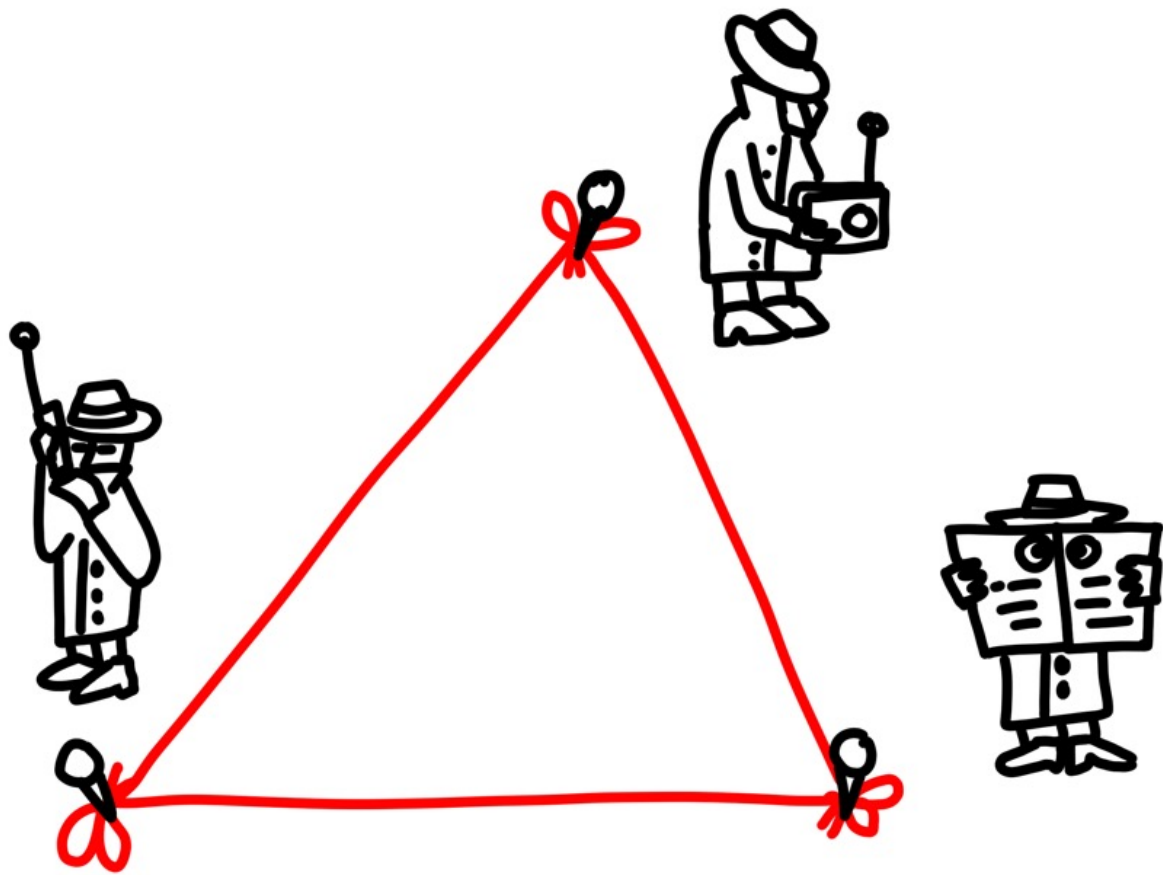


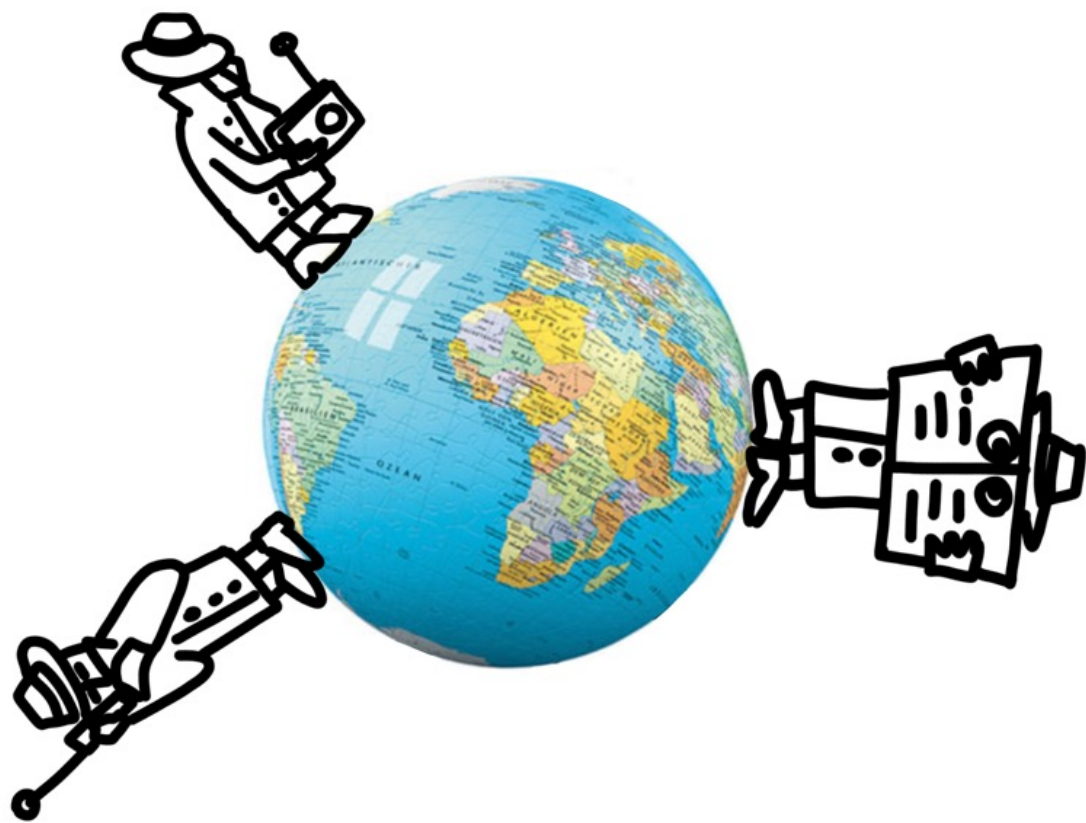
ПРОБЛЕМЫ С ПРОИЗВОДИТЕЛЬНОСТЬЮ

Lock-in







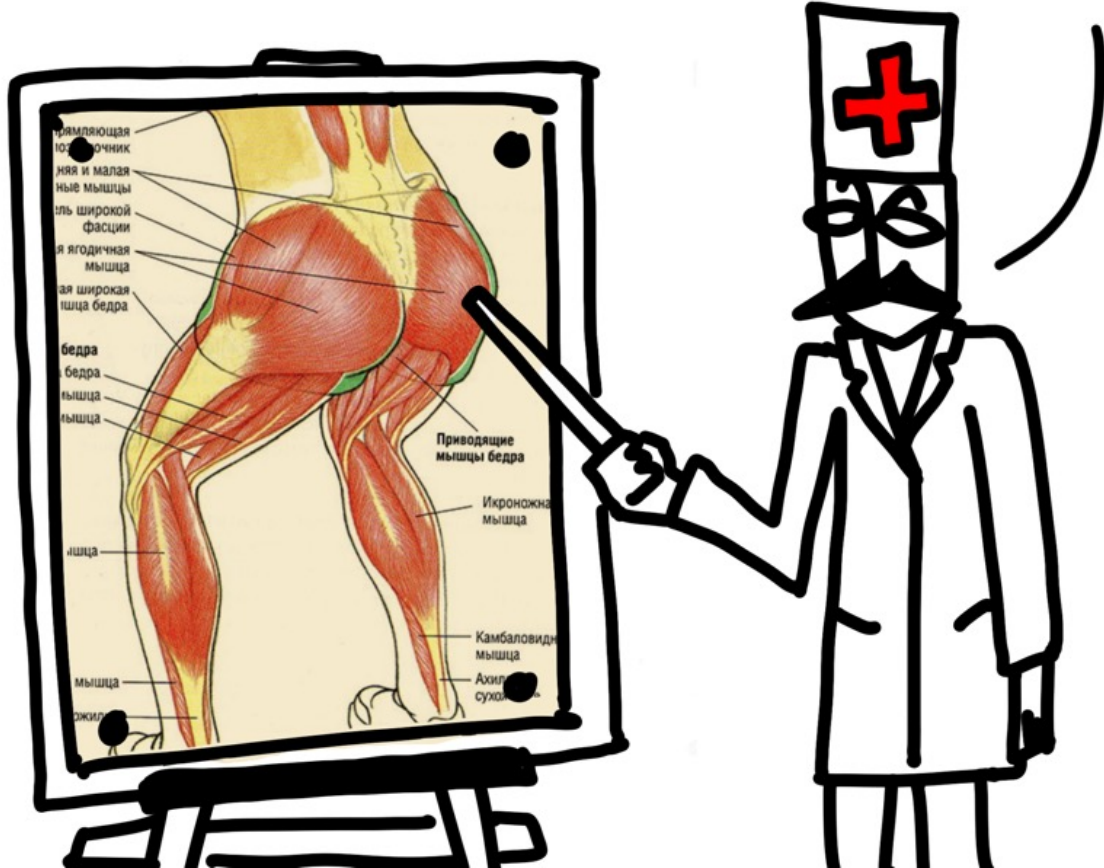


Имя:

