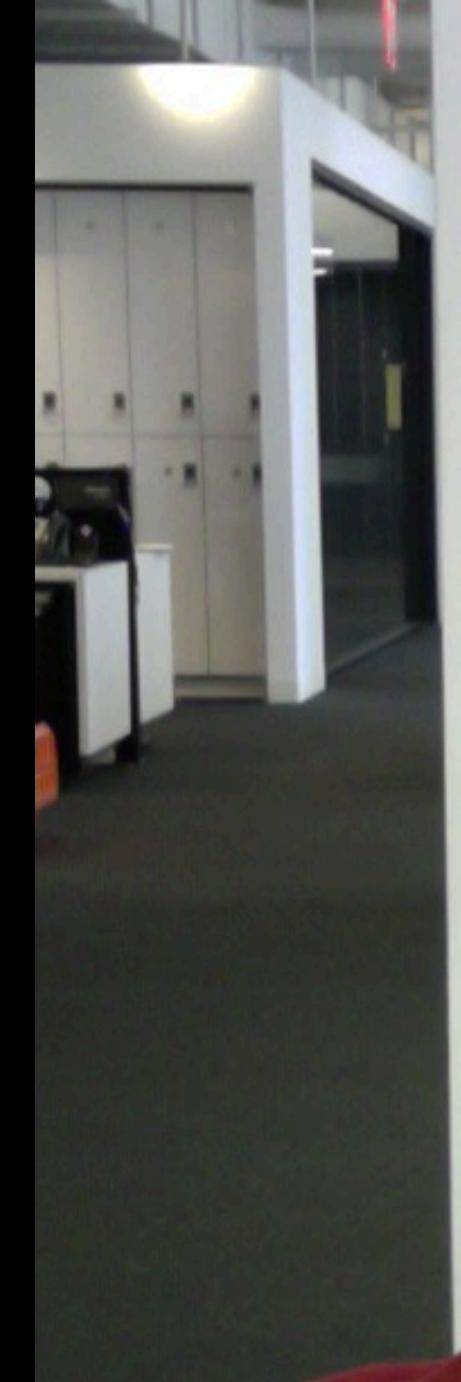


wifi: YGuest

HI! I'M DAVE.





THE HARD LESSONS

A dramatic scene from a movie showing a large explosion at sea with smoke billowing into the sky.

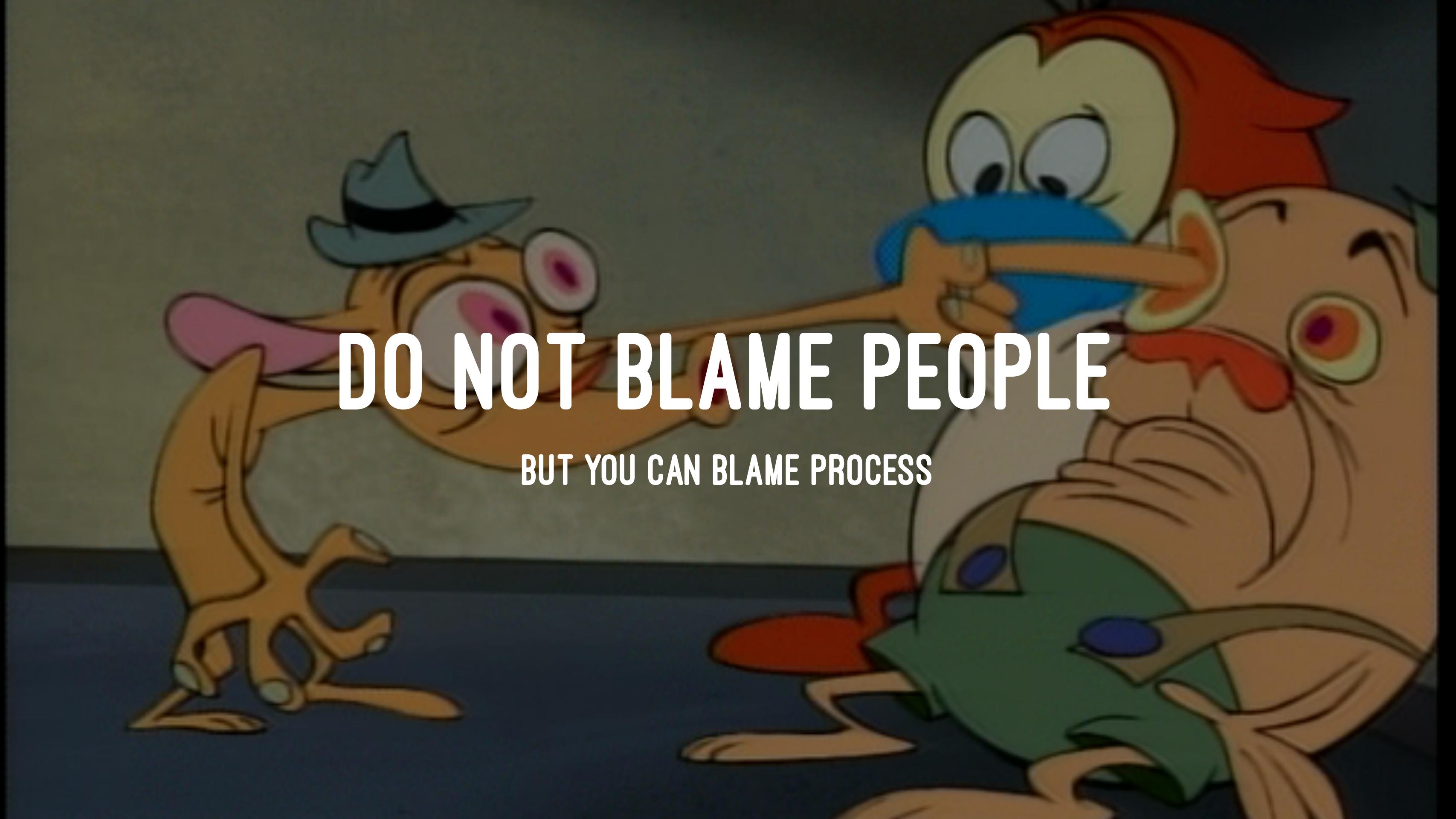
**EVERYBODY
FAILS**

POST MORTEM



**HOW CAN WE LOWER THE
LIKELYHOOD OF THIS?**

**HOW CAN WE MINIMIZE
THE IMPACT?**



DO NOT BLAME PEOPLE

BUT YOU CAN BLAME PROCESS

A blurred background image of Usain Bolt, the Jamaican sprinter, in mid-stride on a blue running track. He is wearing a yellow singlet and green shorts, with his right arm raised in a finishing gesture. The background is a green field.

DON'T RUSH IT.
WAIT UNTIL YOU KNOW.

OOPSES

1: REMOTE APP CONFIG

SERVER

JSON



SERVER



APP

```
{  
  "baseURL": "http://api.verizon.com/v2/" ,  
  "pollingMaxRetries": 3 ,  
  "prodDebugEnabled": true  
}
```

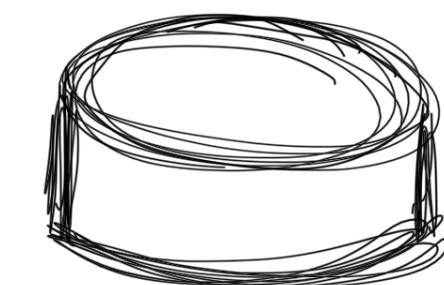
```
- (NSInteger)pollingMaxRetries
{
    NSString *key = @"pollingMaxRetries";
    NSNumber *num = self.config[key] ?: self.defaults[key];
    return [num integerValue];
}
```

