

It's People!

Code is made out of people!



Dom Davis
@idomdavis

HOW WAS THE PARTY?

TAAAALK!!!!ING

BLABLABLABLA

I TALKED SO MUCH.
TOO MUCH? PROBABLY.

MY FACE IS TIRED.



HOW WAS THE PARTY?

TAAAALK!!!!!!NG

BLABLABLABLA

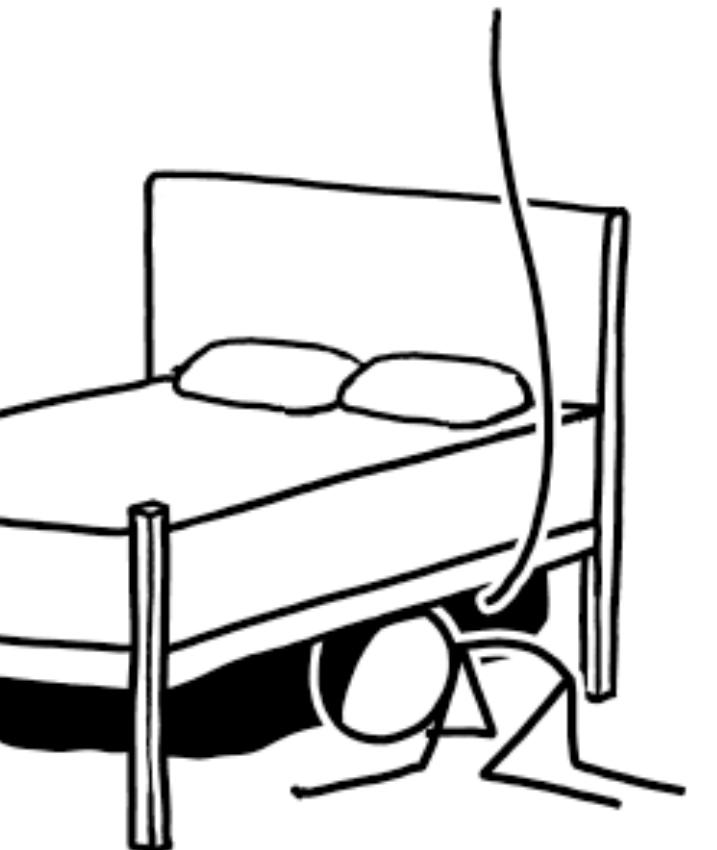
I TALKED SO MUCH.
TOO MUCH? PROBABLY.
MY FACE IS TIRED.



SO MANY CONVERSATIONS.

I'M WORRIED THAT ALL MY
OPINIONS WERE BAD. WHY
DID I TALK SO MUCH?

TIME TO HIDE UNDER MY
BED AND NEVER SPEAK TO
ANOTHER HUMAN AGAIN.



HOW WAS THE PARTY?

TAAAALK!!!!ING

BLABLABLABLA

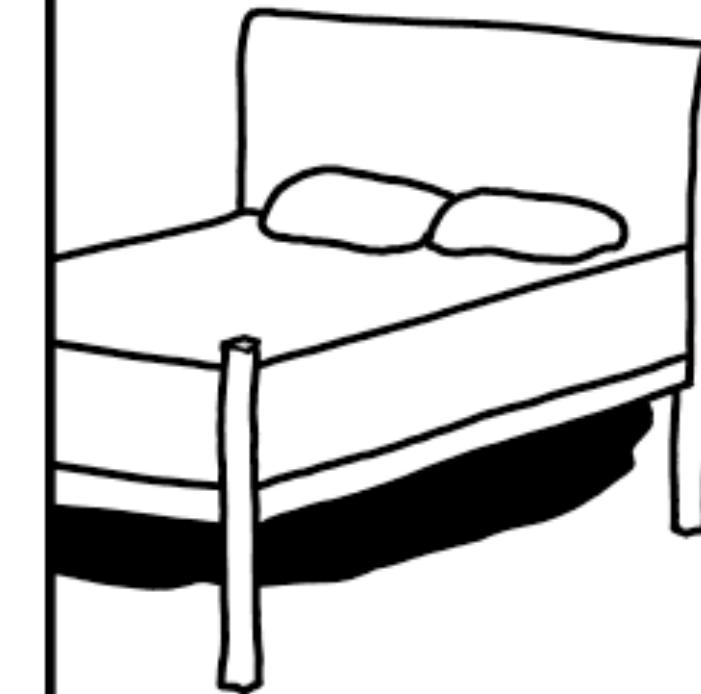
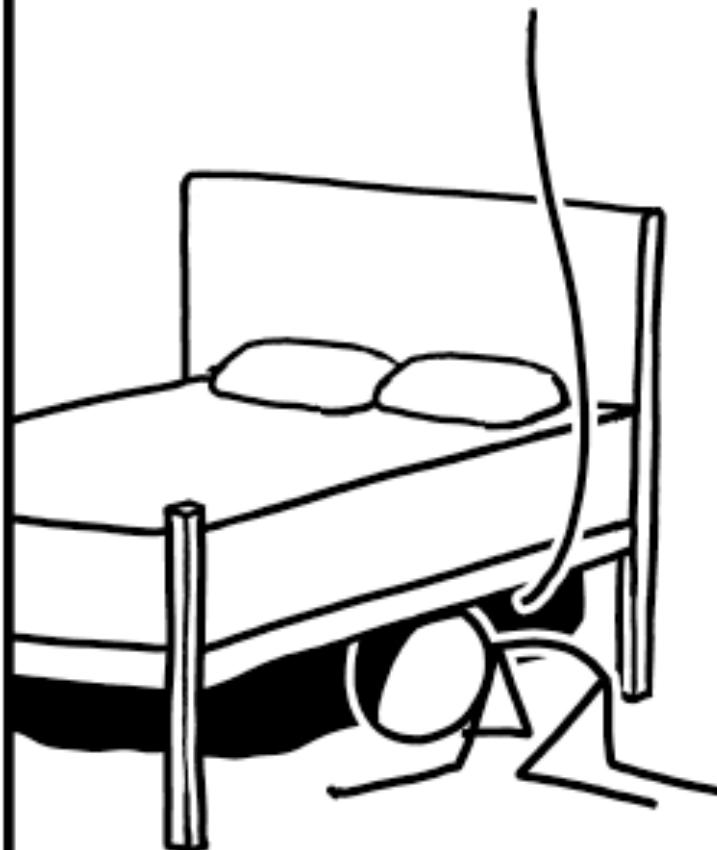
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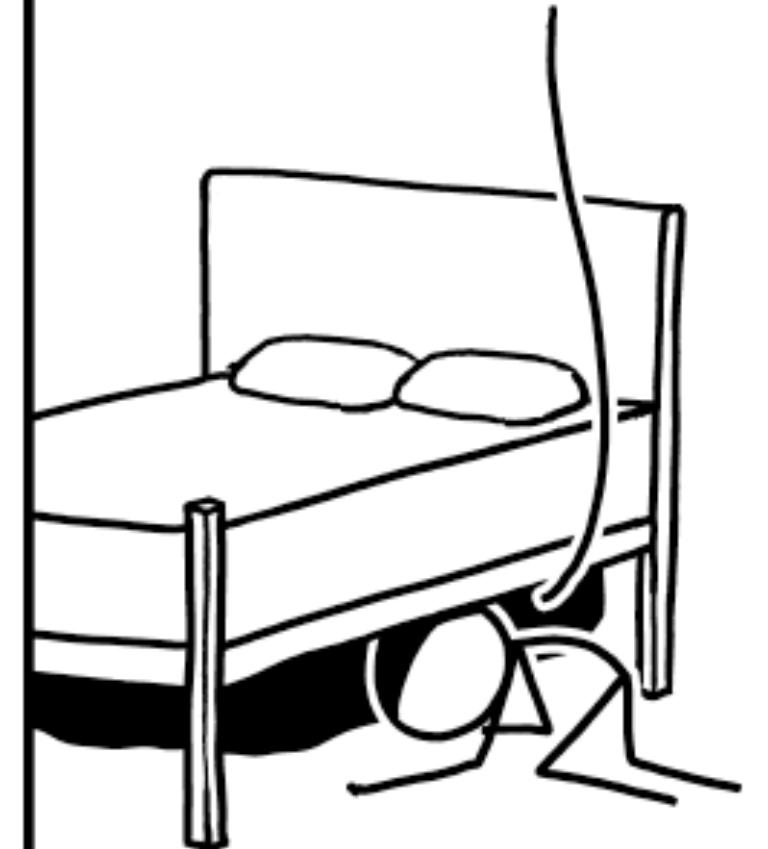
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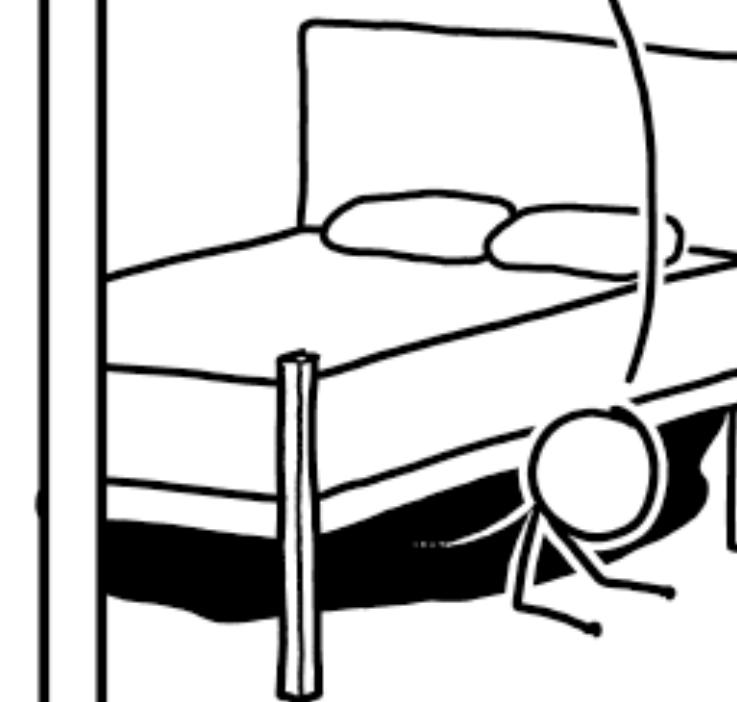
TIME TO HIDE UNDER MY
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FIVE MINUTES LATER...