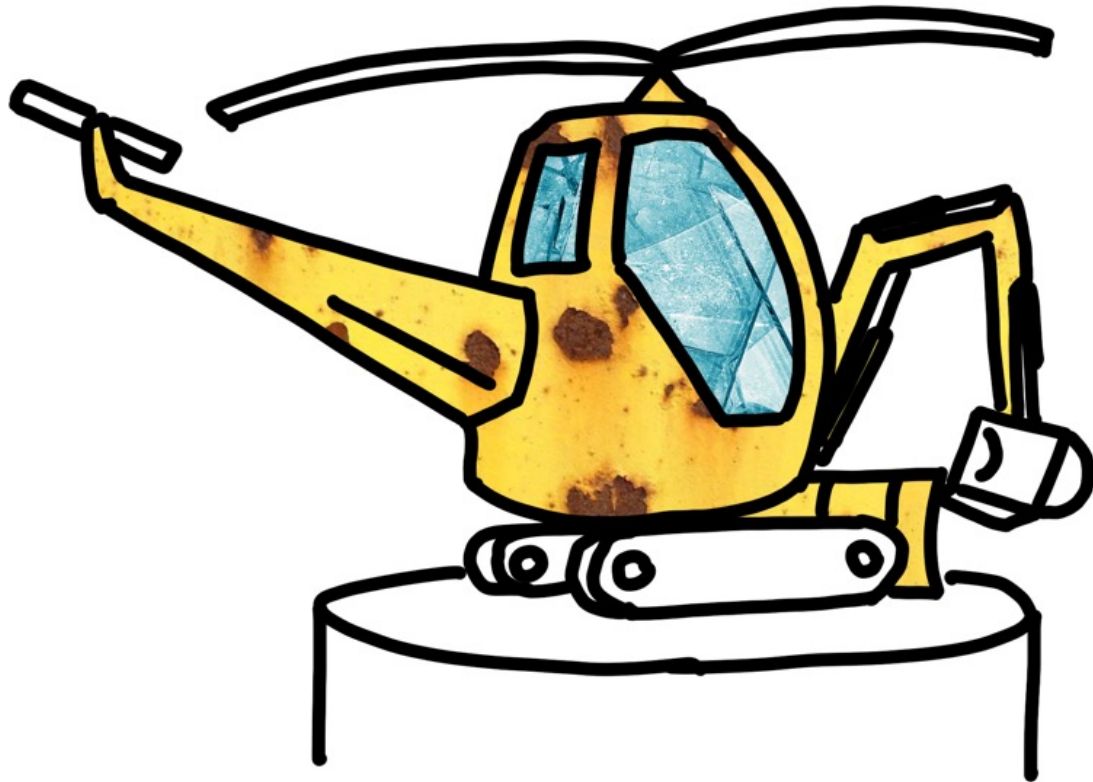
ПЕТЯ!

ИМЯ НЕ МОЖЕТ БЫТЬ "ПЕТЯ"