SERVER



JSON

↓ JSON
APP



CACHE

SERVER



JSON

↓ JSON
APP



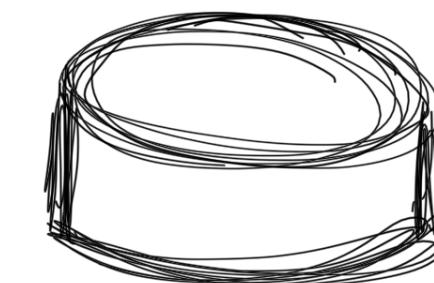
CACHE

DICTIONARY

SERVER

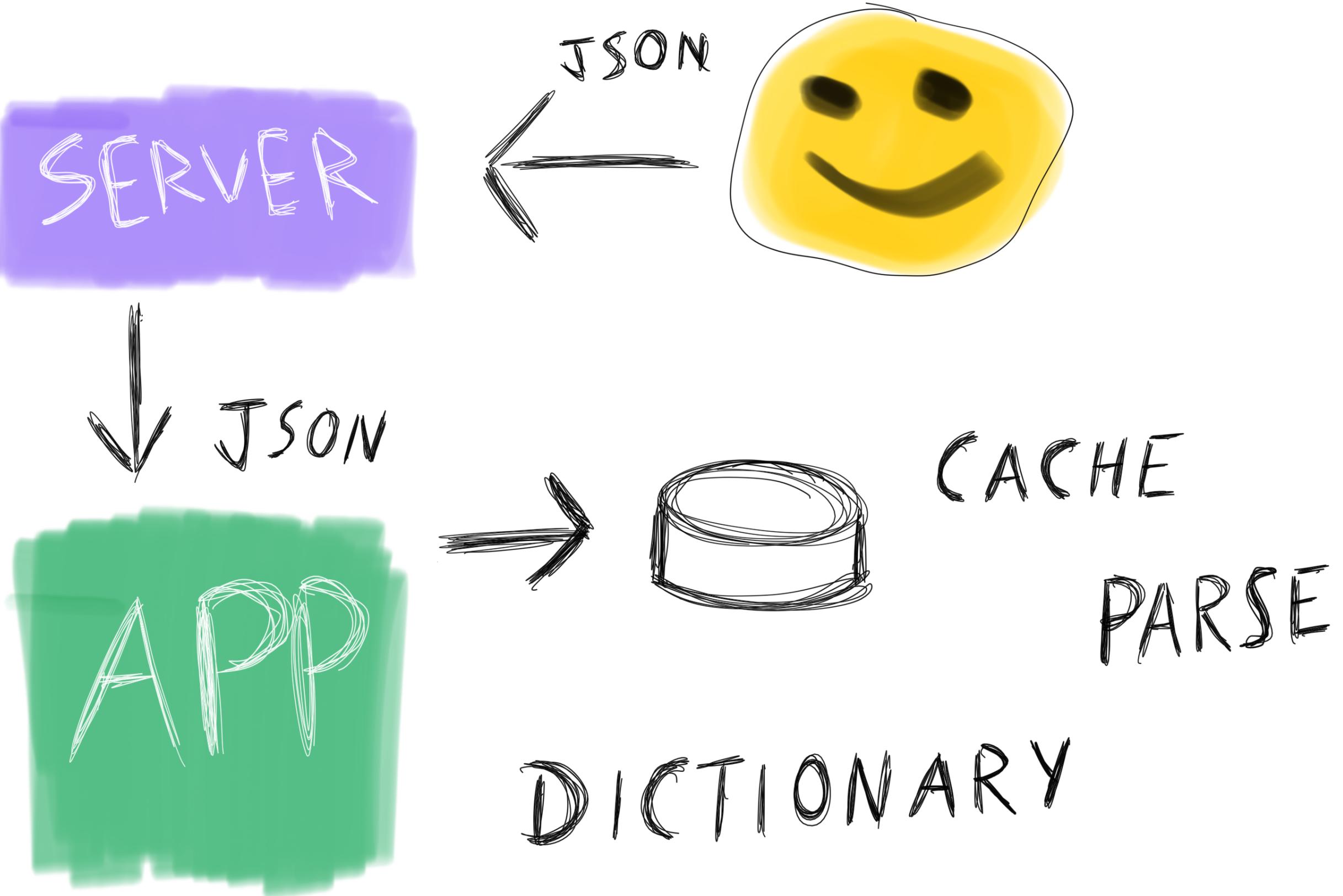


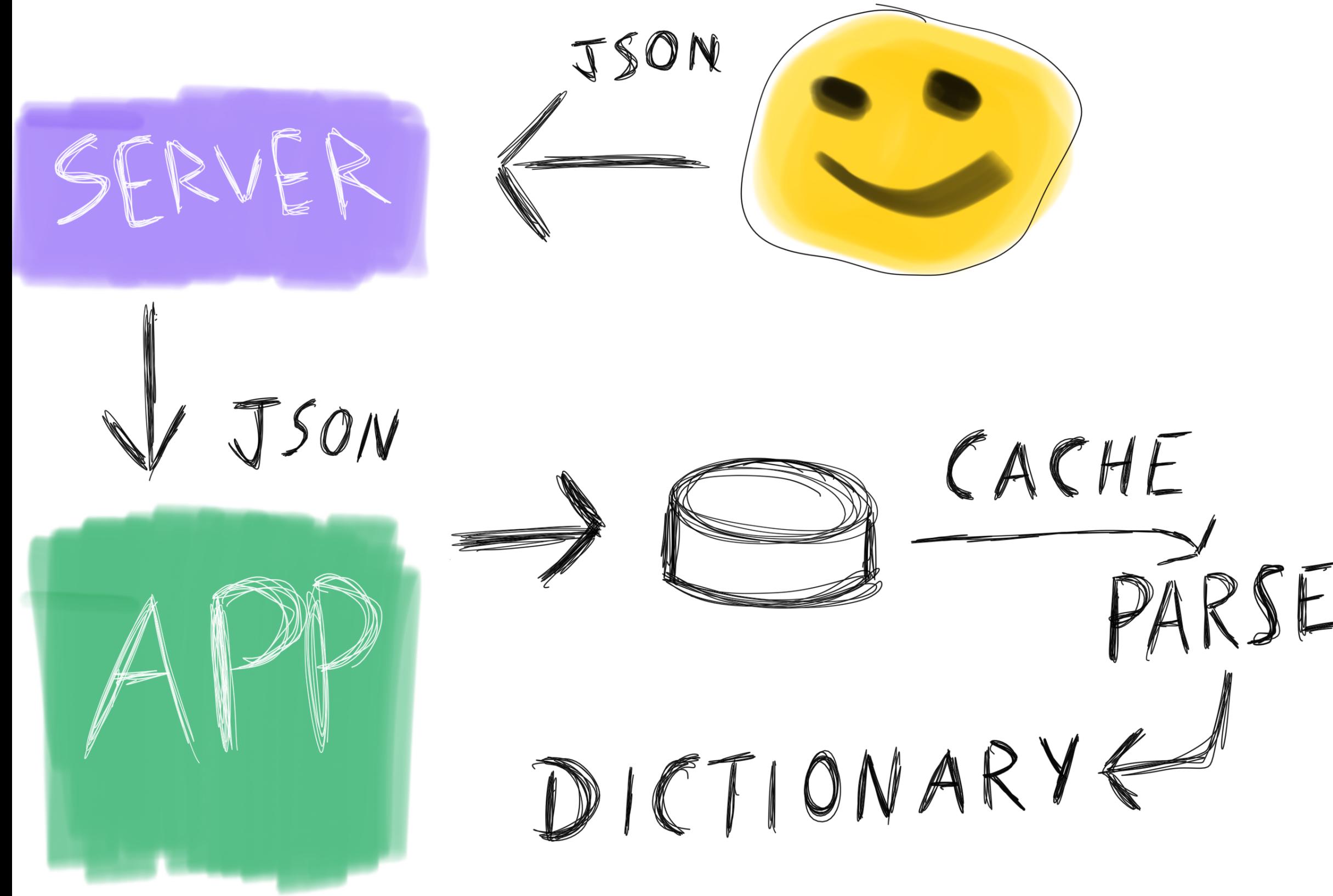
↓ JSON
APP

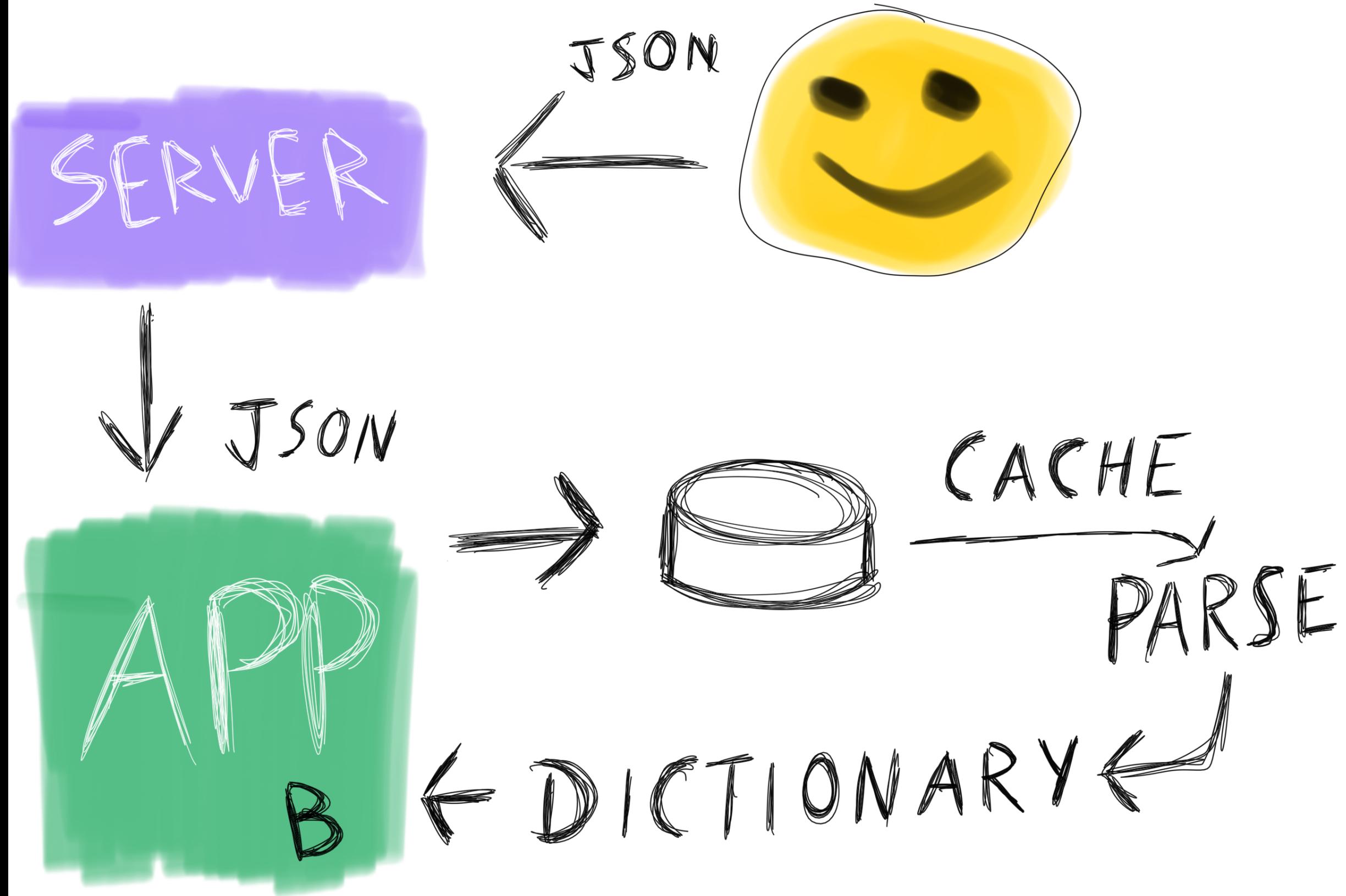


CACHE

PARSE
DICTIONARY