I HAVE SOME
NEW OPINIONS.

THAT DIDN'T
TAKE LONG.



HOW WAS THE PARTY?

TAAAALK!!!!!!NG

BLABLABLABLA

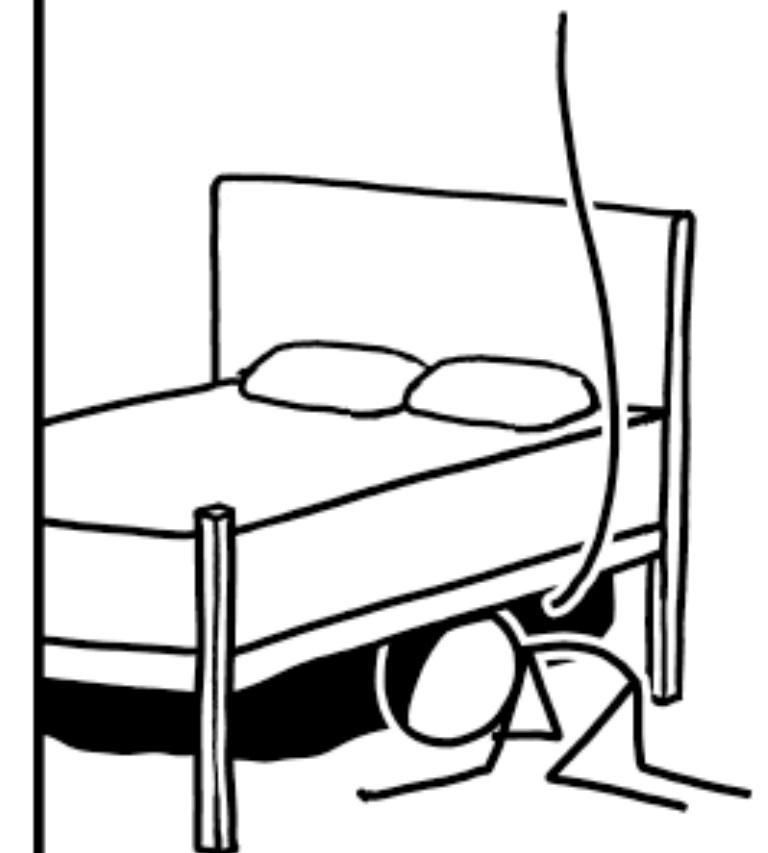
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SO MANY CONVERSATIONS.