SORRY. YOU HAVE A CONFLICT



НЕ ТЕХНИЧЕСКАЯ ПРОБЛЕМА

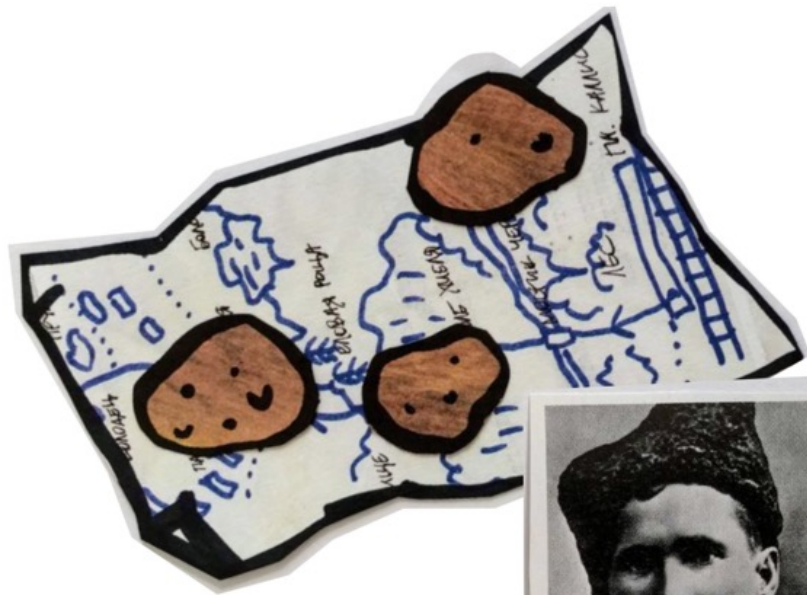


ТВОЯ



**ПРОБ
ЛЕМА**

НУЖНА
СТРАТЕ
-ГИЯ



ИГНОРИРОВА
ТОЖЕ
СТРАТЕГИЯ НЕ







КОЛЯ

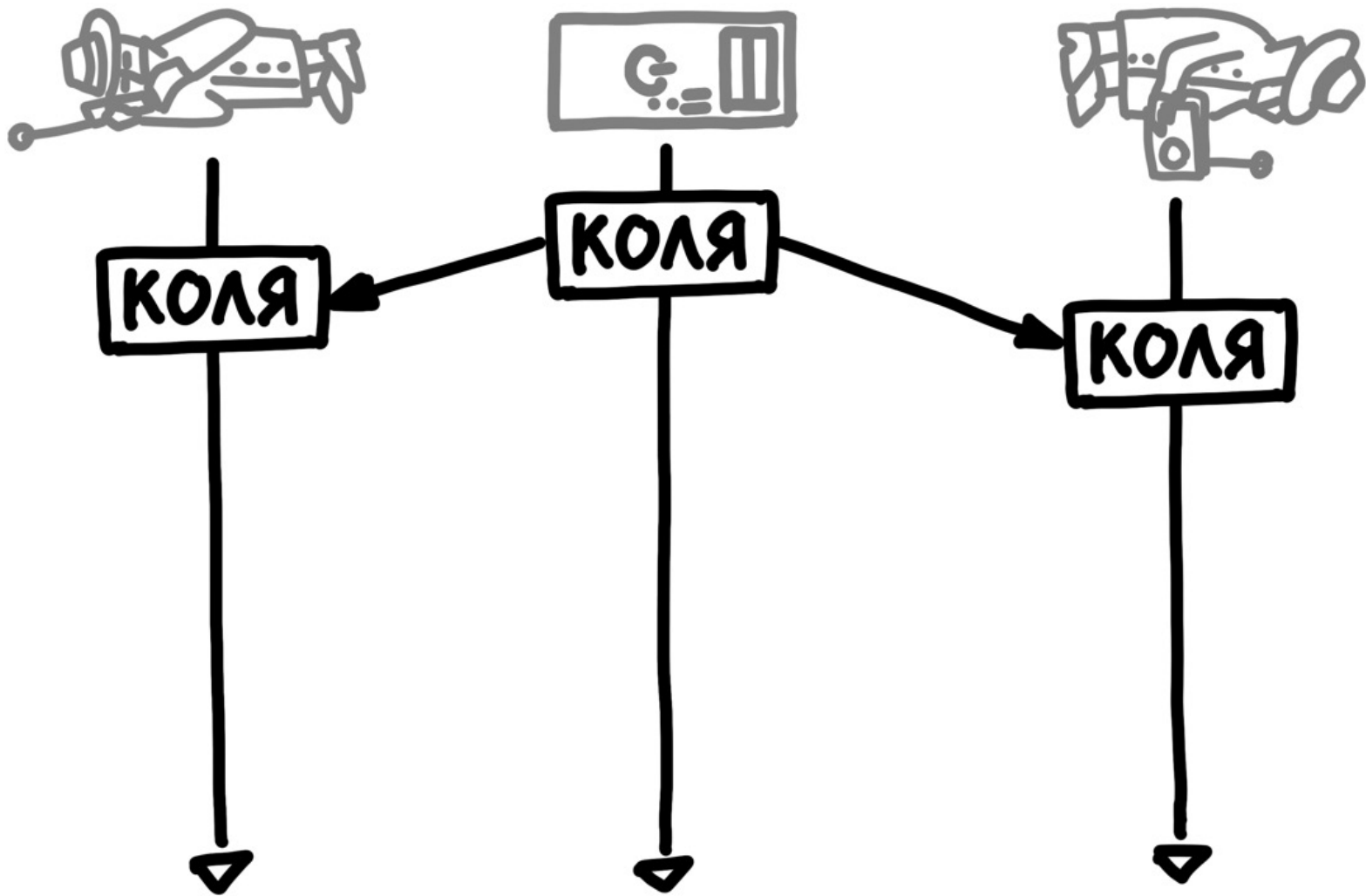