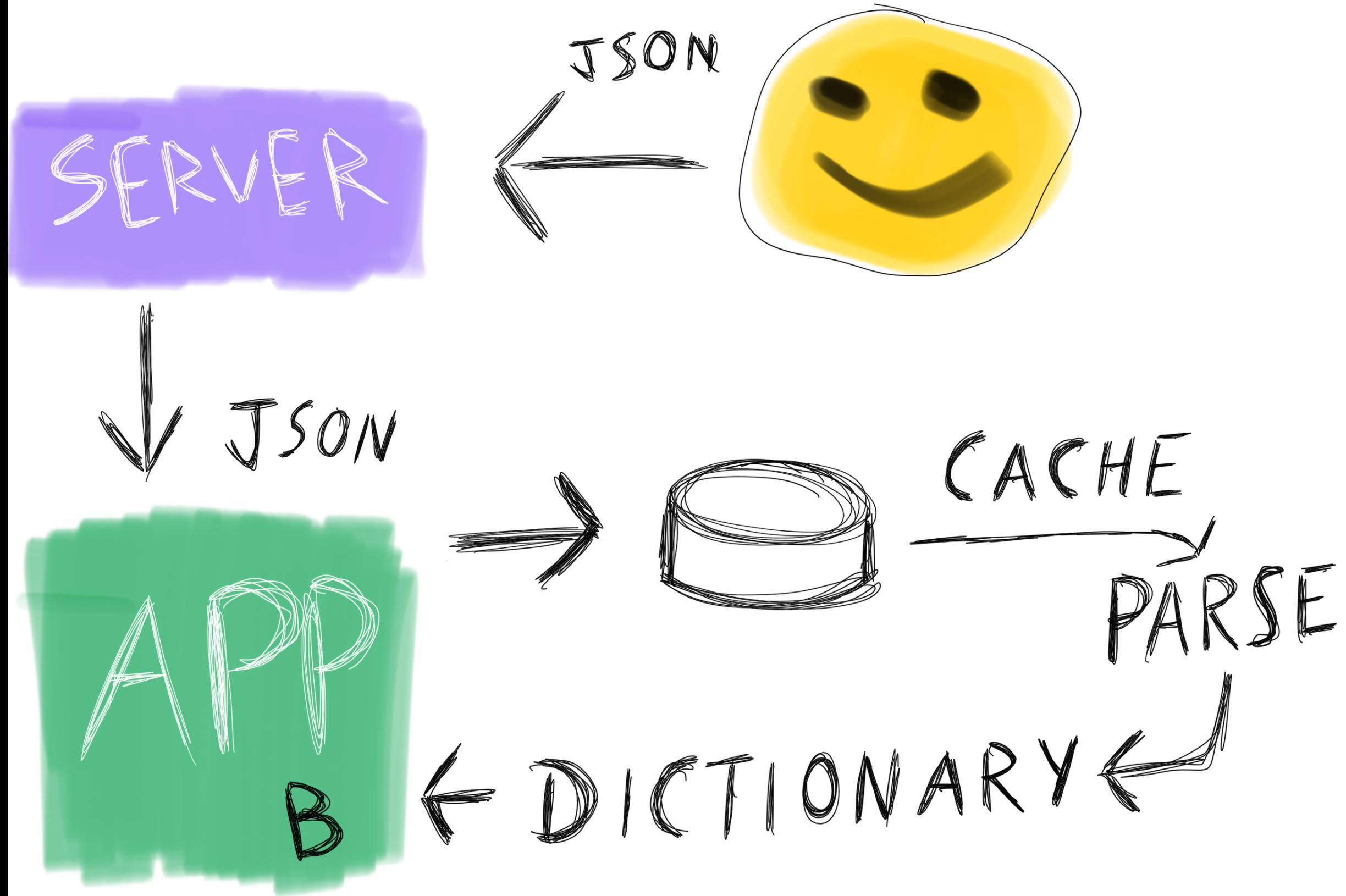


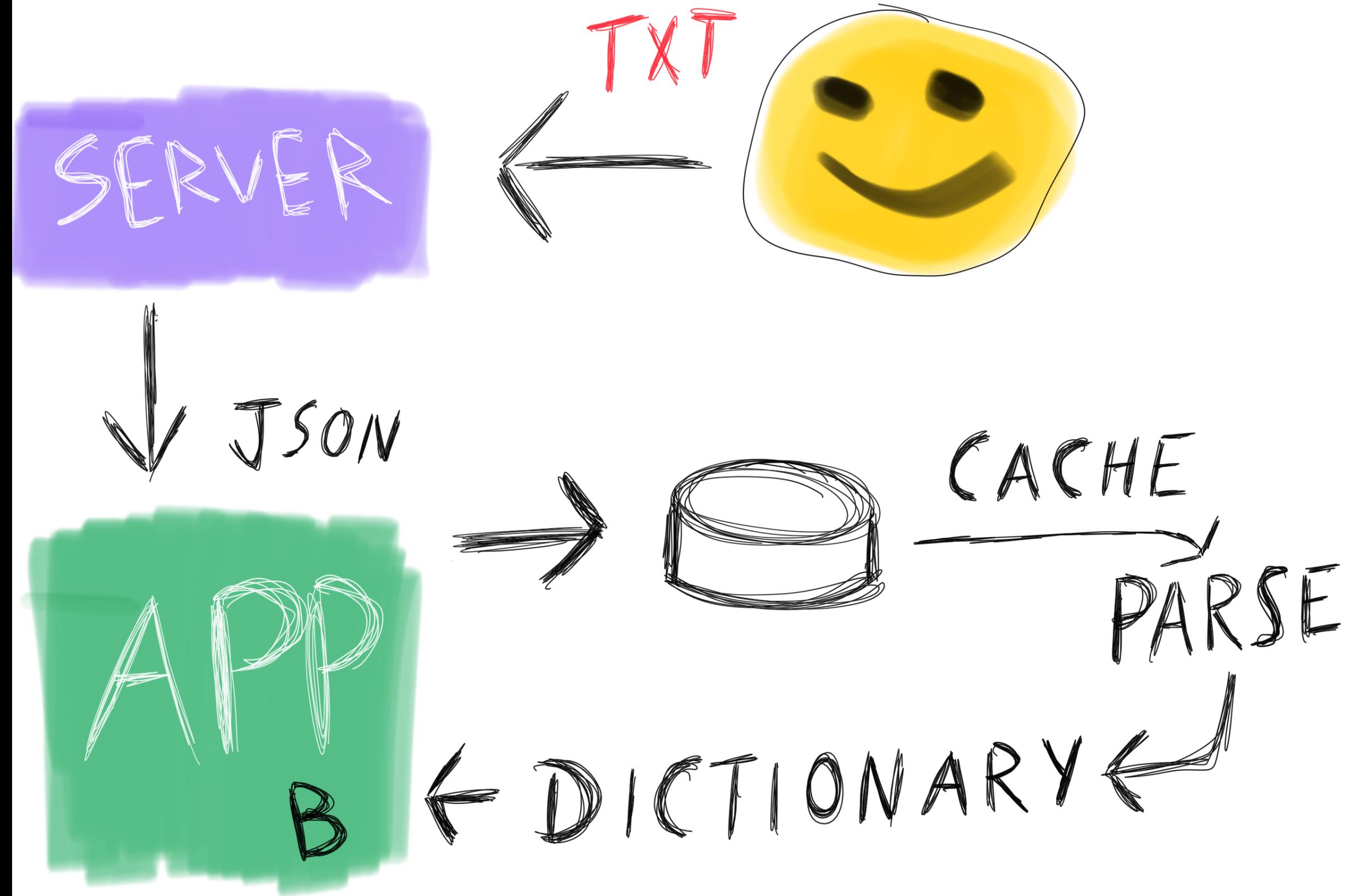


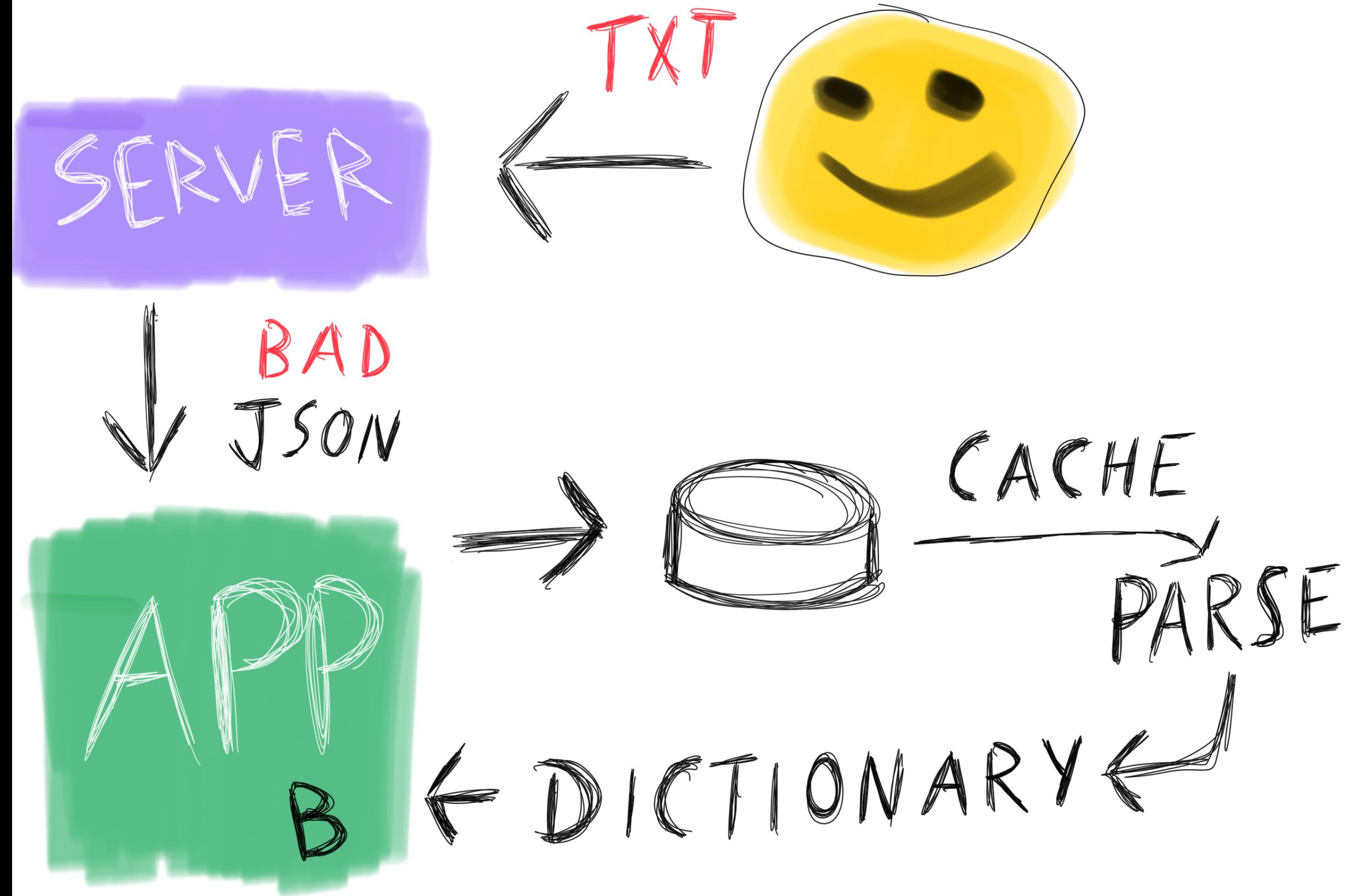
THEN ONE DAY...

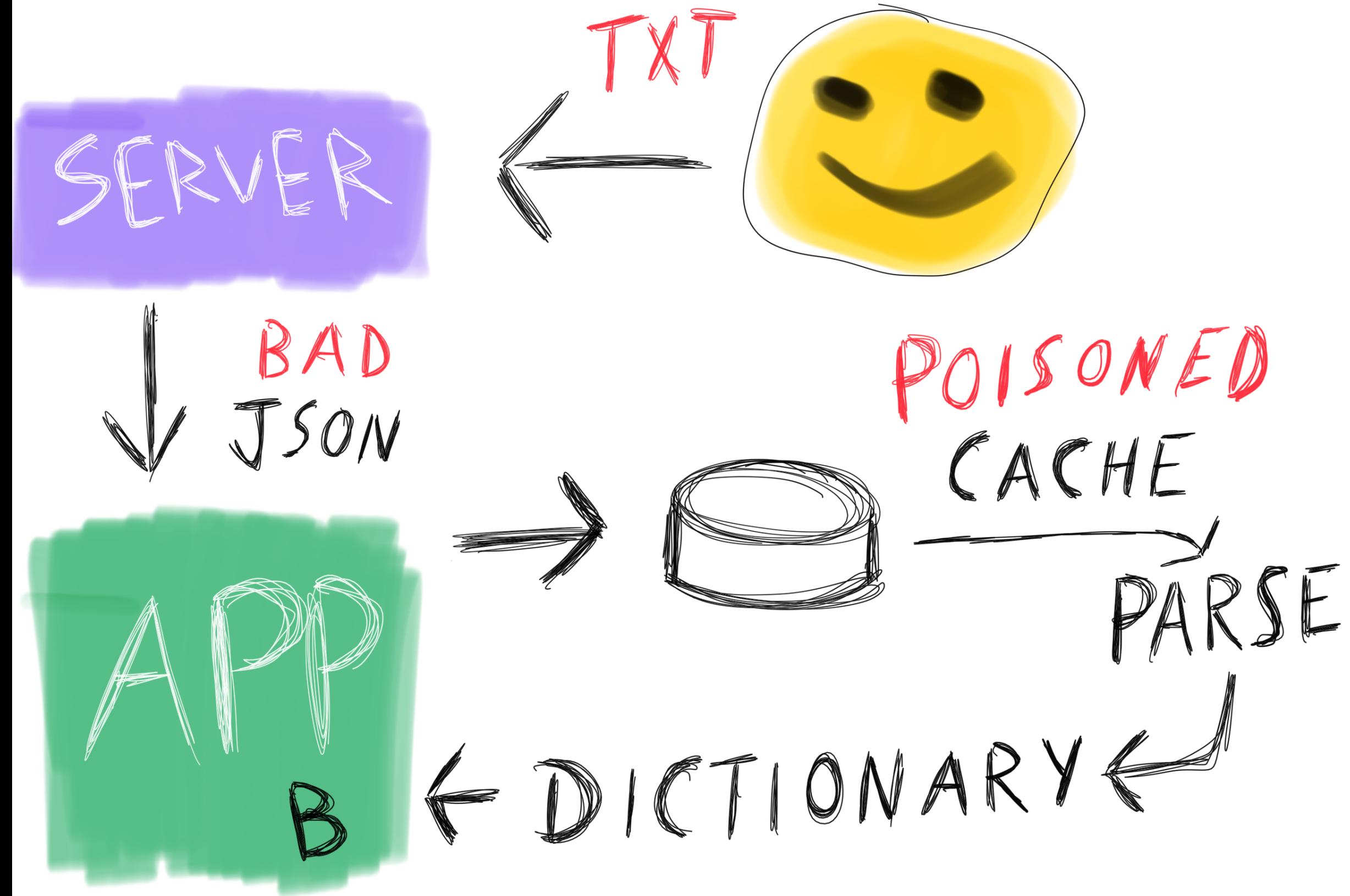
```
{  
  "baseURL": "http://api.verizon.com/v2/" ,  
  "pollingMaxRetries": 3 ,  
  "prodDebugEnabled": true  
  "enableSecretFeature": true  
}
```