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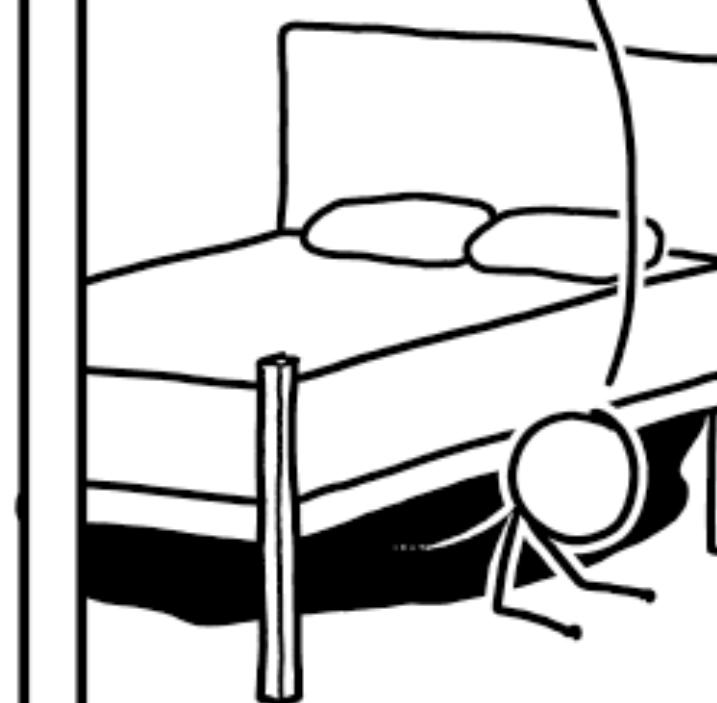
TIME TO HIDE UNDER MY
BED AND NEVER SPEAK TO
ANOTHER HUMAN AGAIN.



FIVE MINUTES LATER...

I HAVE SOME
NEW OPINIONS.

THAT DIDN'T
TAKE LONG.



Next time I go, I'm going to prepare a whole bunch of opinions that I'm sure are good, and make everyone sit quietly while I run through them.

```
func giveTalk(offset int) {
    if offset != 0 {
        offset = wingIt(offset)
    }

    if offset, err := preparedTalk(offset); err != nil {
        giveTalk(offset)
    }
}
```

```
func giveTalk(offset int) {
    defer func() {
        if r := recover(); r != nil {
            giveTalk(offset)
        }
    }()
}

if offset != 0 {
    offset = wingIt(offset)
}

if offset, err := preparedTalk(offset); err != nil {
    giveTalk(offset)
}
}
```

SADLINES



Here lies Dom Davis
1975 - ErrInt32Overflow

"He delivered the smallest amount of sad"

SADLINES



Here lies Dom's Talk
timer.Start - timer.End

"It was OK I guess."



CVC

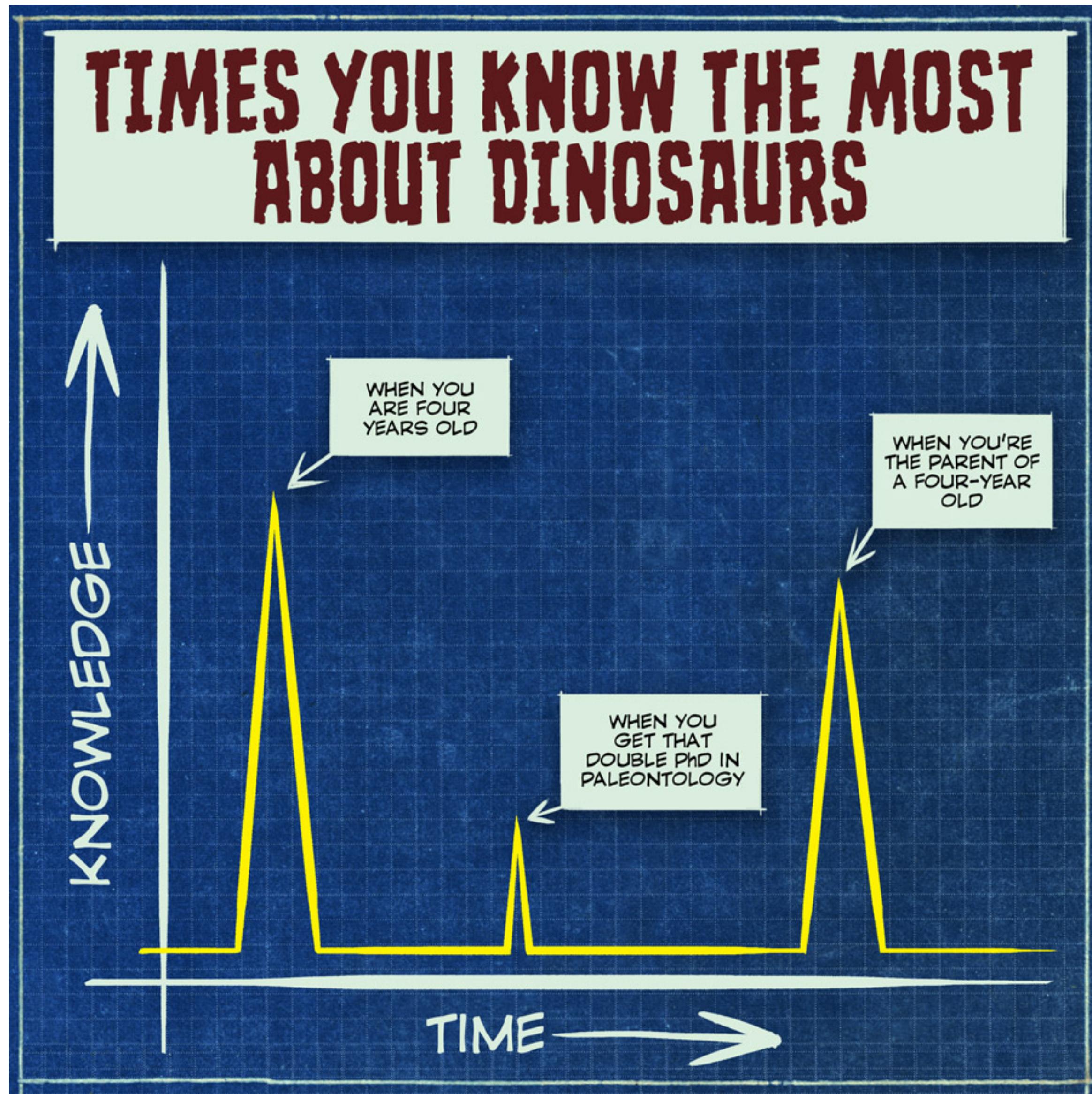
```
func wingIt(offset int) int {
    stuff, _ := ioutil.ReadFile("brain.dat")
    start := rand.Intn(len(stuff))
    end := start + rand.Intn(1000)

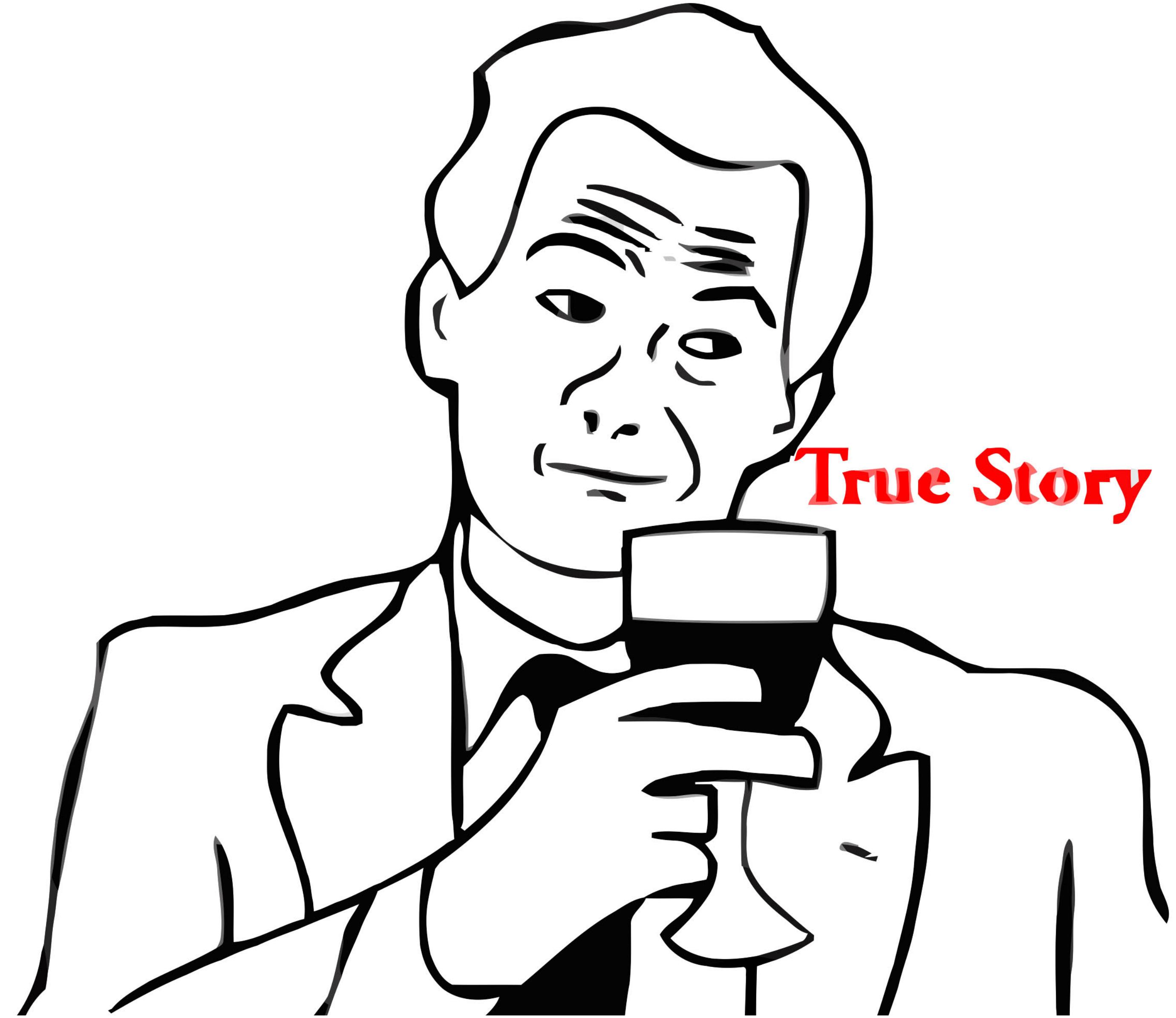
    if end > len(stuff) {
        end = len(stuff)
    }

    ramble(stuff[start:end-1])
    return offset+(end-start)
}
```