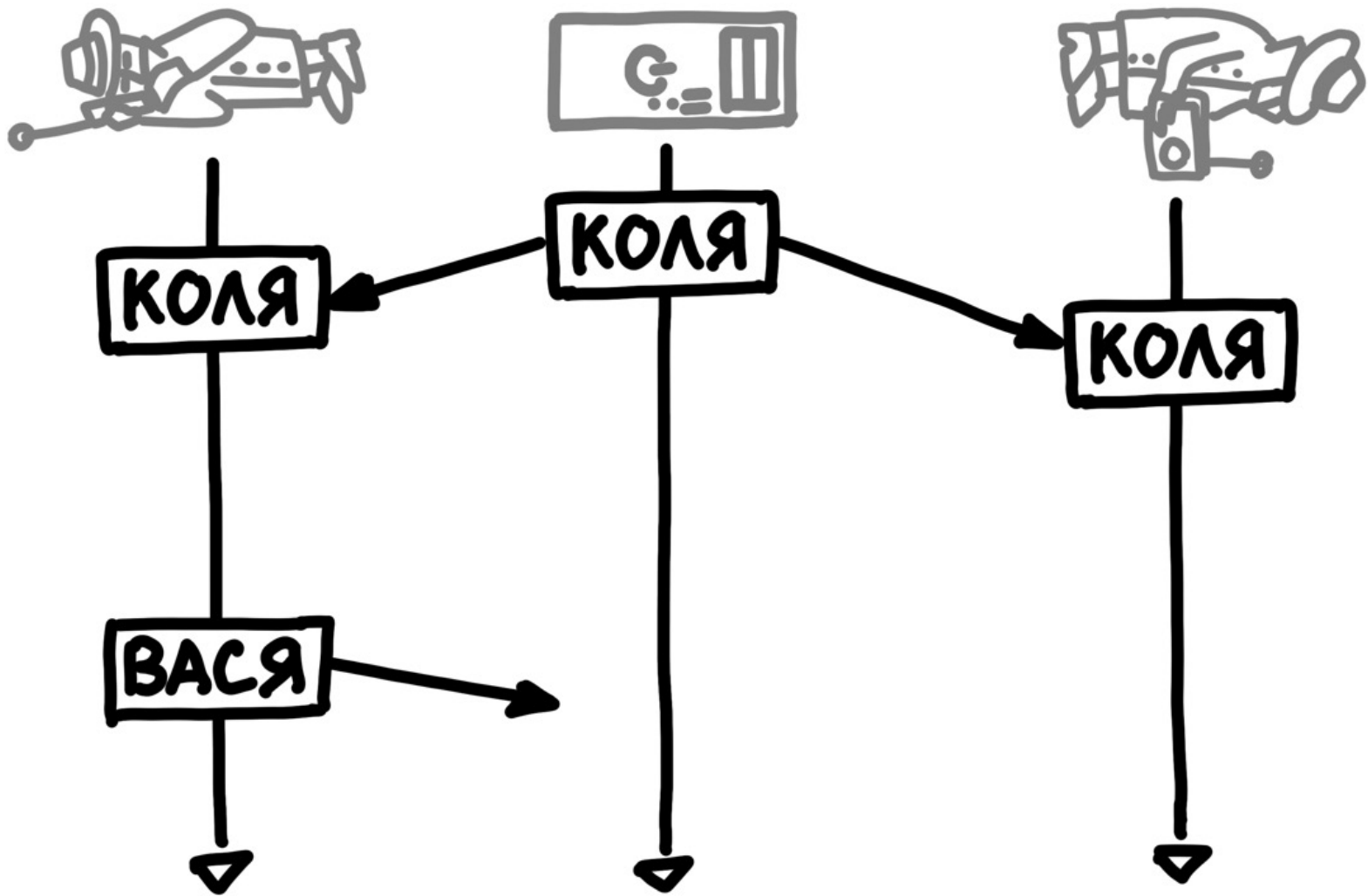


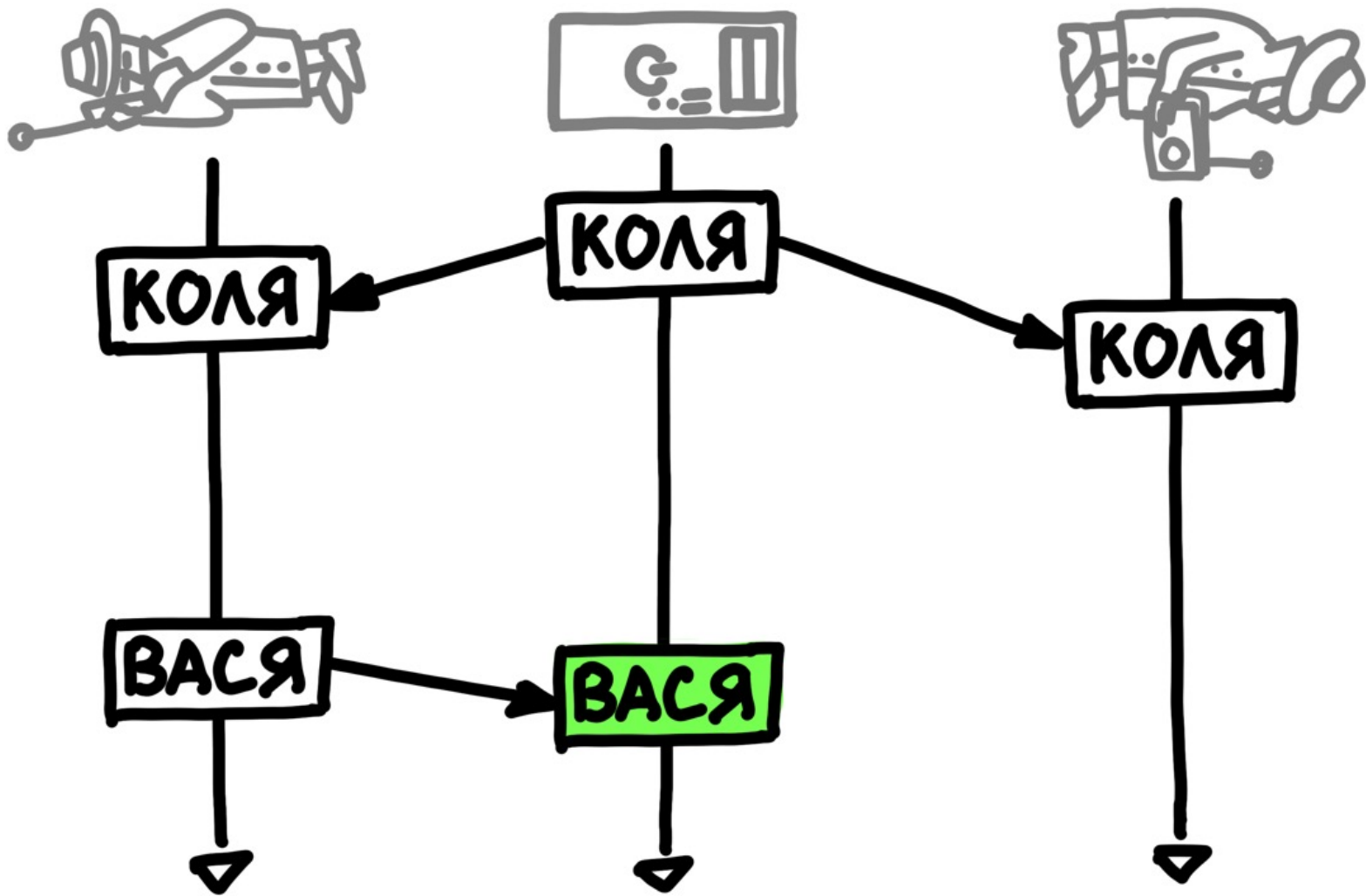
КОЛЯ

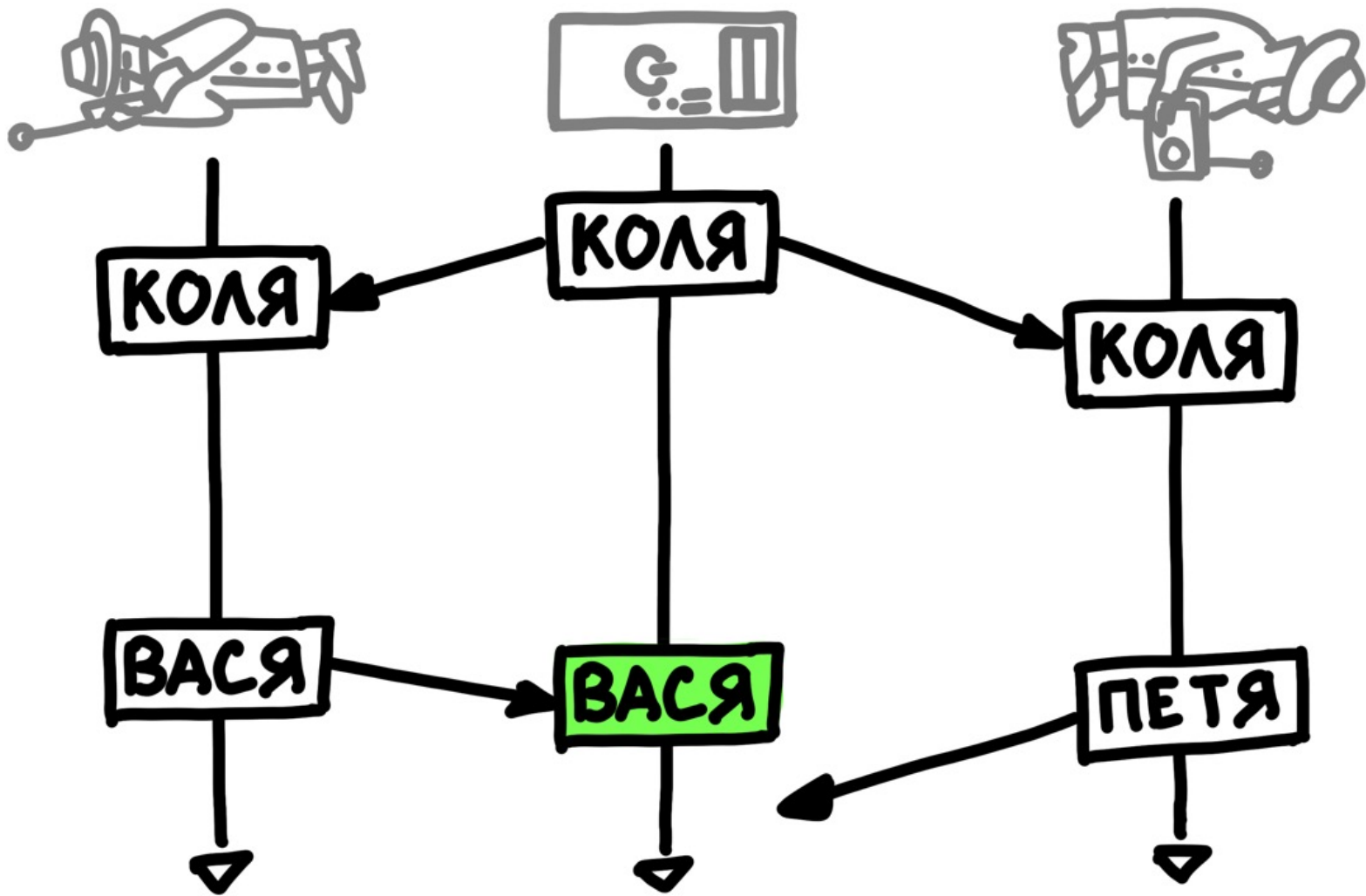
КОЛЯ

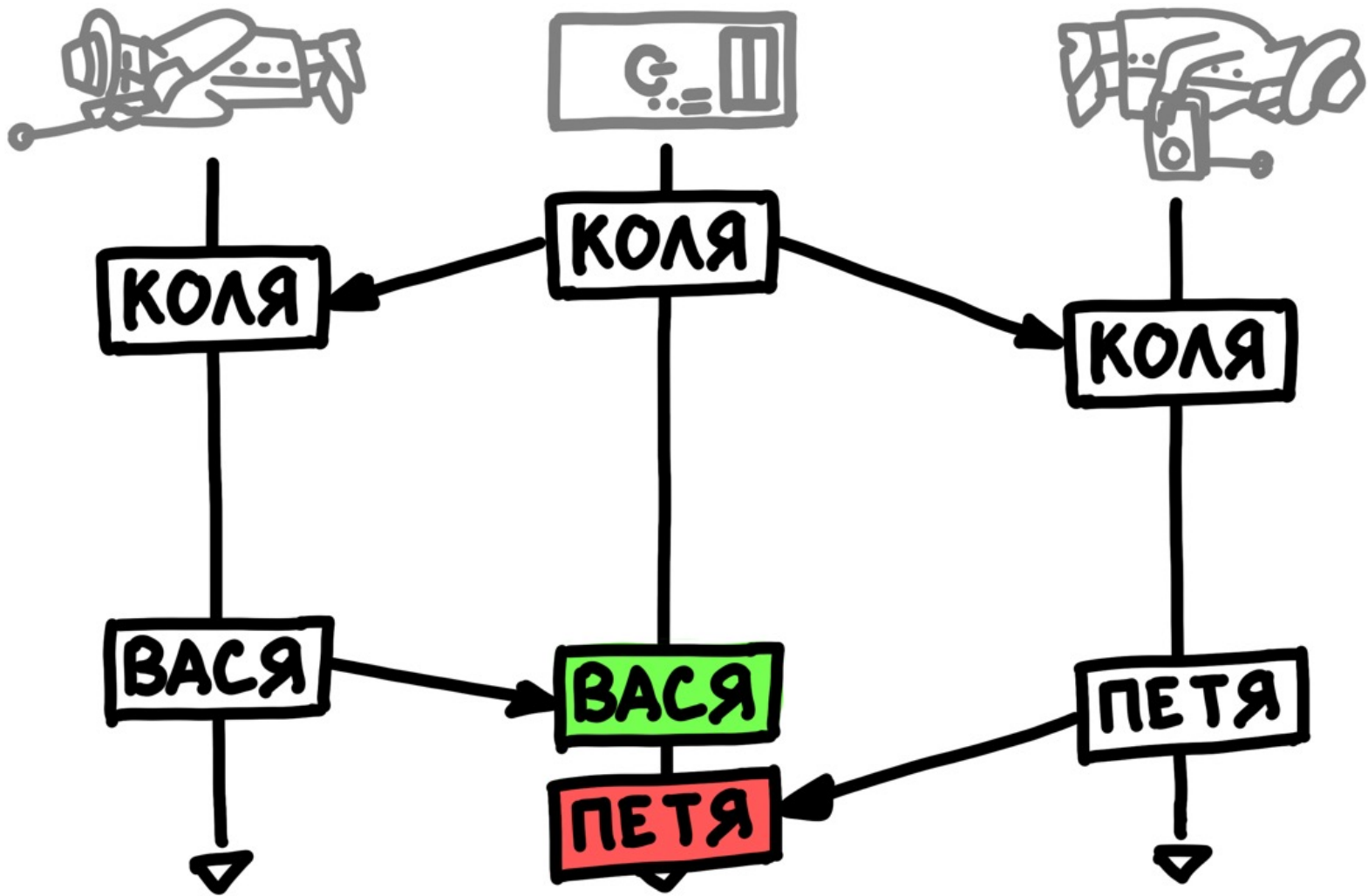