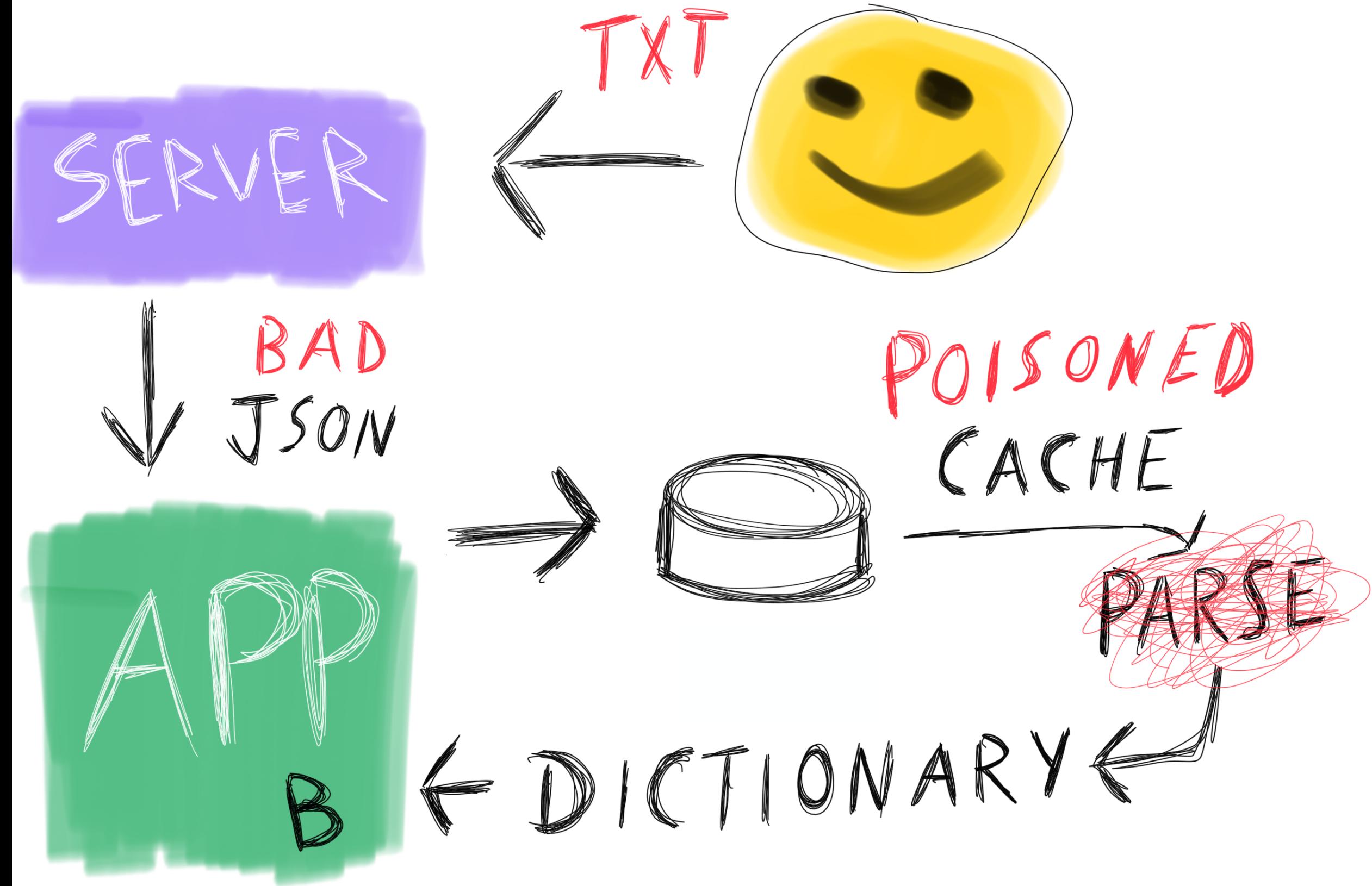
**API TRAFFIC WAY DOWN
NO CRASH REPORTS**