True Story

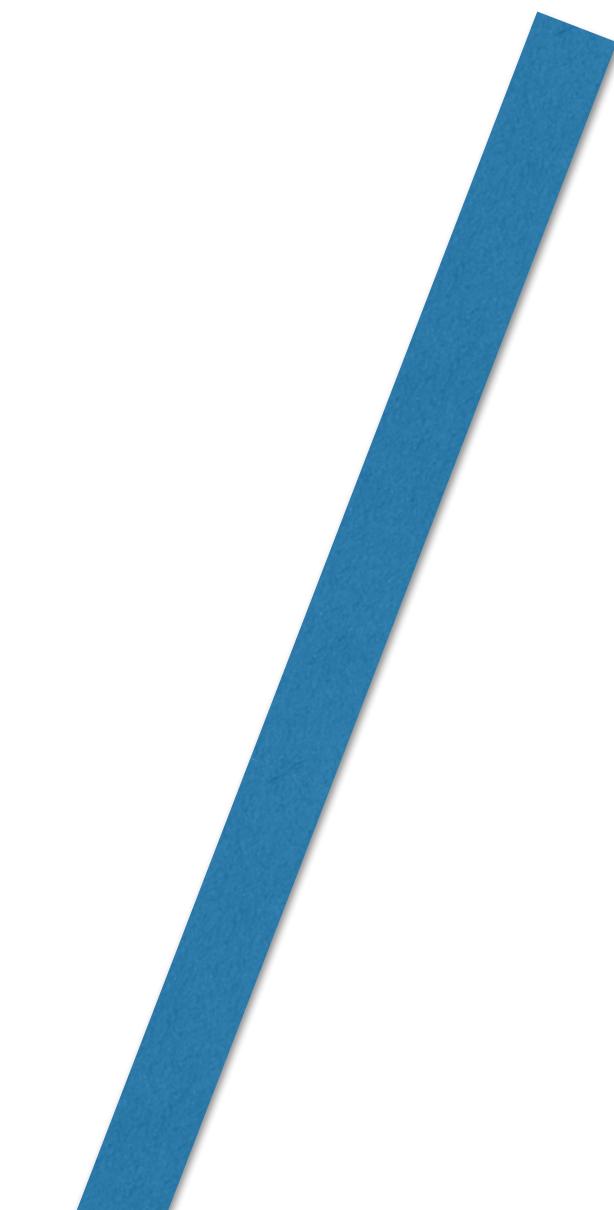
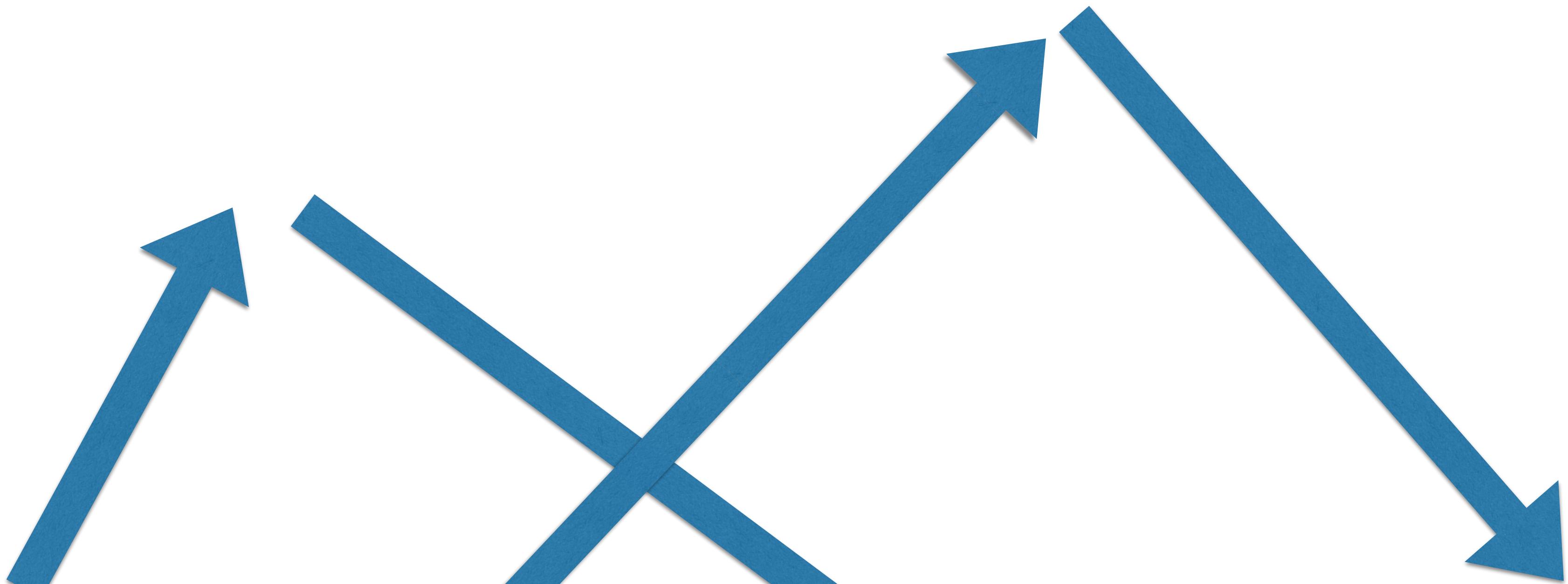