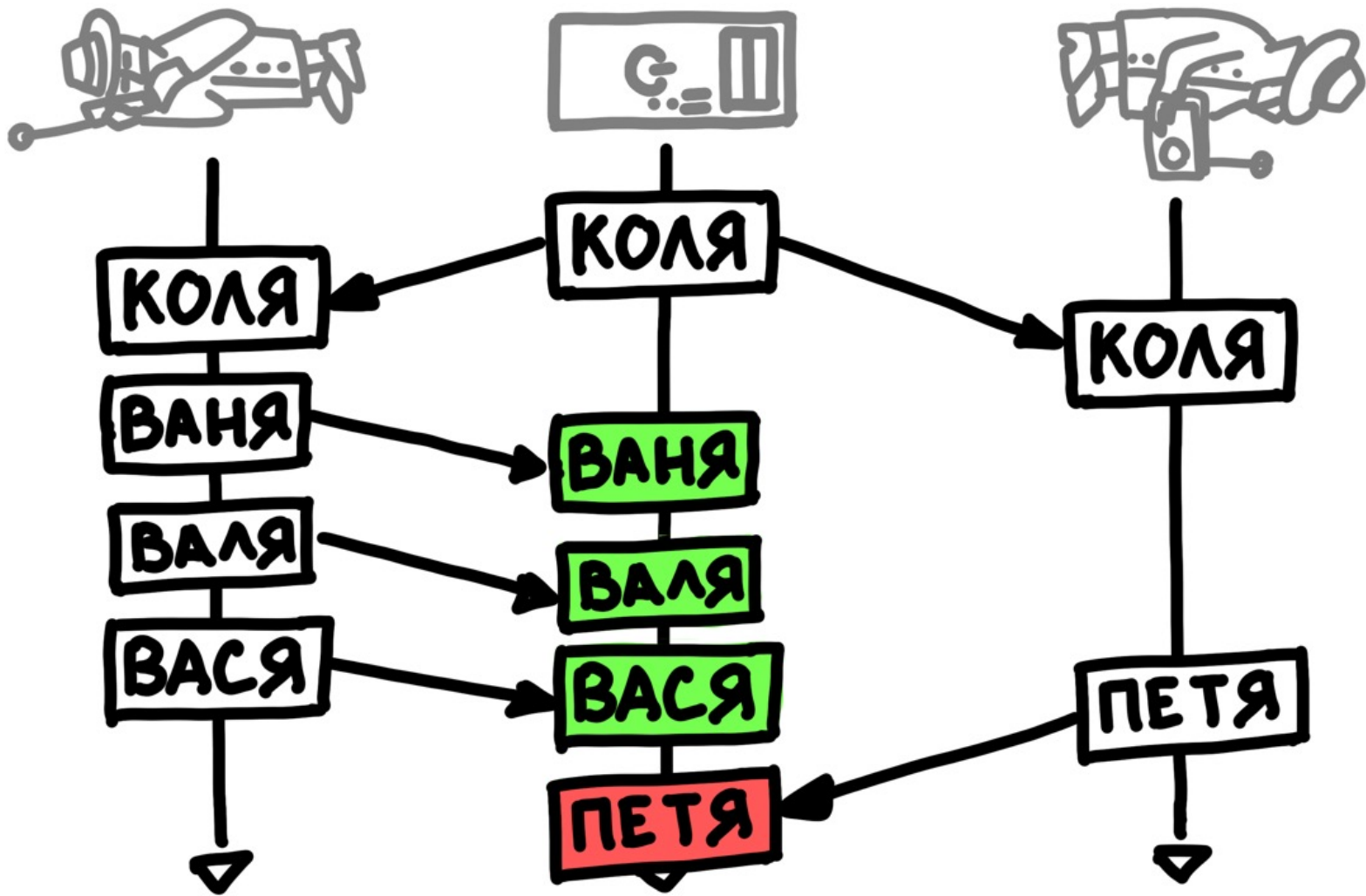


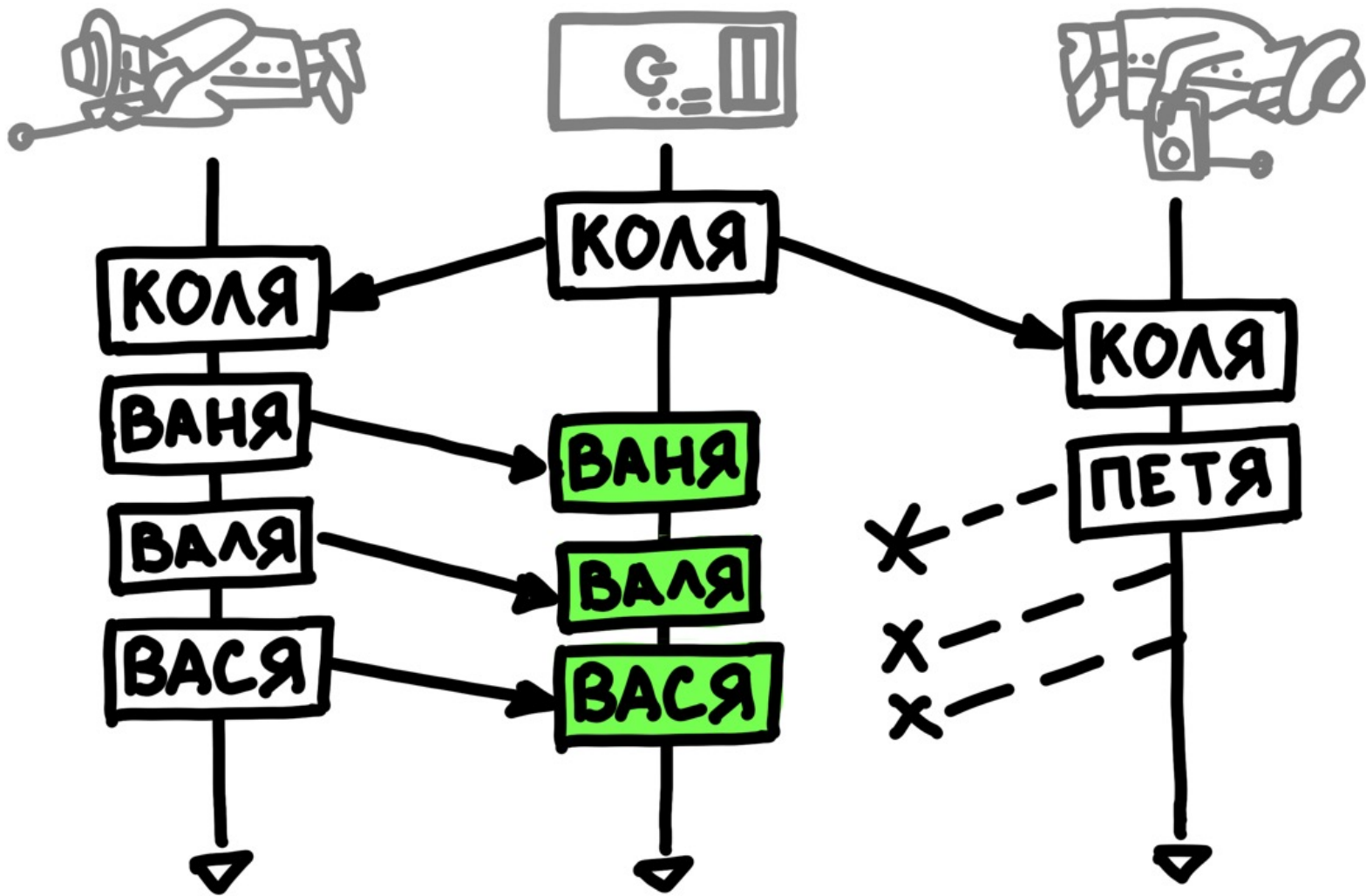


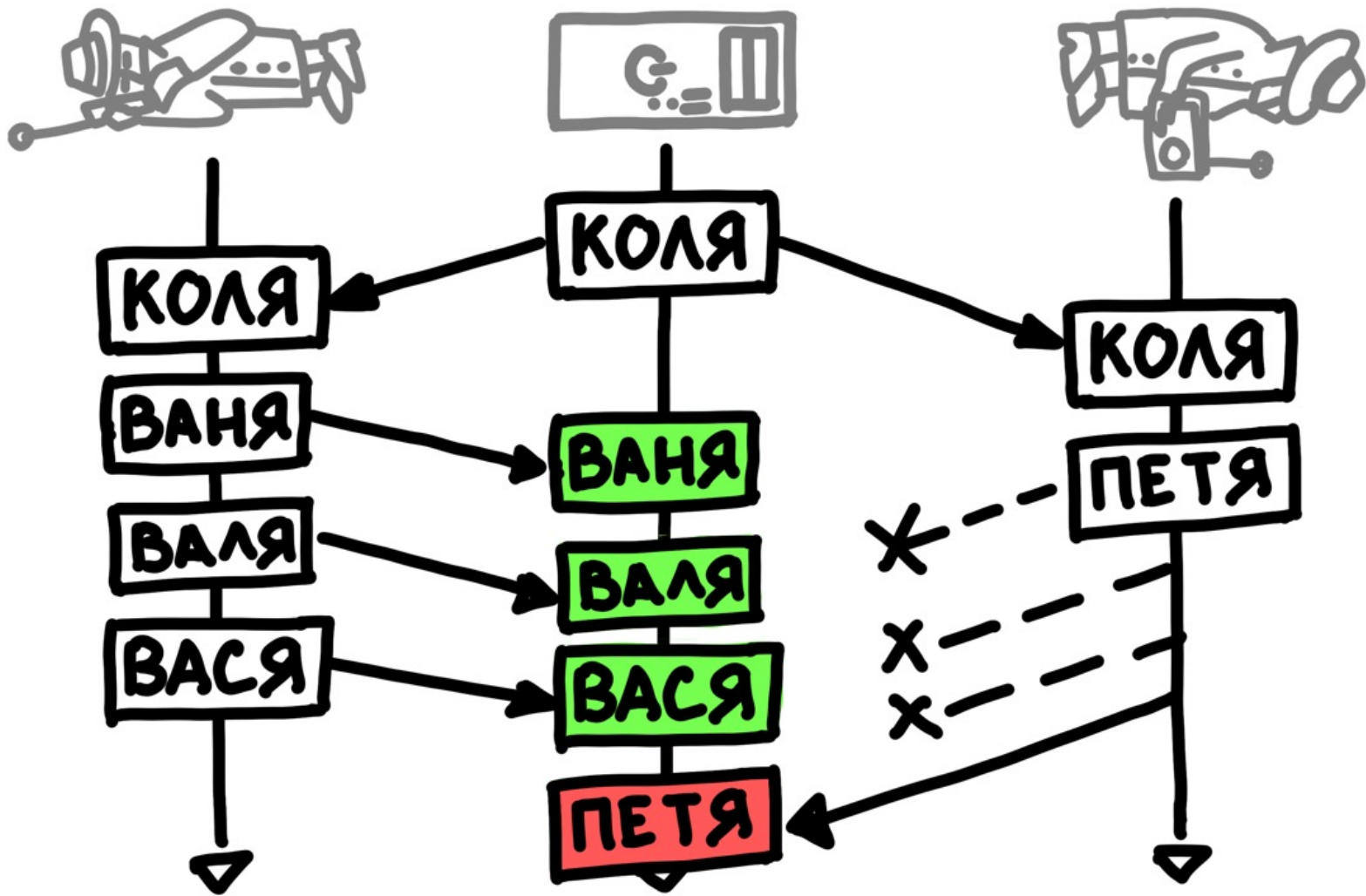


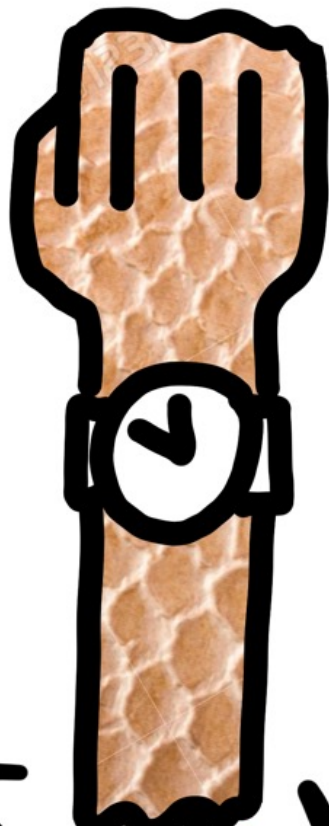
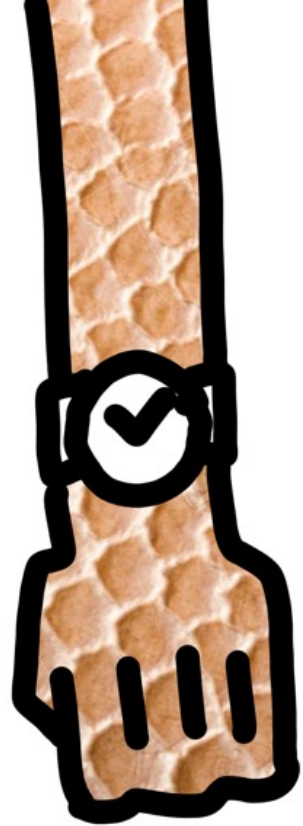