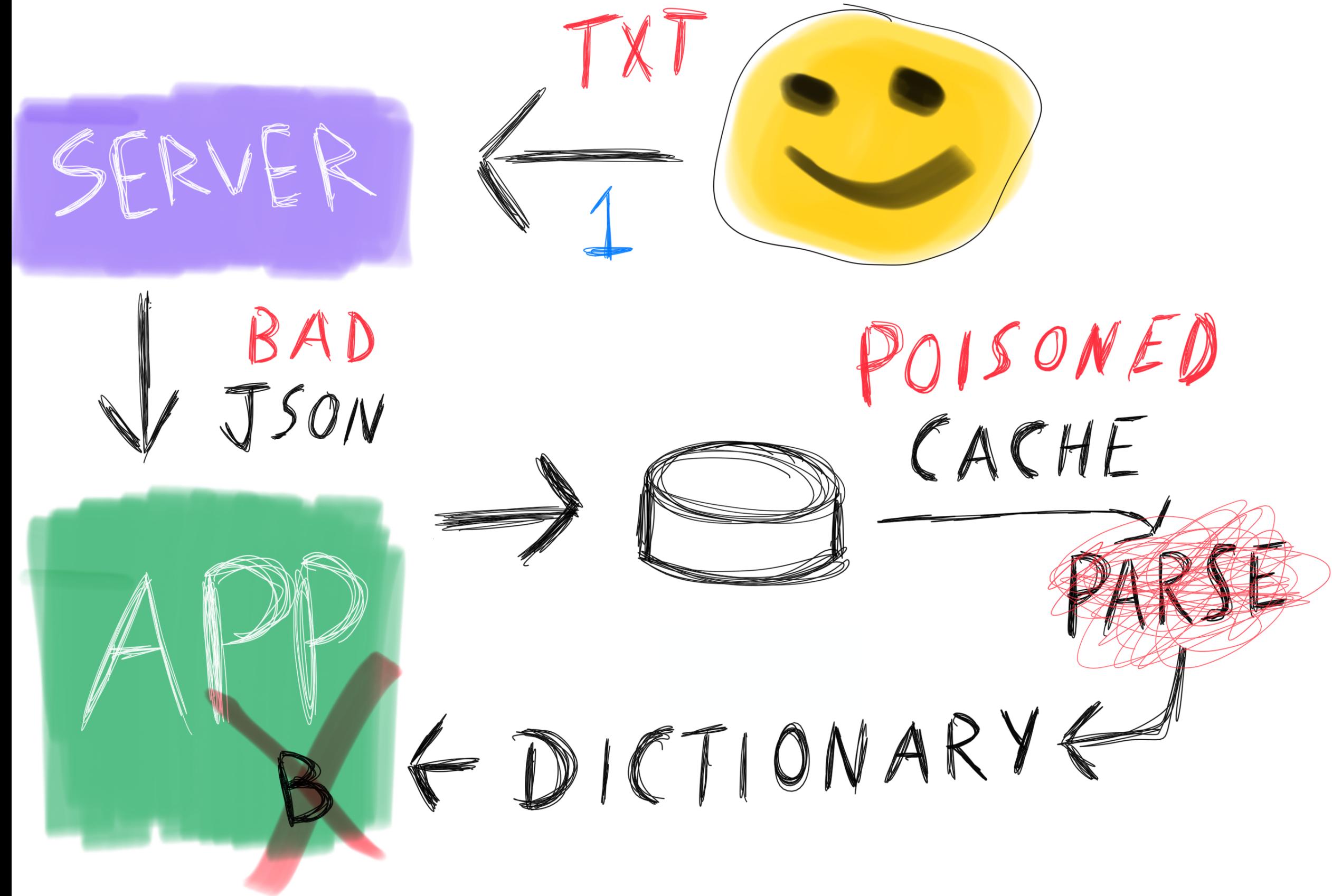


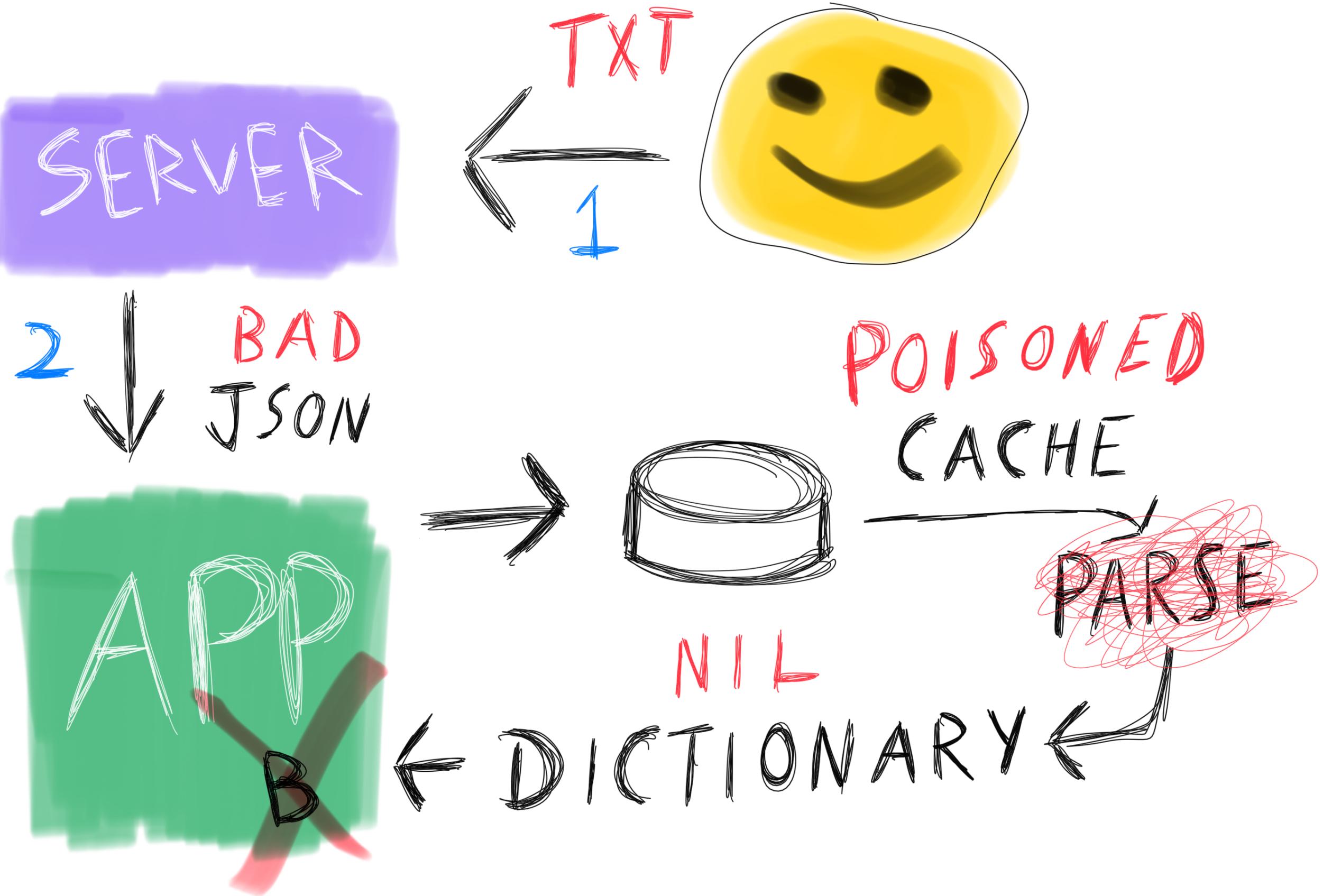


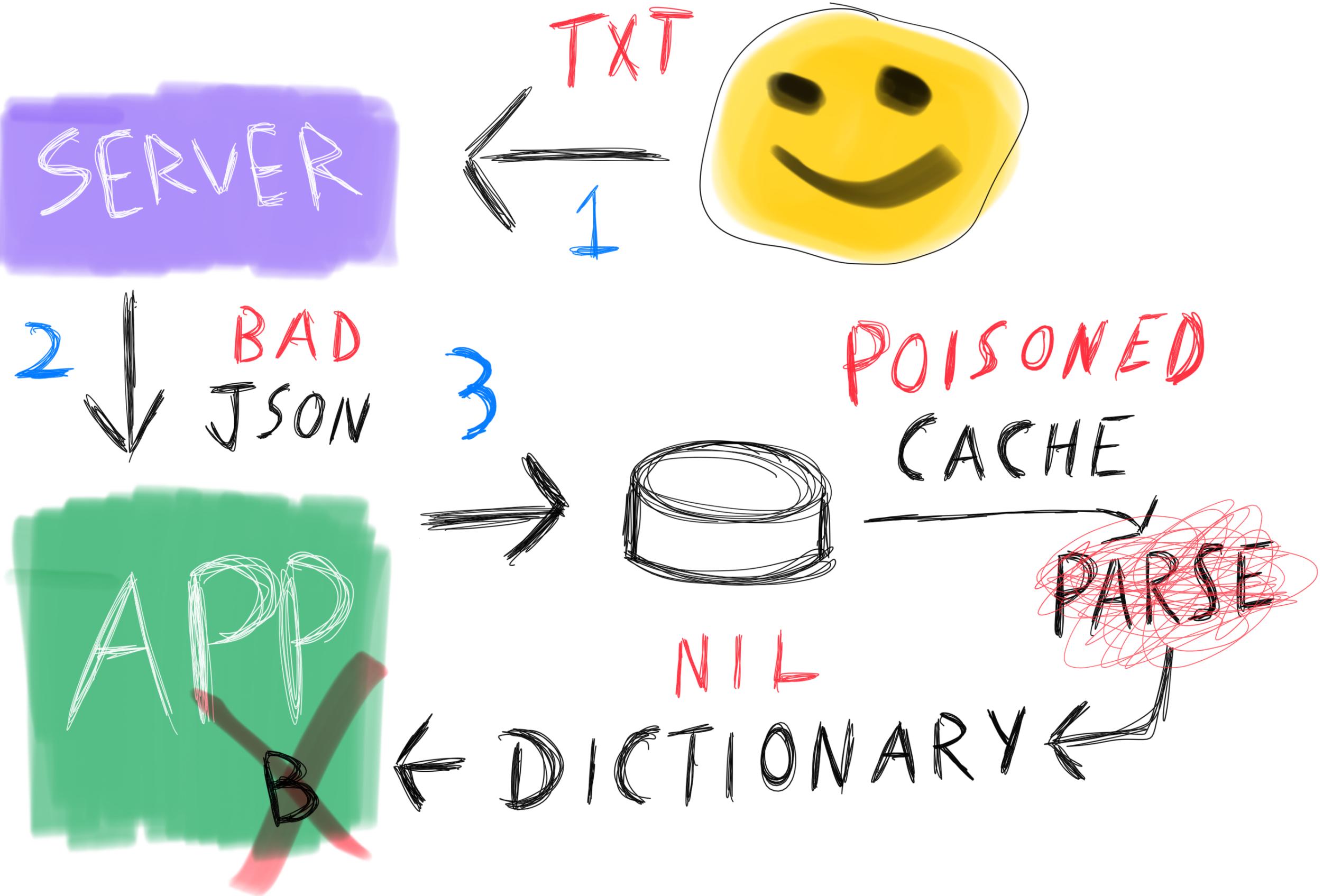


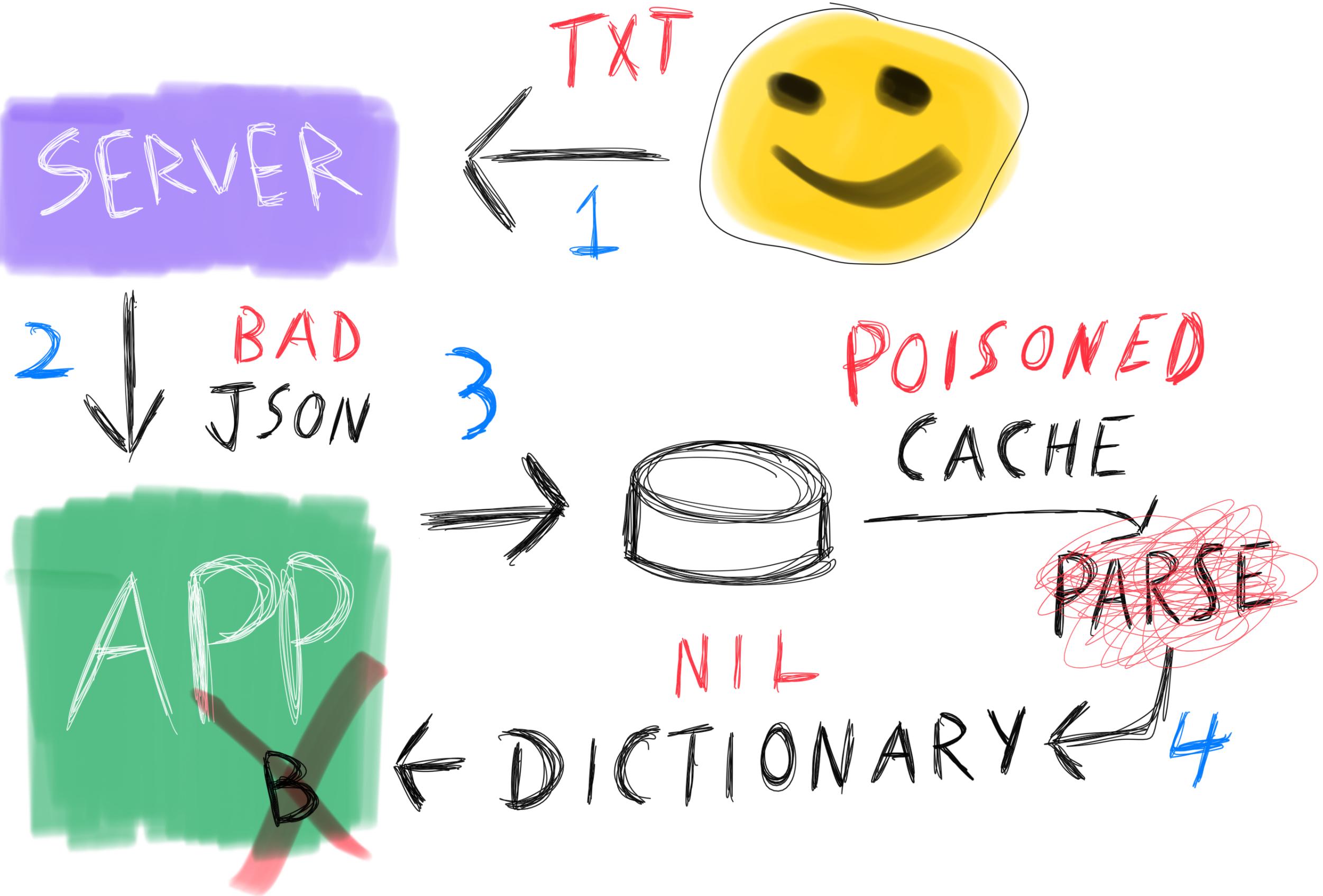


**WHAT HAPPENED?
WHERE WAS THE FAILURE?**

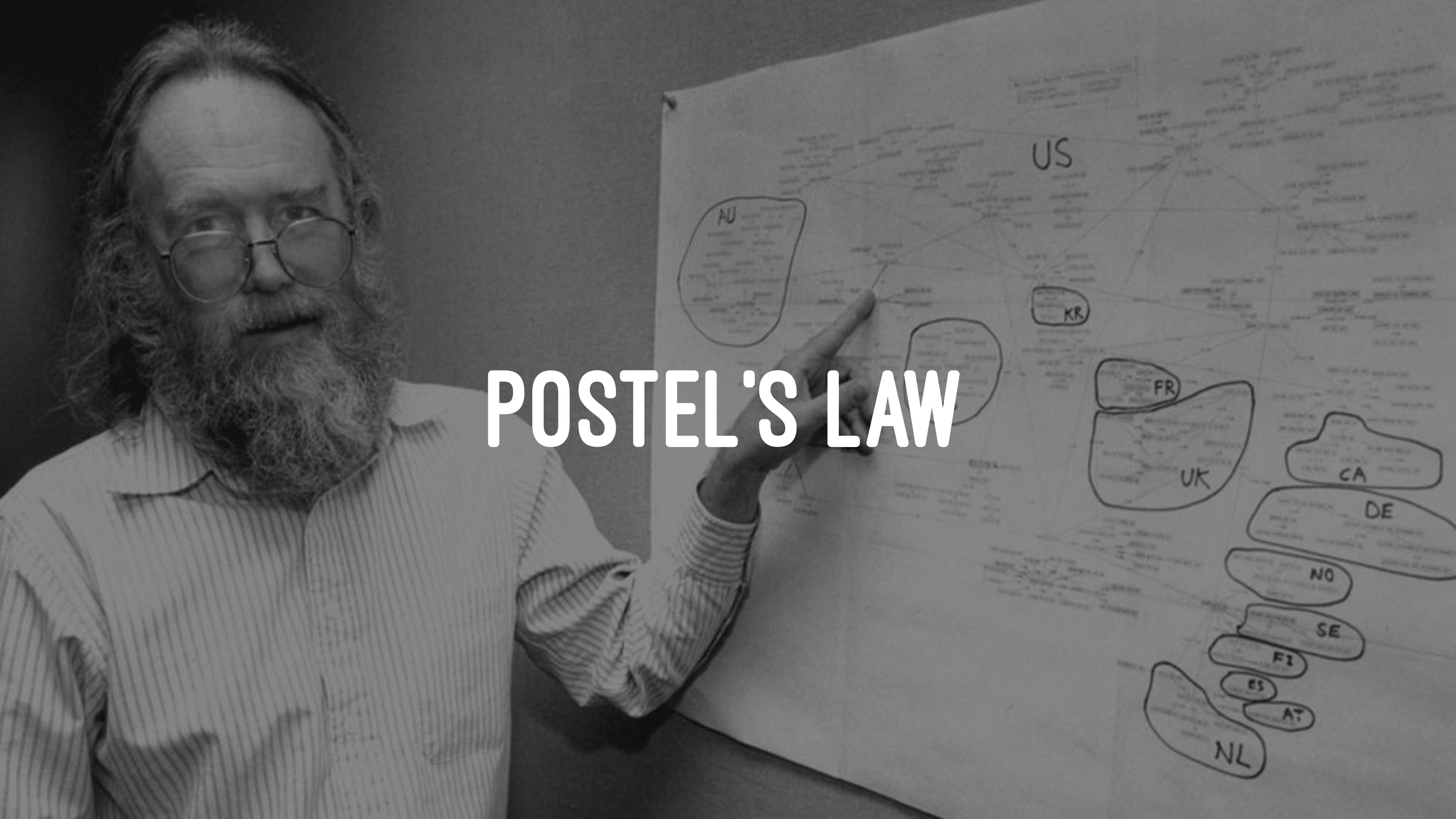








POSTEL'S LAW



**BE CONSERVATIVE IN WHAT YOU SEND.
BE LIBERAL IN WHAT YOU ACCEPT.**

FIXED:

- > SERVER DOES VALIDATION
- > PARSER HANDLES JSON FAILURE
- > DETECT AND DELETE POISONED CACHE
- > CLIENT SENDS TELEMETRY WHEN PARSING FAILS

2: identifierForVendor

THE VALUE IN THIS PROPERTY REMAINS THE SAME WHILE THE APP (OR ANOTHER APP FROM THE SAME VENDOR) IS INSTALLED ON THE IOS DEVICE. THE VALUE CHANGES WHEN THE USER DELETES ALL OF THAT VENDOR'S APPS FROM THE DEVICE AND SUBSEQUENTLY REINSTALLS ONE OR MORE OF THEM.