Start

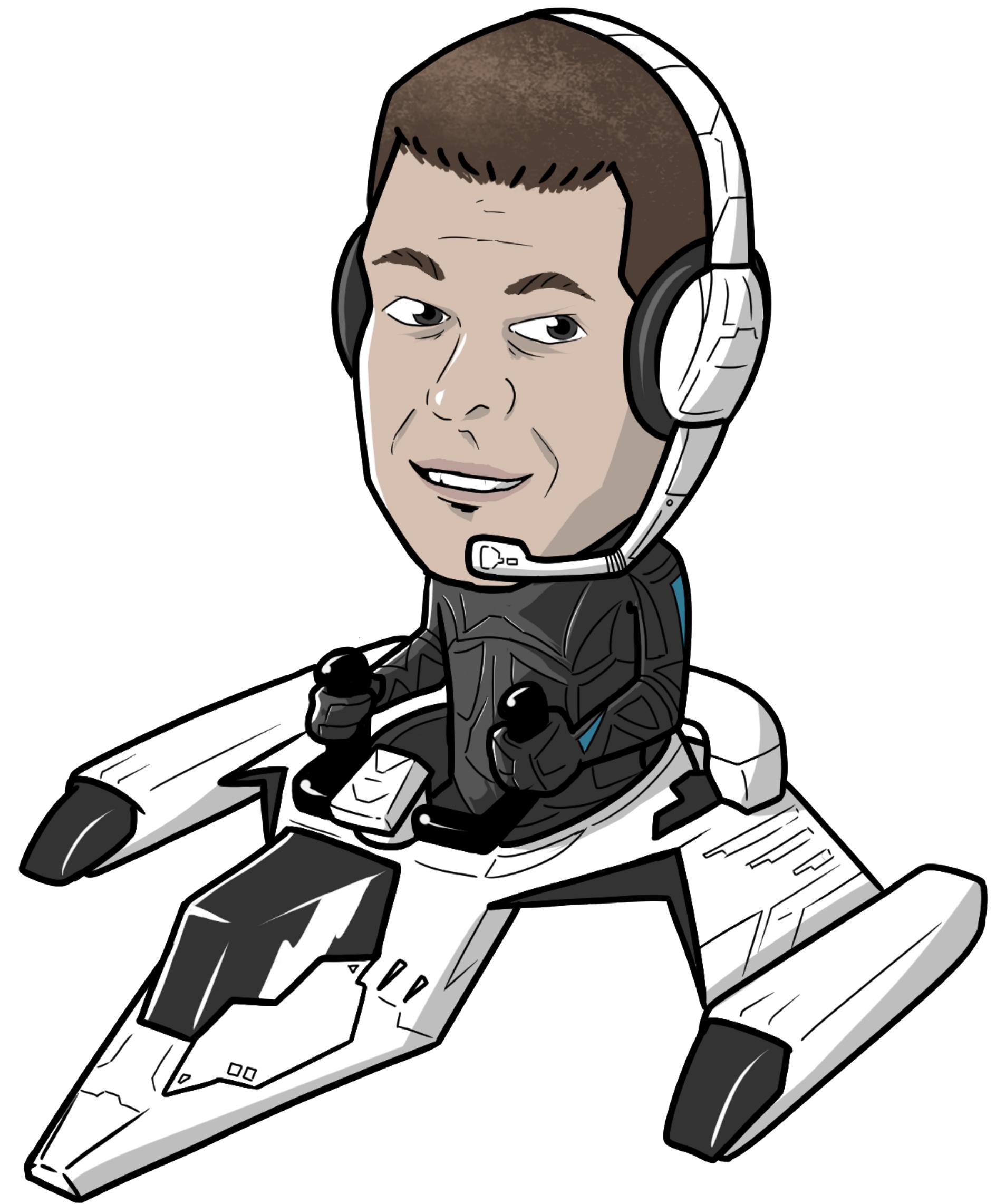


Slide 2



Dom Davis
@idomdavis
about.me/idomdavis









How the customer explained it



How the Project Leader understood it



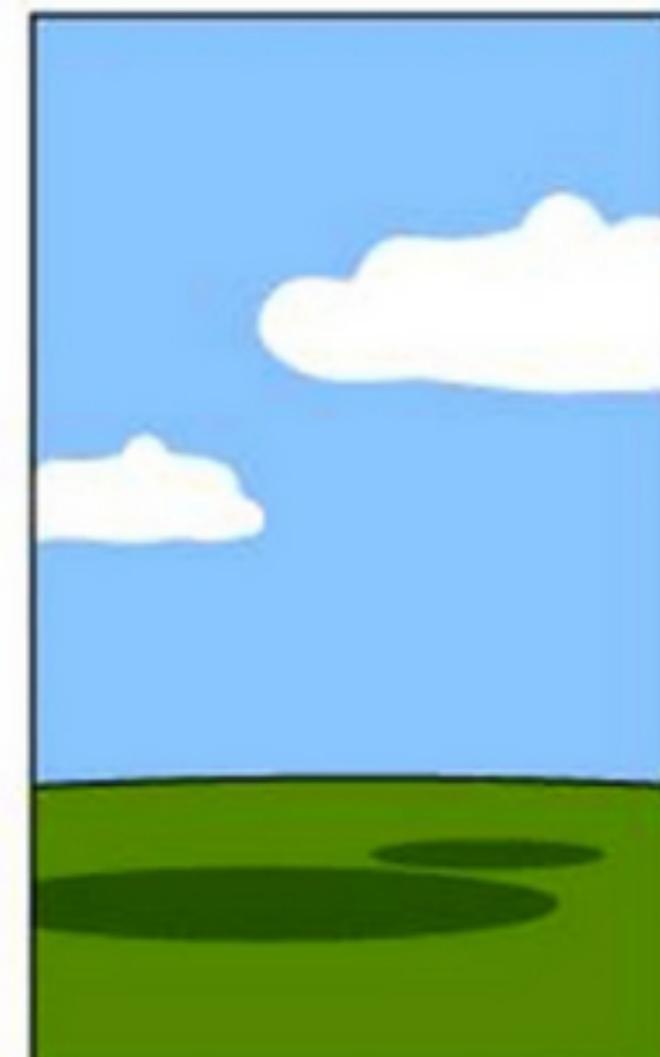
How the Analyst designed it



How the Programmer wrote it