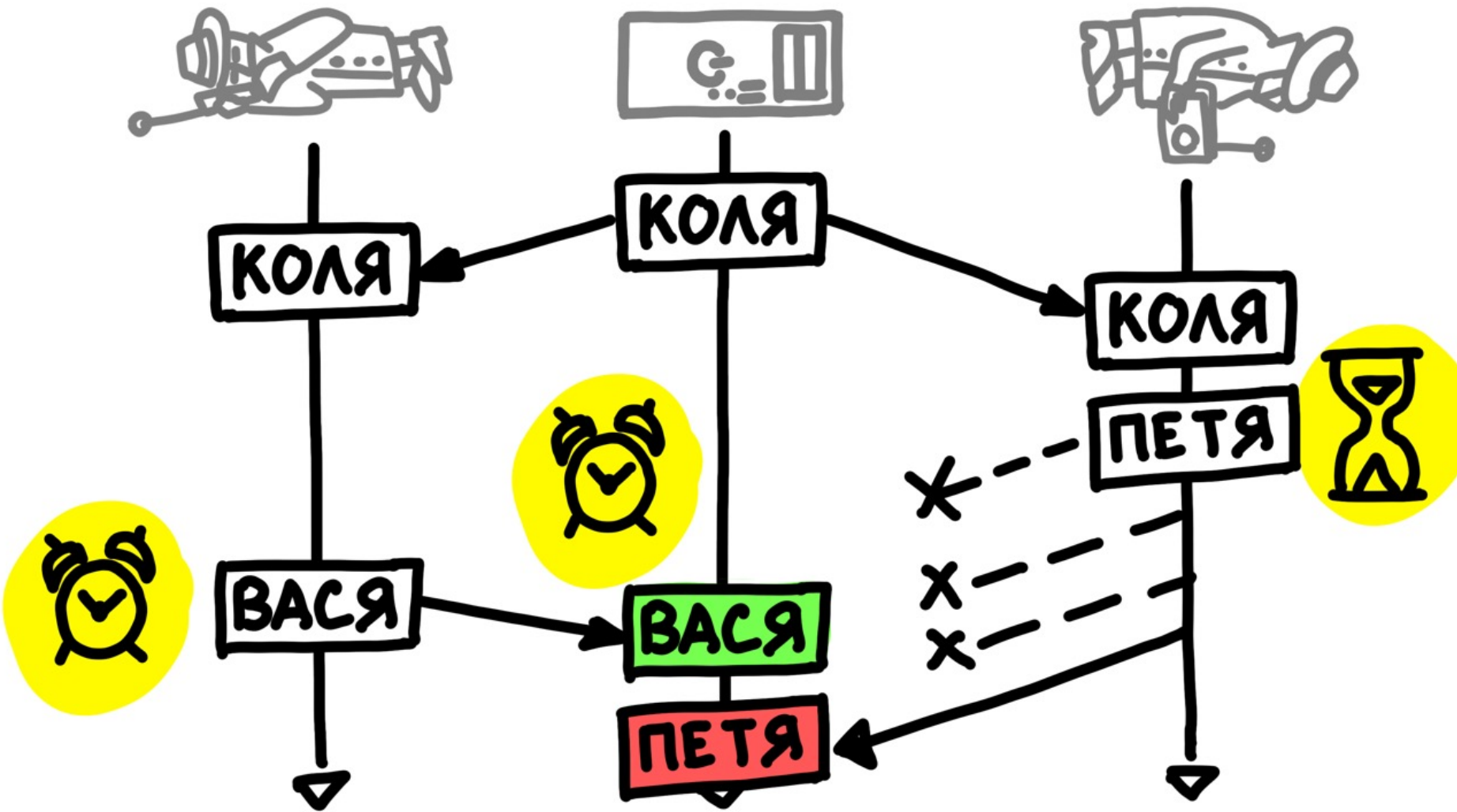


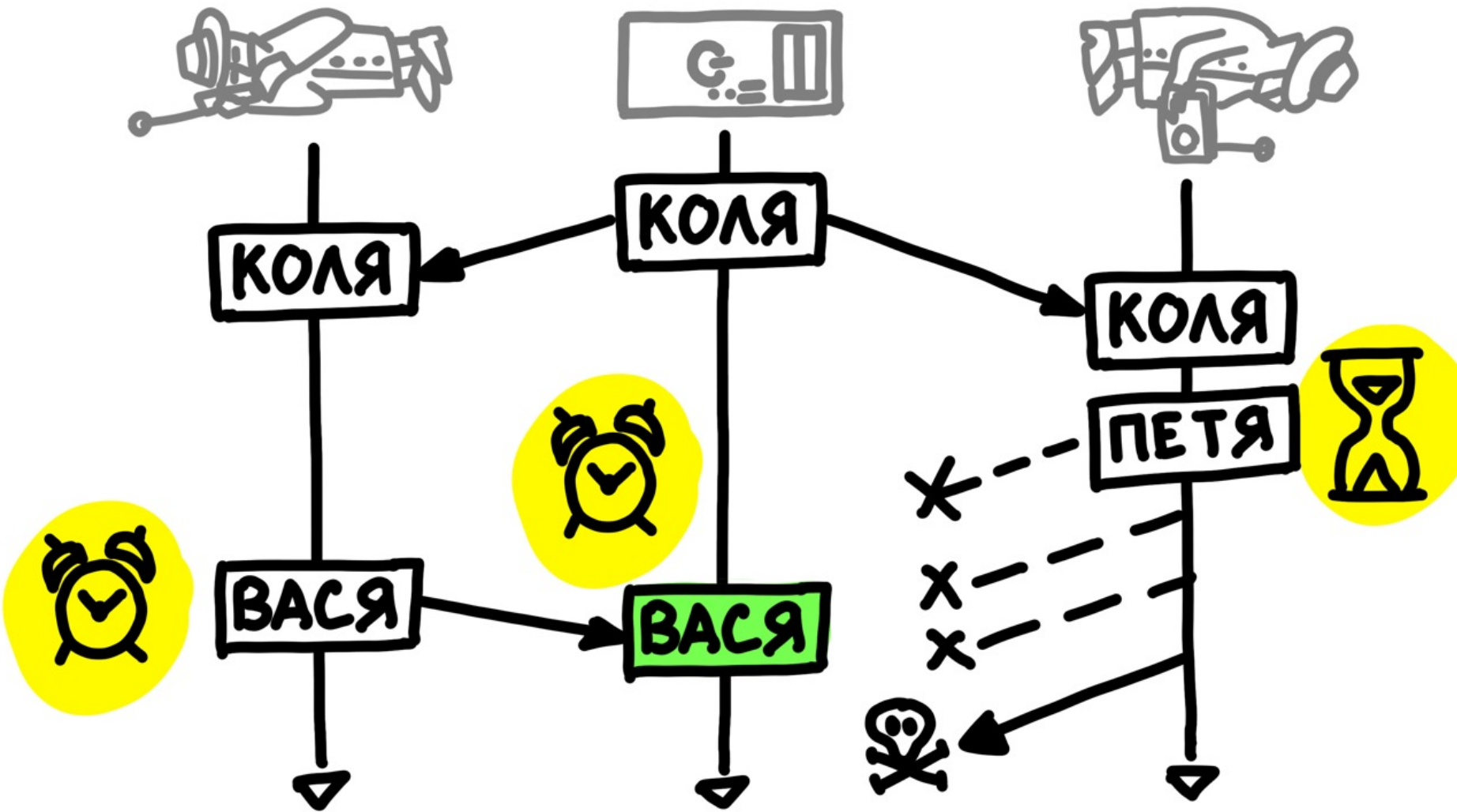






LAST WRITE & WINS





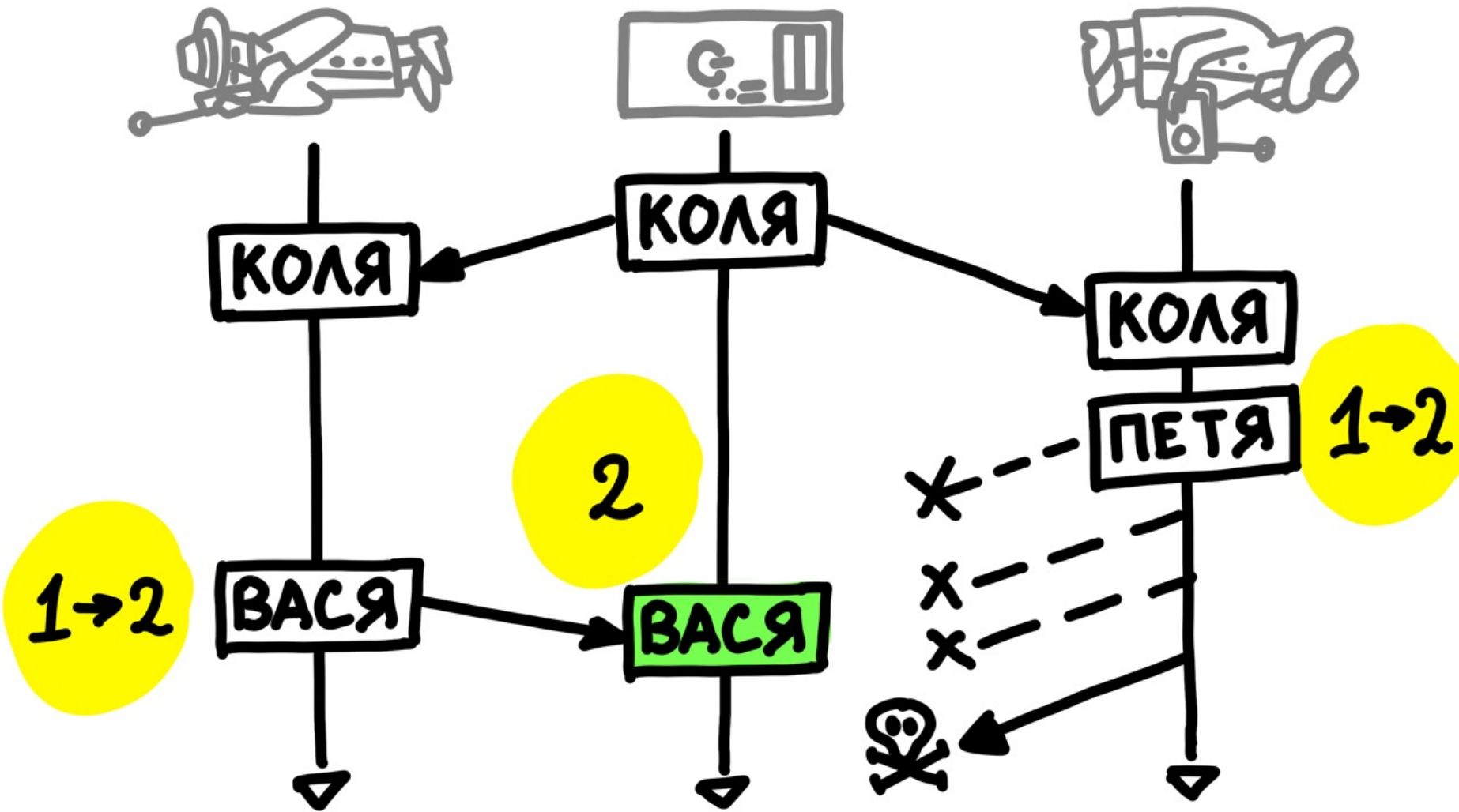


TIME PARADOXES





COMPARE SET
AND



CONFLICT



EDITED BY YOU
3 days ago

USE THIS



EDITED BY YOU
7 days ago

USE THIS

CONFLICT



EDITED BY YOU
3 days ago

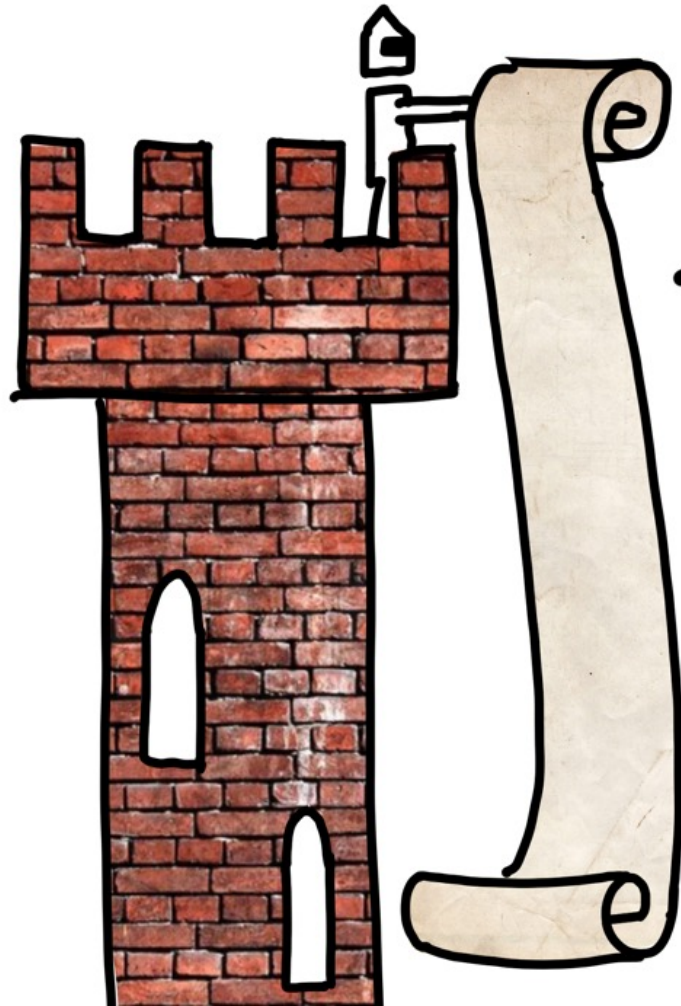
DESTROY



EDITED BY YOU
7 days ago

DESTROY

r9322@fortuna (orig r1831): jguenther | 2006-05-25 17:12:00 -0400
git-svn-id: file:///Users/gknop/src/convert-git-dbic/svn-mirror/branches/DBIx-Class-cu
r9296@fortuna (orig r1806): bluefeet | 2006-05-25 12:16:28 -0400
git-svn-id: file:///Users/gknop/src/convert-git-dbic/svn-mirror/branches/DBIx-Class-
r9289@fortuna (orig r1800): matthewt | 2006-05-24 19:30:34 -0400
git-svn-id: file:///Users/gknop/src/convert-git-dbic/svn-mirror/branches/DBIx-Class-
r9277@fortuna (orig r1791): captainL | 2006-05-24 10:06:35 -0400
r9272@fortuna (orig r1790): dwc | 2006-05-24 01:57:22 -0400
First pass: take what the user provides if we can't determine a unique query
Creating a branch for find compatibility fixes
Remove tabs from recent Changes