> THE DOCS

```
- (NSString *)idForAnonymousUser
{
    return [UIDevice currentDevice].identifierForVendor;
}
```

INTERESTING API + CLEVER = GENIUS

(FORESHADOWING)

VERSION 2.3.10 RELEASED

**LOGGED OUT USERS MISSING DATA
IDFV CHANGED !!**

**CREATE A CLIENT SIDE FIX
CREATE A SERVER SIDE FIX
FILE 2 RDARS
EXPEDITED REVIEW**

VERSION 2.3.11

**LOGGED OUT USERS DATA IS BACK
EXCEPT FOR THE ONES WE 'FIXED'**

A close-up photograph of a person's hand holding two red dice. The hand is positioned in the lower center of the frame, with the fingers slightly spread. The dice are red with white pips. In the background, a roulette table is visible but out of focus, with green felt, yellow numbers, and red and black bets. The overall composition suggests a theme of risk-taking or gambling.

OPAQUE API + 'CLEVER' = YOLO

THE FIX

```
- (NSString *)idForAnonymousUser
{
    if (![YFUserDefaults anonymousId]) {
        [[YFUserDefaults setAnonymousId:[NSUUID UUID].UUIDString];
    }
    return [YFUserDefaults anonymousId];
}
```

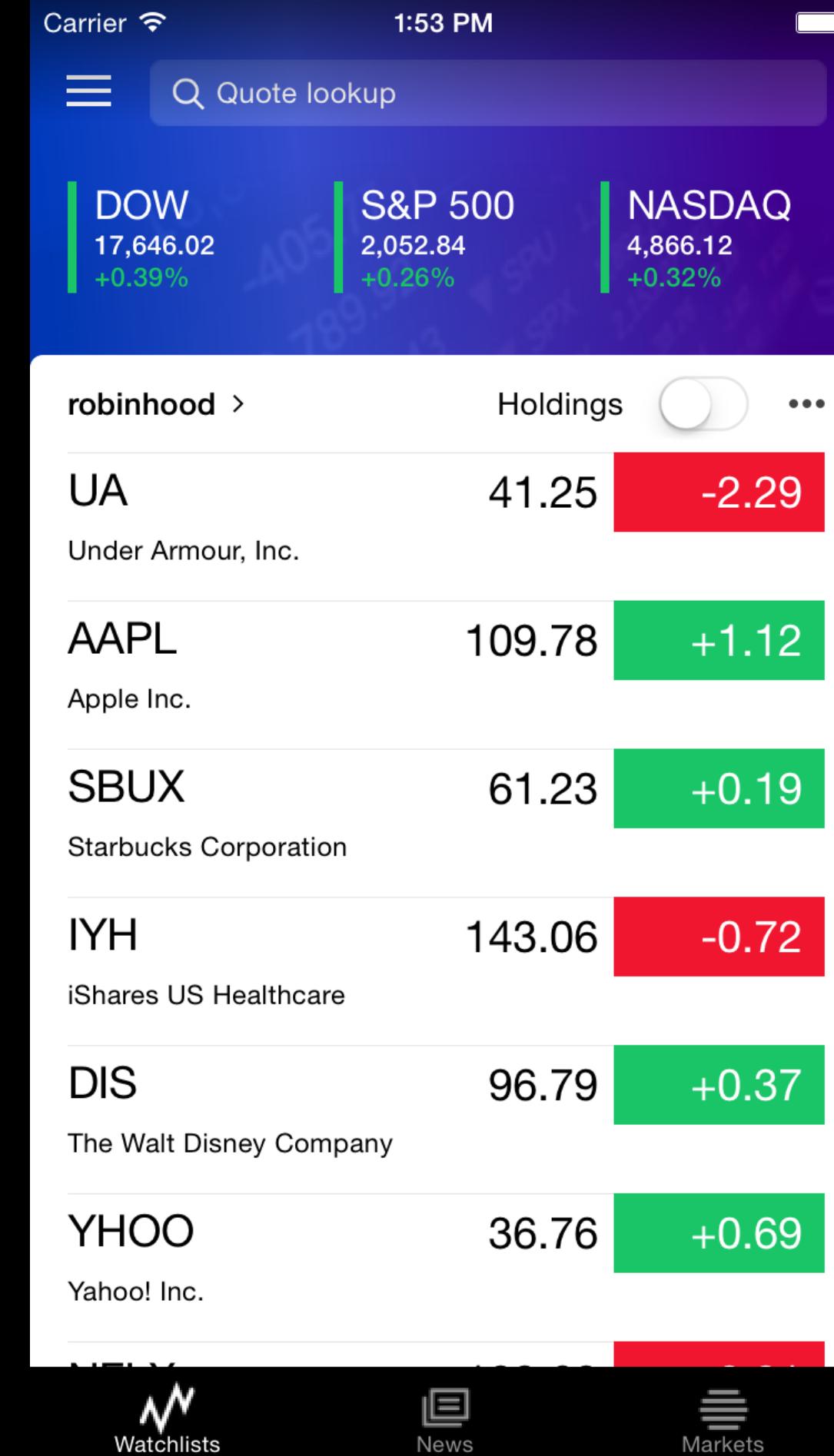
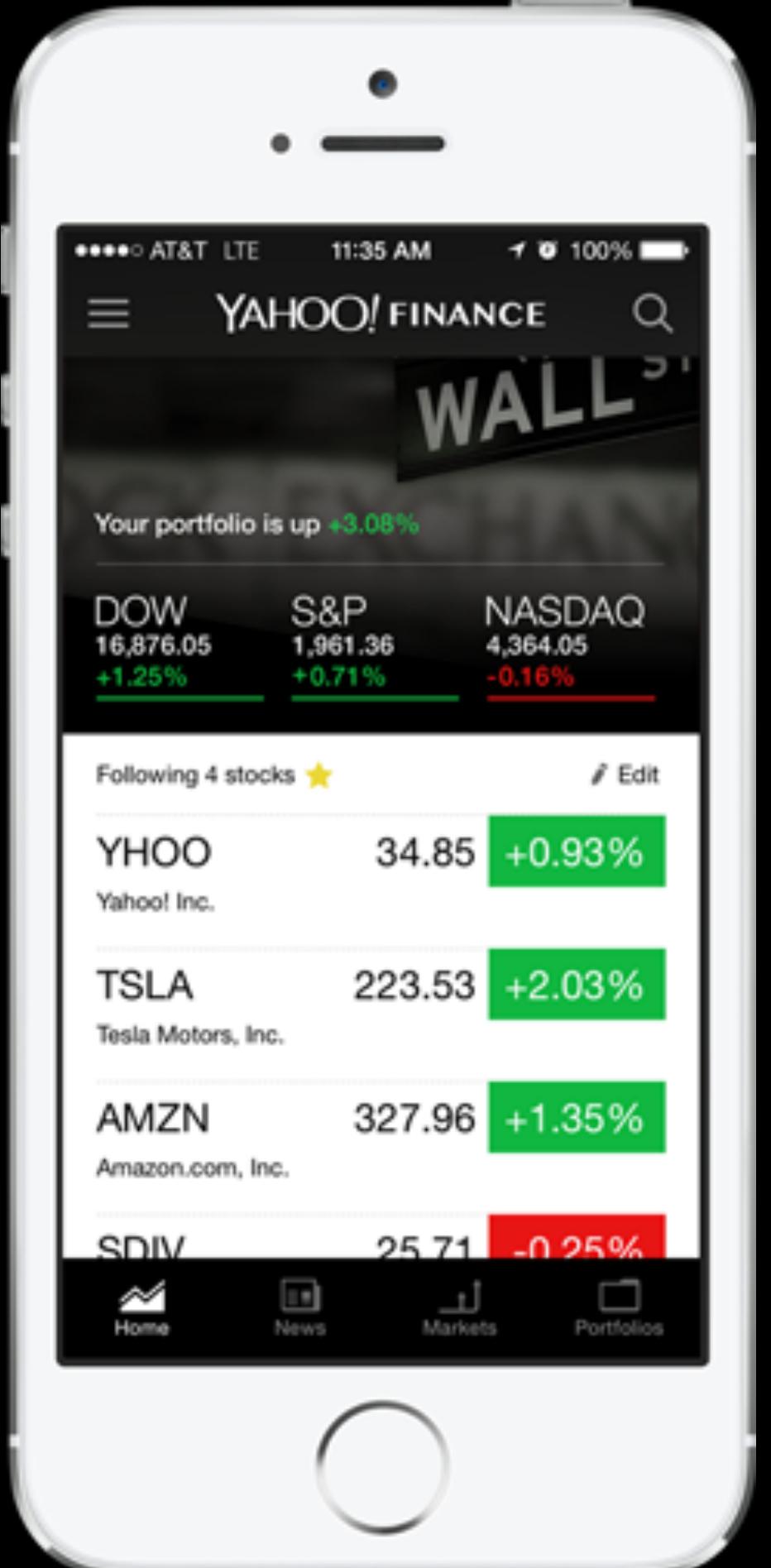