How the Business Consultant described it



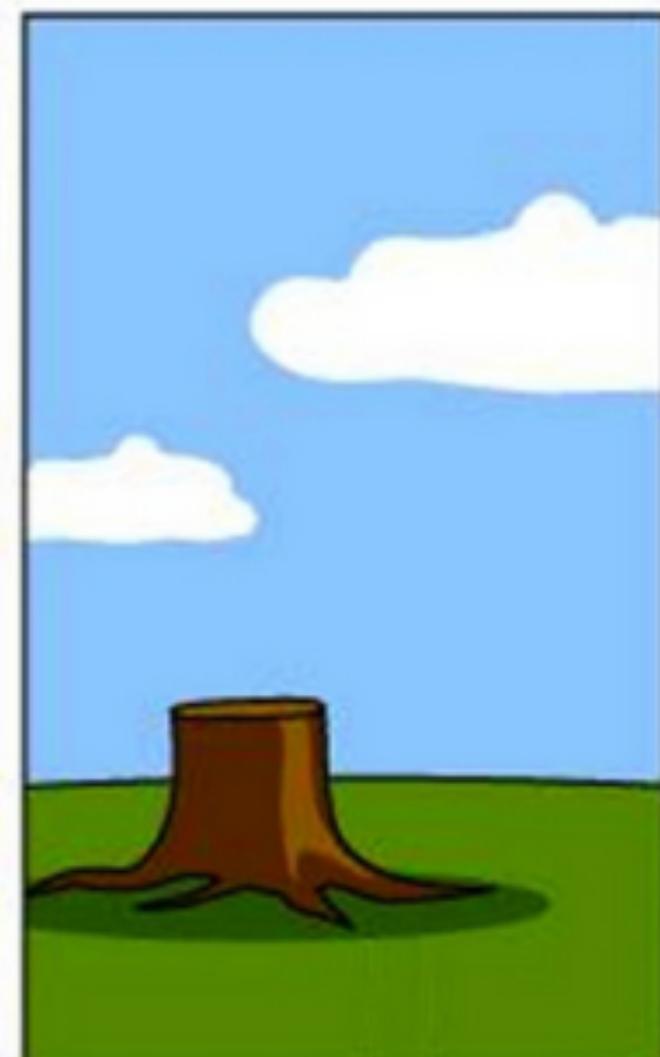
How the project was documented



What operations installed



How the customer was billed



How it was supported



What the customer really needed

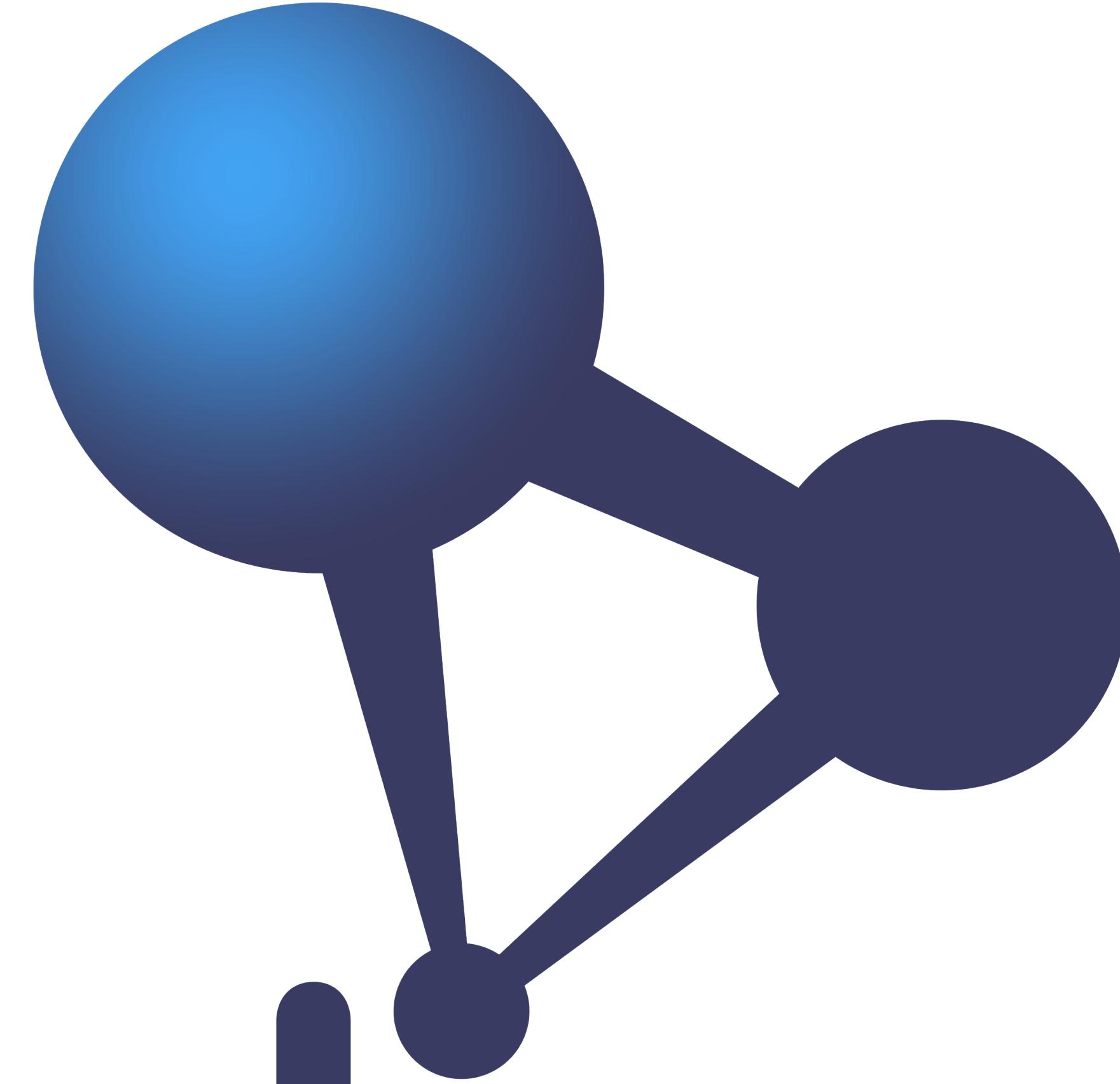
This is Andy.