Fix POD for name_unique_constraint
Add automatic naming of unique constraints
Add a warning for DBD::Pg < 1.49
hopefully fixup pg tests (thanks to zby, all bugs mine)
squashed a couple unnecessary warnings in the CDBI-compat tests
Changed tests to use DBICTest->init_schema() instead of DBICTest::init_schema()
Squashed an extraneous warning in 82cascade_copy.t and fixed up 26dumper.t
r1828@moss (orig r1827): bluefeet | 2006-05-25 11:38:50 -0700
reorganize tests Remove basicrels, helperrels, and run on t/
r1816@moss (orig r1815): bluefeet | 2006-05-25 11:34:59 -0700
git-svn-id: file:///Users/gknop/src/convert-git-dbic/svn-mirror/branches/DBIx-Class-
r1813@moss (orig r1812): matthewt | 2006-05-25 11:19:21 -0700
git-svn-id: file:///Users/gknop/src/convert-git-dbic/svn-mirror/branches/DBIx-CI
git-svn-id: file:///Users/gknop/src/convert-git-dbic/svn-mirror/branches/DBIx-CI
git-svn-id: file:///Users/gknop/src/convert-git-dbic/svn-mirror/branches/DBIx-CI
r1801@moss (orig r1800): matthewt | 2006-05-24 18:30:34 -0700
r1799@moss (orig r1798): bluefeet | 2006-05-24 14:53:03 -0700
Incorporate changes in -current.