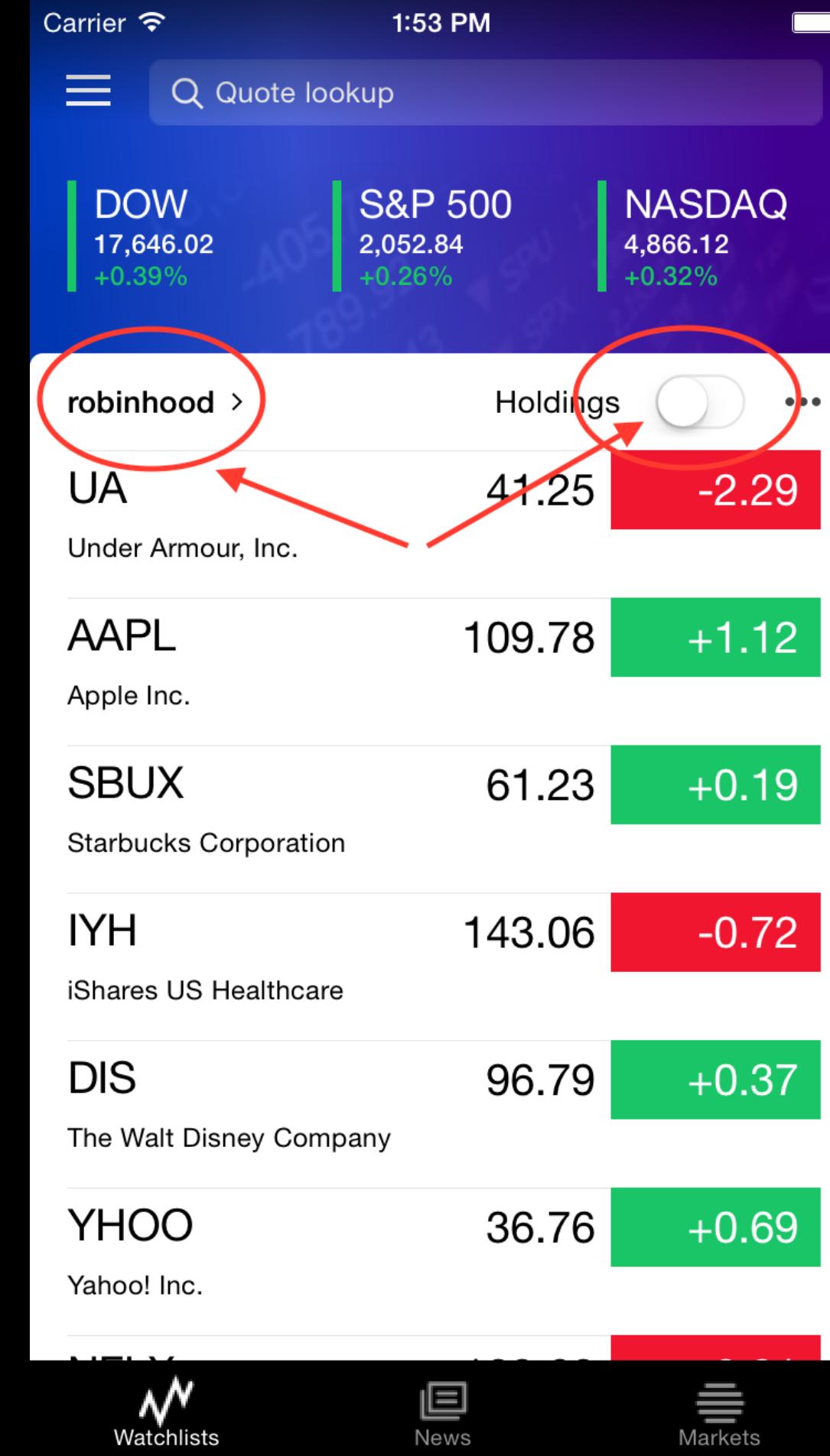
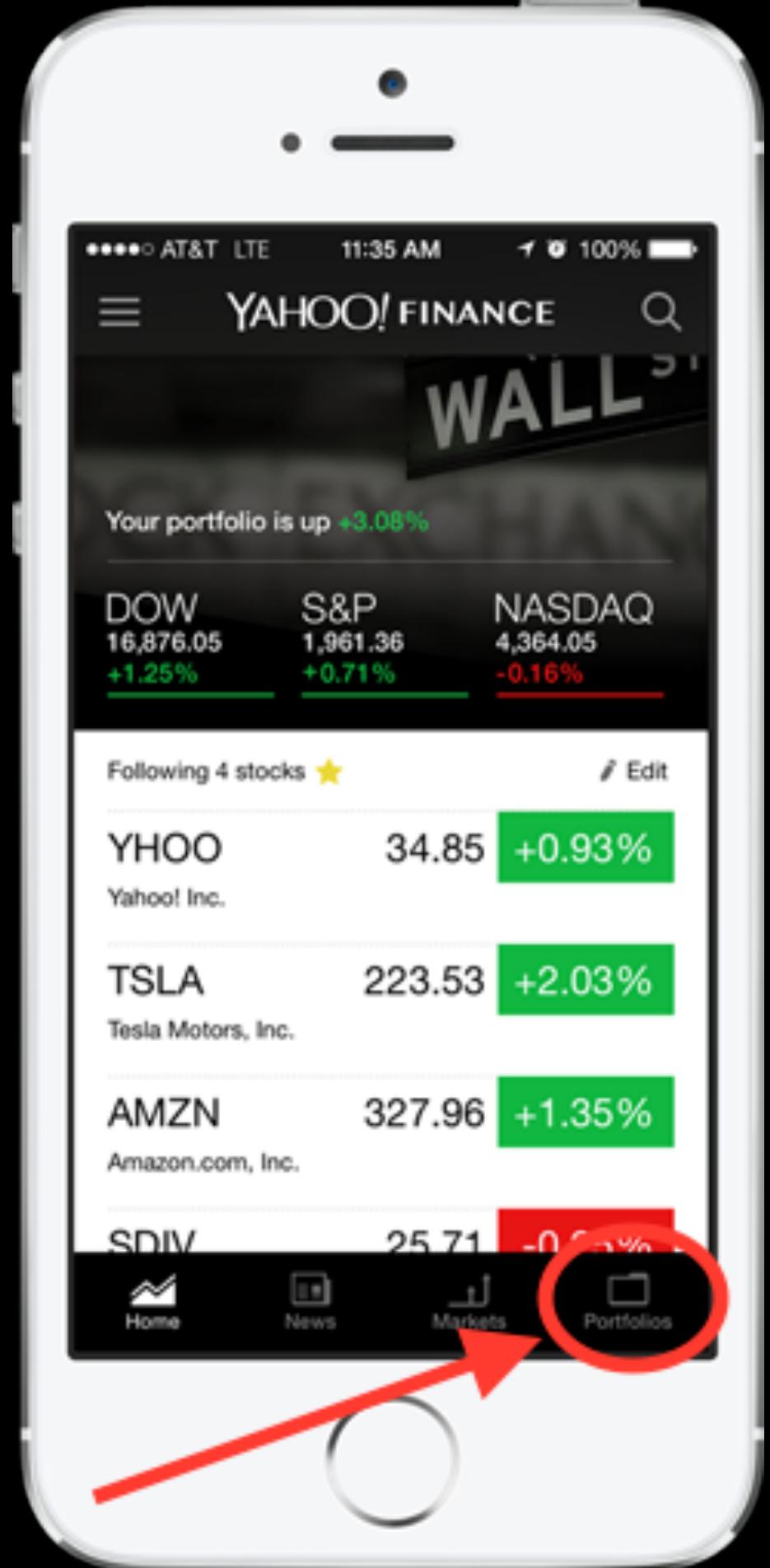
UNDERSTAND DEPENDENCIES

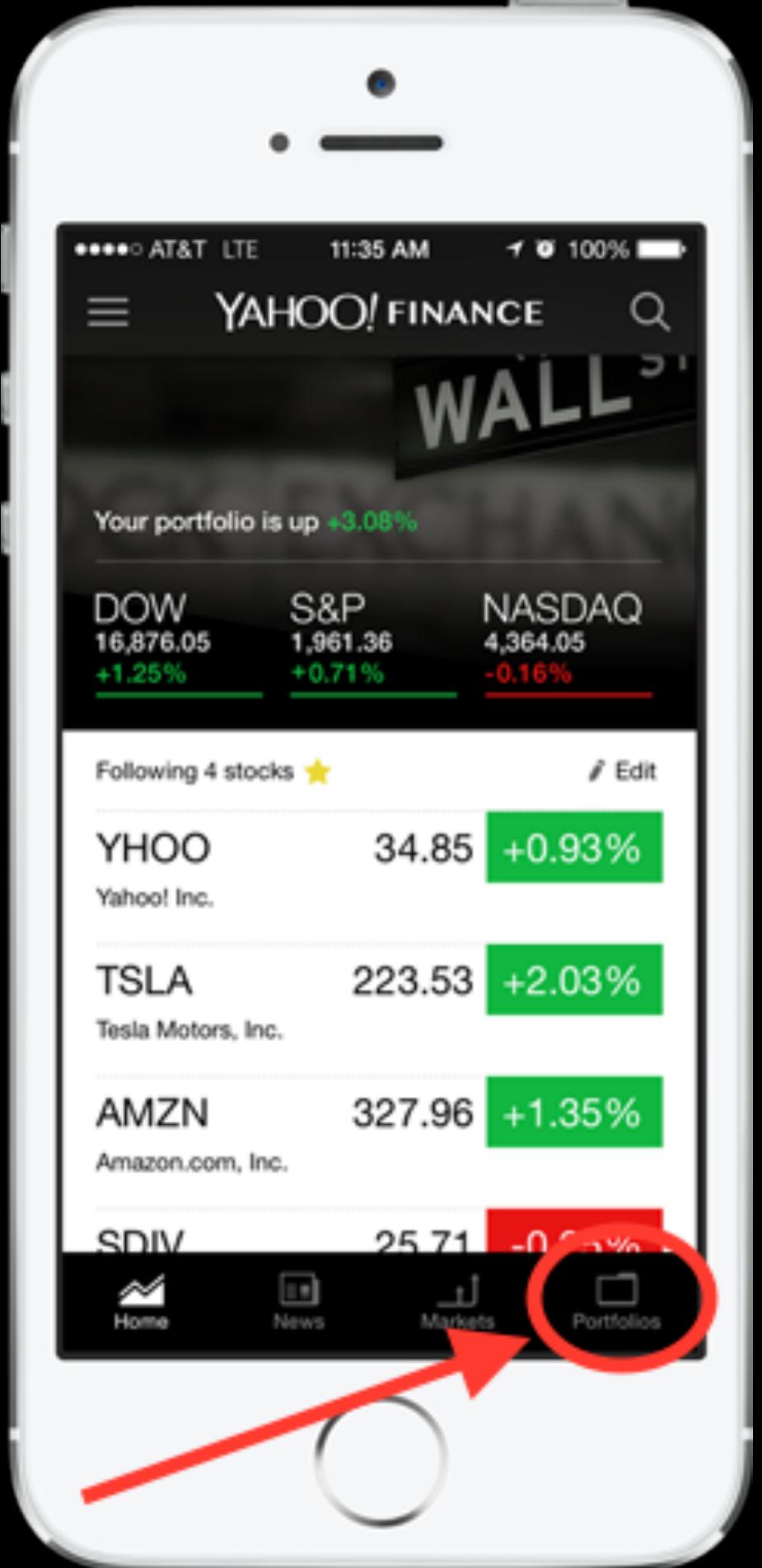


APPLE IS OUR BIGGEST DEPENDENCY

3: FINANCE 3.0.0 RELEASE







Carrier 1:55 PM

Q Quote lookup

DOW 17,646.02 +0.39% S&P 500 2,052.72 +0.25% NASDAQ 4,866.14 +0.32%

robinhood > Holdings ...

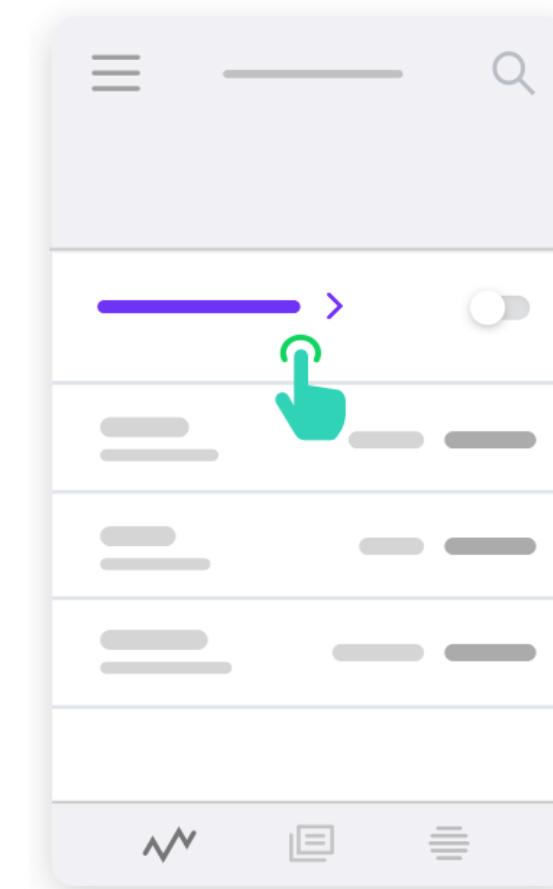
\$5,802.93

Day's Gain -9.87 (-0.17%)

Total Gain +504.43 (+10.40%)

Symbol	Shares	Day's Gain	Day's Gain
UA	Add	-	
Under Armo...			
AAPL	7	+7.56	+0.99%
Apple Inc.			
SBUX	7	+1.33	+0.31%
Starbucks C...			
IYH	4	-3.05	-0.53%
iShares US...			
DIS	1	+0.34	+0.35%
The Walt Dis...			

Watchlists News Markets



Where are my portfolios?

Your portfolios are now rolled into the Watchlists tab. Choose **All watchlists** for a summary of all your holdings.

OK, got it!

TECHNICALLY SOLID

LOWEST CRASH RATE / FASTEST COLD START

1000 ★ REVIEWS



★☆☆☆☆

[Worst improvement ever](#)

This should be rated a 0. With I'm not using this program now that new version has come. Whoever came up with the new version should be fired.

by [Dvfcsfcgn](#) for v3.0.0 · United States · [Permalink](#) · [Tweet](#)

Watchlist222 >

Holdings



Carrier 11:19 PM

YAHOO! FINANCE

DOW S&P 500 NASDAQ

16,391.99 1,917.78 4,504.43
-0.13% 0.00% +0.38%

Watchlist2222222 > Holdings

Portfolios have moved!