Andy knows nothing about code.

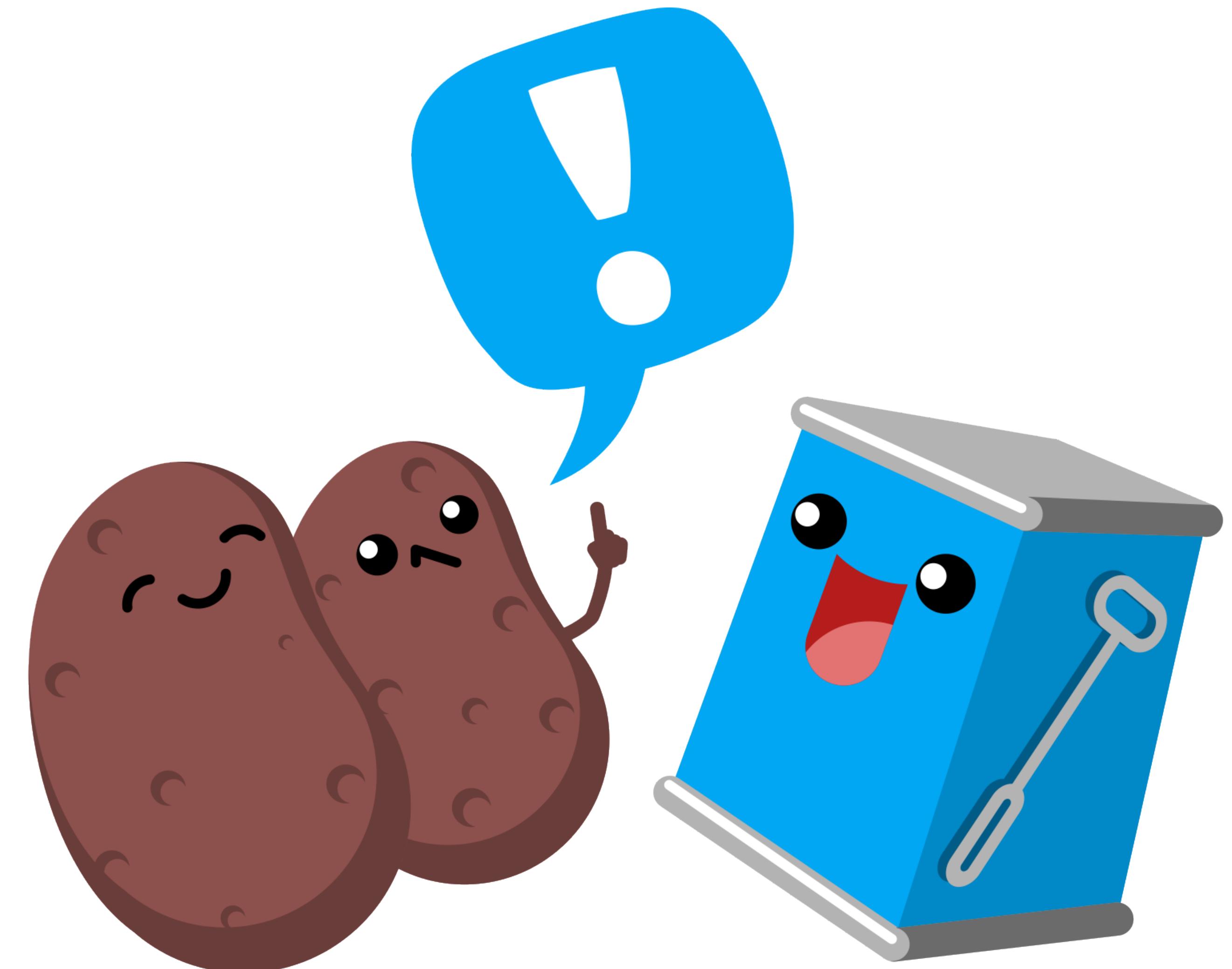
Code scares Andy.