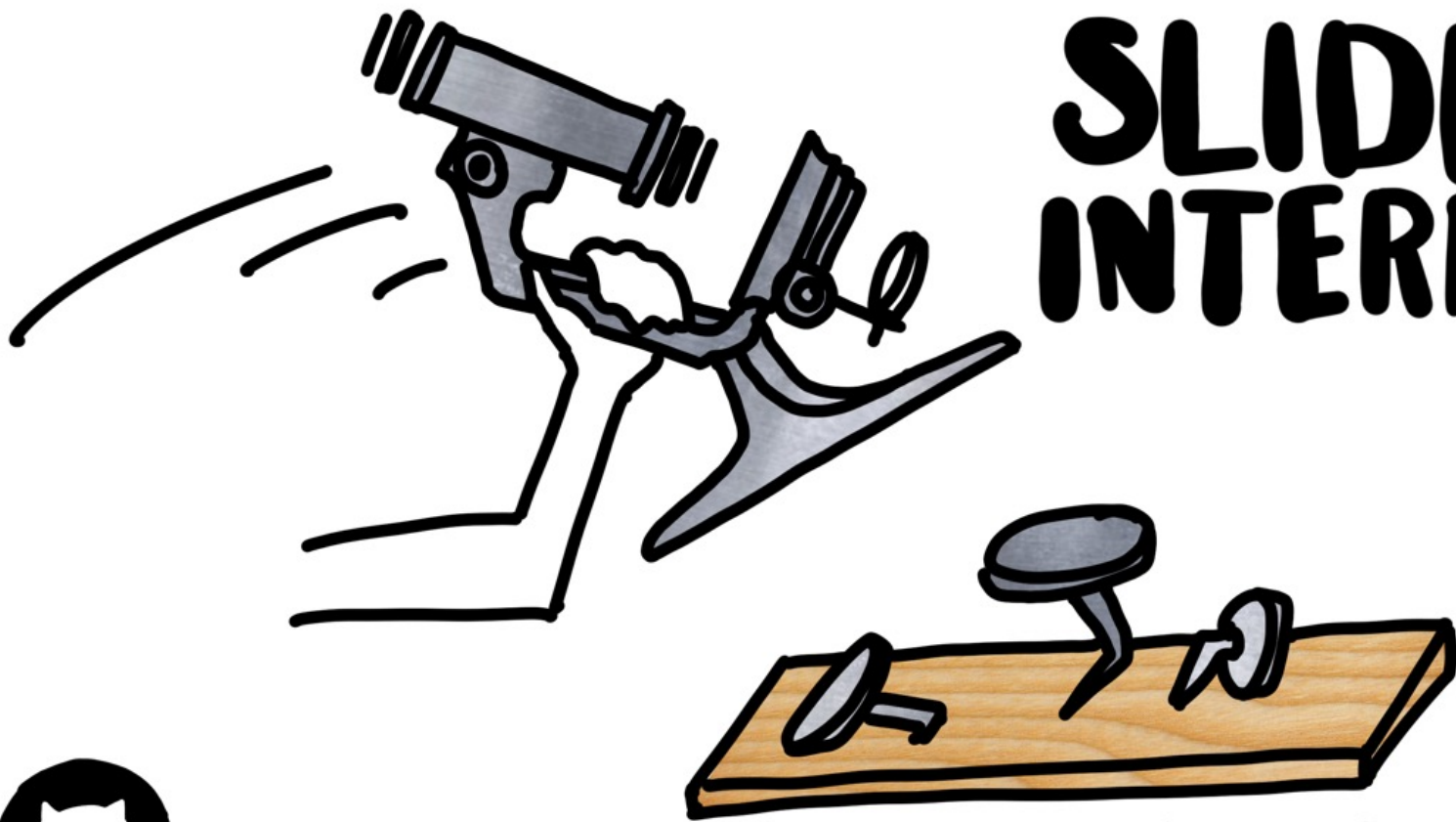


OPERATIONAL TRANSFORMATION

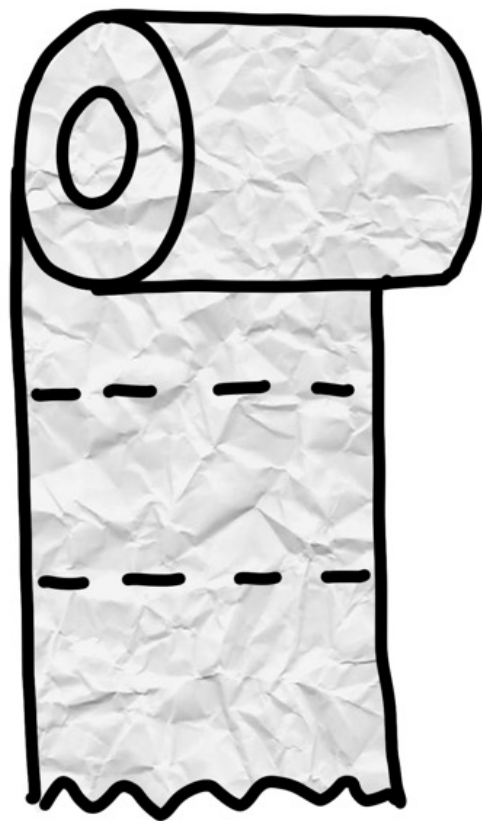


CRDT

SLIDES INTERNALS



/tonsky/2017-06-FrontendConf/



FIREBASE + EVENT SOURCING + CRDT



Overview



Analytics

DEVELOP



Authentication



Database



Storage



Hosting



Functions



Test Lab



Crash Reporting

GROW



Notifications



Remote Config



Dynamic Links

EARN



AdMob

Spark

Free \$0/month

[UPGRADE](#)

1705_RigaDevDays

likes

online

speaker_slide

events

- Kk5QDZwHI3Dh6tGr38z
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- Kk5QEsldchXEQddUgbq
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EARN

AdMob

Spark
Free \$0/month[UPGRADE](#)

1705_RigaDevDays

likes

online

speaker_slide

events

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- when: 1494756419899

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- value: "110.jpg"
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- value: "114.jpg"
- when: 1494756456784

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LWW



Overview



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EARN



AdMob

Spark

Free \$0/month

[UPGRADE](#)

1705_RigaDevDays

likes

online

questions

events

-Kk6cV0j4mcWEkezIDAE

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-Kk7kMvEgesFOyb39WW0

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speaker_slide

upvotes

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-Kk7t-VIAkj6bRub9k9x



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-Kk6cV0j4mcWEkezIDAe

value

author: "-KjYd1VpYTtXdoFfWQiR"

id: "-Kk6cVZCMxEL5Ezy1aZc"

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value

author: "-KjYd1VpYTtXdoFfWQiR"

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text: "aqwrwer"

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-Kk7t-TqtF88xl0S_qKs

-Kk7t8Bm5ji8pr42qzQ6

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GROW ONLY SET



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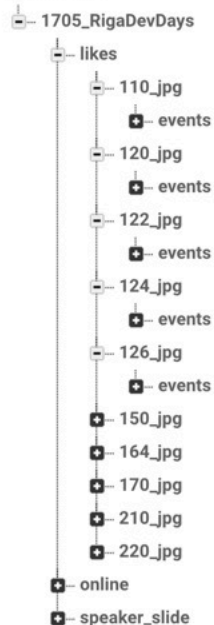
RULES

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<https://slides-551fe.firebaseio.com/>

slides-551fe





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likes



110_jpg



events



-KjZHv4dPaZwvOnFuMjT



-KjZl-MmQBHI3m4xu88K



-KjZIAHaAXTFyG22WTH3



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-KjZlAmrD39GtjEsdWLa



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-KjZlJqxacnPemFjtpWc



-Kk68AarwzarAa7KrO95



120_jpg



events



122_jpg



events



124_jpg



events



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-KjZHv4dPaZwvOnFuMjT

op: "add"

tag: "-KjZHv5GHXQ_CAoAs1Yd"

value: "-KjYd1VpYtXdoFfWQiR"

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value: "-KjYd1VpYtXdoFfWQiR"

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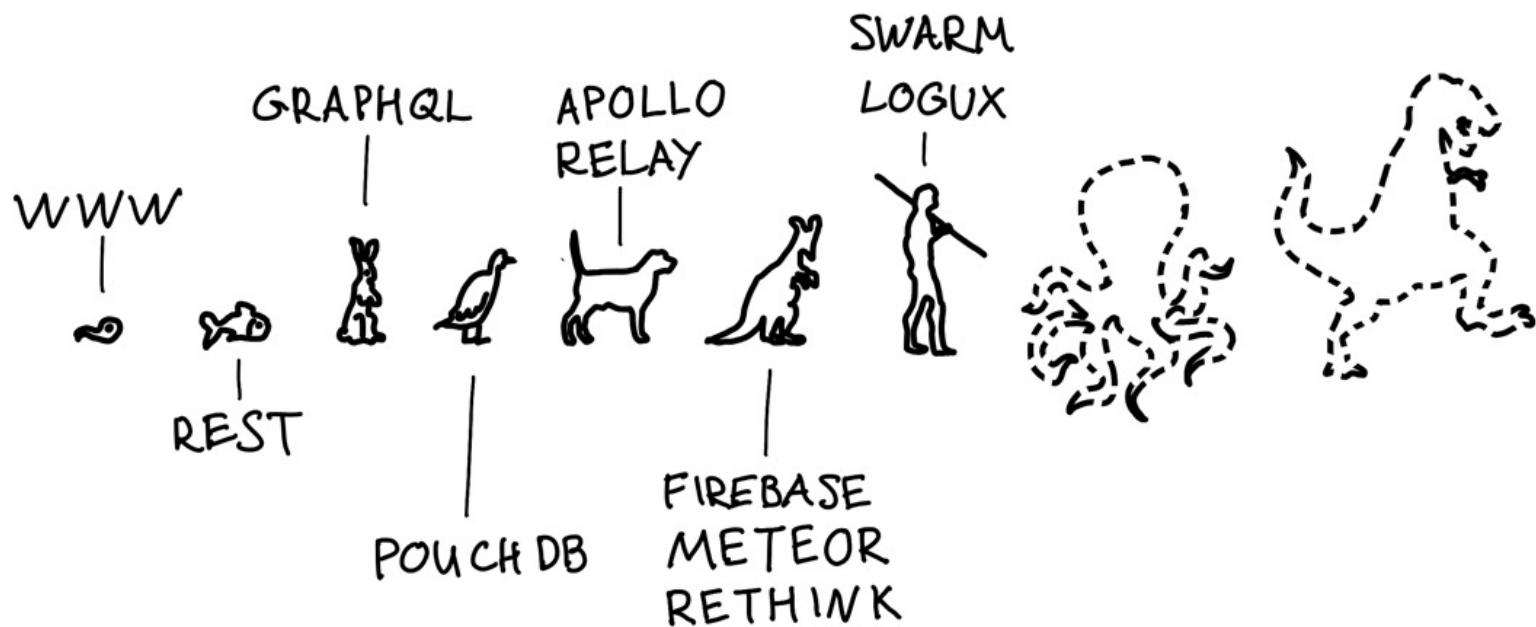
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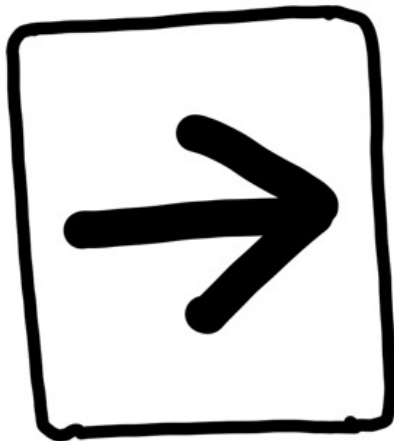
OBSERVED REMOVED SET

ВЫВОДЫ





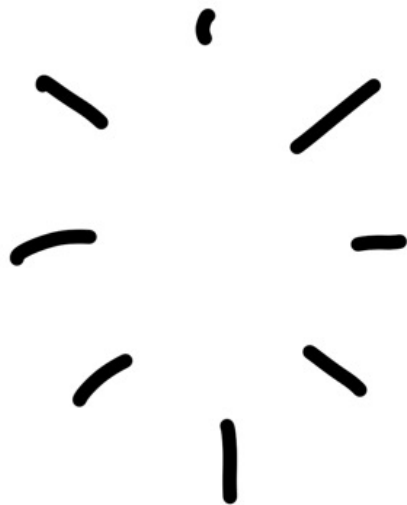
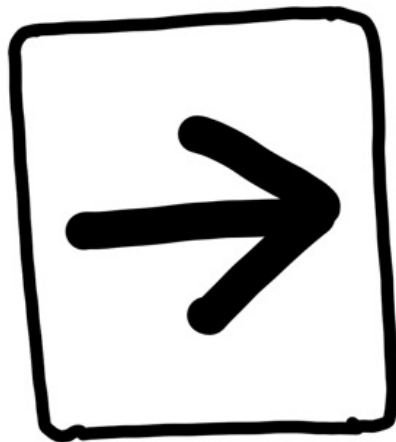
ACCESS DE...



ht

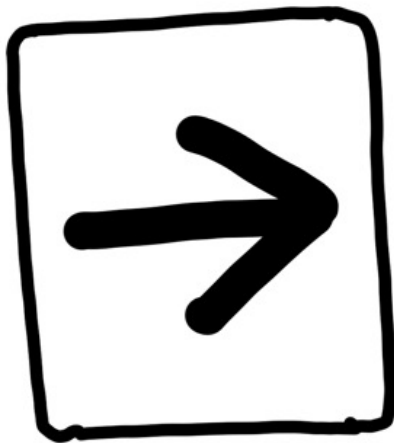


ACCESS DE...





ACCESS DE...



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