Tap here to access all your Portfolios and Watchlists in one place. You can add holdings to any list.

Got it!

Gold Feb 16

BRK-B 131.05 +0.19

Berkshire Hathaway Inc. Post: +0.05

^GSPC 1,917.78 -0.05

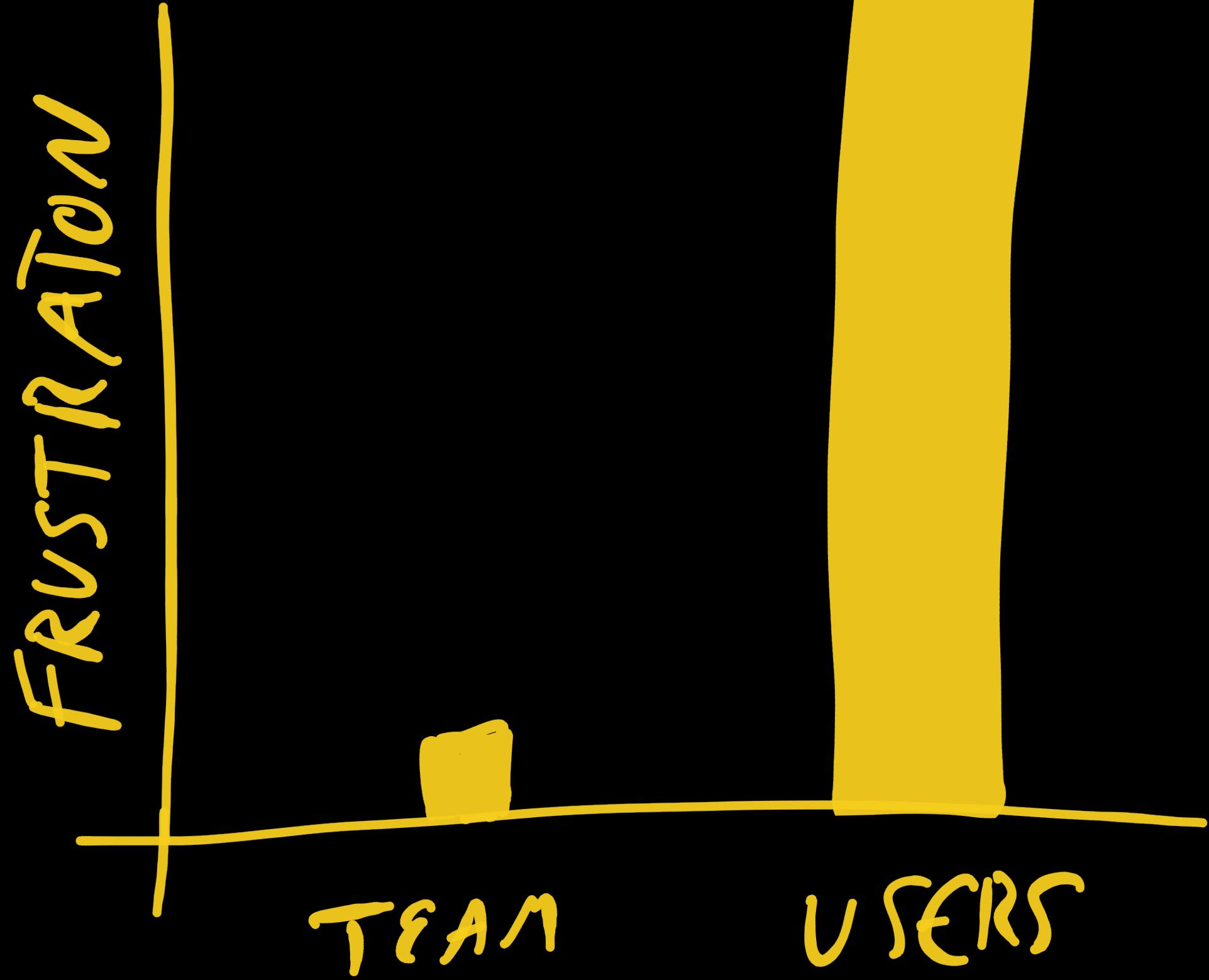
S&P 500

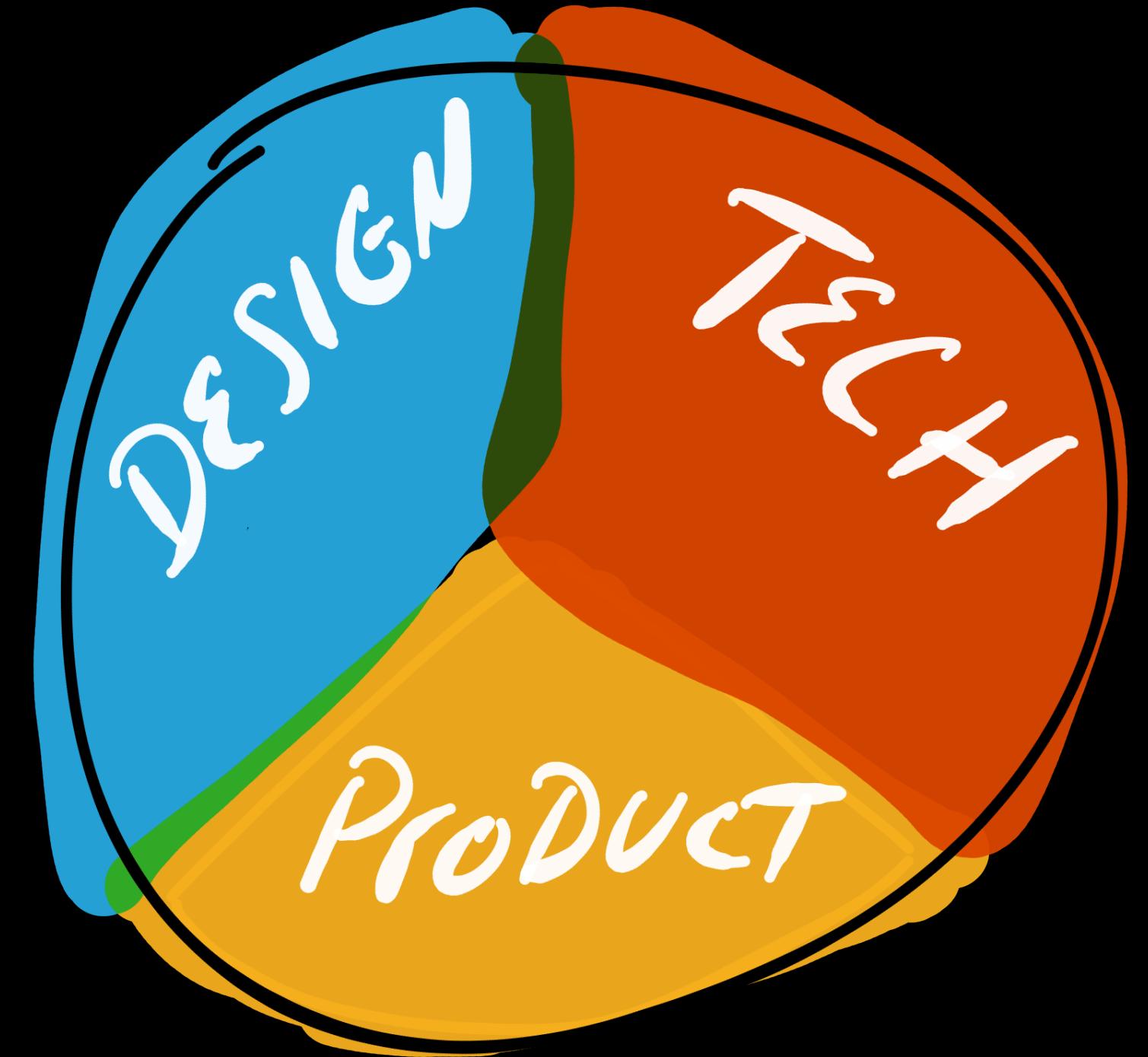
EURJPY=X 125.41 -

EUR/JPY

^IXIC 4,504.43 +16.80

Watchlists News Markets





FIXES:

- > BE AWARE OF MINOR FRUSTRATIONS FROM TEAM USERS
- > GET ALL THREE PARTS IN IMPORTANT MEETINGS/DECISIONS
- > DESIGN AND TECH BASICALLY DO PAIR CODING



WALL

DOW
16,391.99
-0.13%**S&P 500**
1,917.78
0.00%**NASDAQ**
4,504.43
+0.38%

Watchlist222222 >

Holdings **FITX**

0.01

+0.00

CREATIVE EDGE NUTRIT

AMZN

534.90

+9.90

Amazon.com, Inc.

GCG16.CMX

1,228.00

+1.90

Gold Feb 16

BRK-B

131.05

+0.19

Berkshire Hathaway Inc.

^GSPC

1,917.78

-0.05

S&P 500



Watchlists



News



Markets

WHY NO DATA?



WALL

DOW
16,391.99
~~-0.13%~~

S&P 500
1,917.78
~~0.00%~~

NASDAQ
4,504.43
~~+0.38%~~

Watchlist222222 >

Holdings

FITX

0.01 +0.00

CREATIVE EDGE NUTRIT

AMZN

534.90 +9.90

Amazon.com, Inc.

GCG16.CMX

1,228.00 +1.90

Gold Feb 16

BRK-B

131.05 +0.19

Berkshire Hathaway Inc.

^GSPC

1,917.78 -0.05

S&P 500



Watchlists



News



Markets

MARKET IS CLOSED ON HOLIDAYS

**ROBUSTNESS
UNDERSTAND DEPENDENCIES
LISTEN TO THE TEAM**

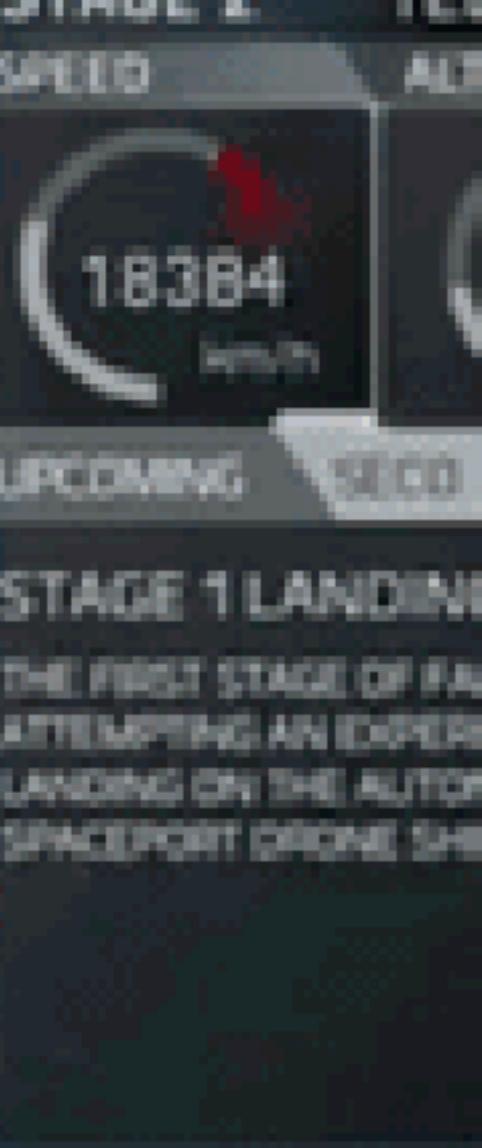
THE BIGGER LESSONS



A black and white photograph of a man in a fedora and suit holding cards, with a dog looking on.

I HAVE NO IDEA WHAT I'M
DOING

LEARNING FROM FAILS



THANKS!