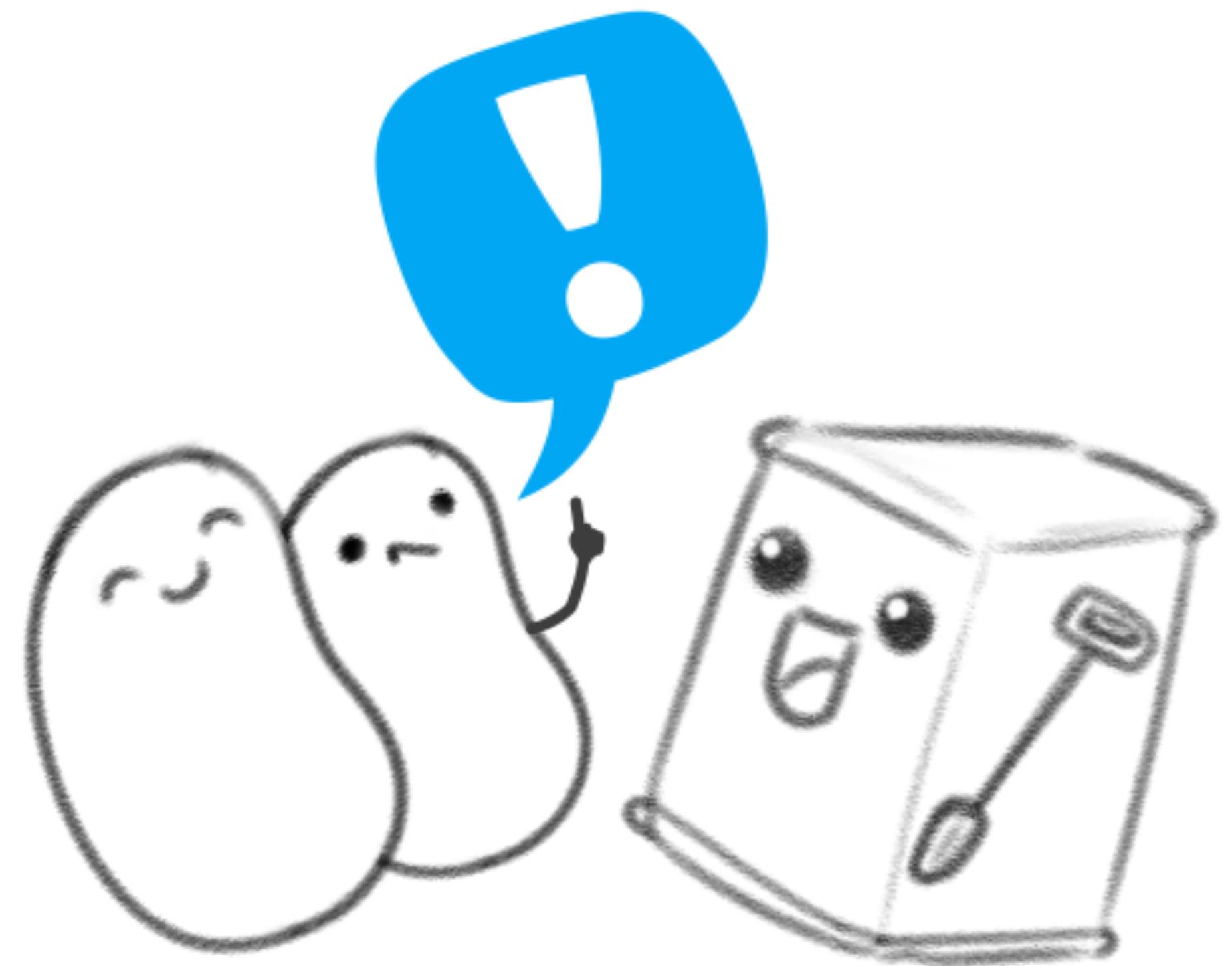
mycelium







! D E A R O H D A E D A R C D A D E C D A D A



7325EA5942BA624A963I8DDF528AFB6I

Hi Andy [... I'd] like to commission you for some images to be used in talks:

Hi Andy [... I'd] like to commission you for some images to be used in talks:

[Firstly the] elephant in the room. Ideally done in such a way that the elephant aspect could be used stand alone, so we have both “the elephant in the room” and “an elephant I’d like to talk about”







< Timeline Detail ↑

LIVE Subtitles

PRIME MINISTER'S QUESTIONS

Theresa May
Prime Minister

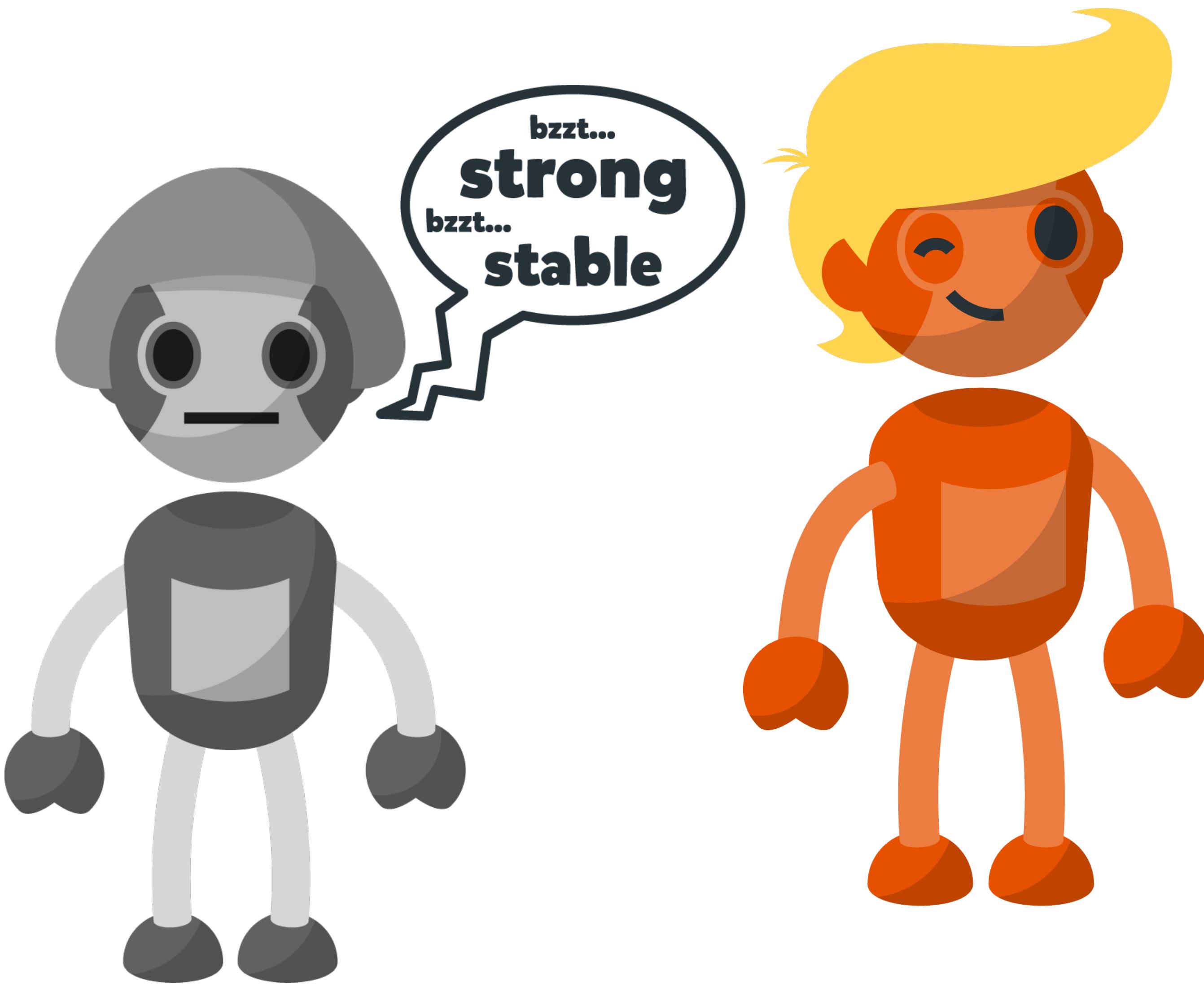
BBC PARLIAMENT 20 FEB HOUSE OF COMMONS

 **Hannah Al-Othman** @HannahAlOthman
Live footage of #PMQs pic.twitter.com/X0nkDoZTbh

  Russel Winder

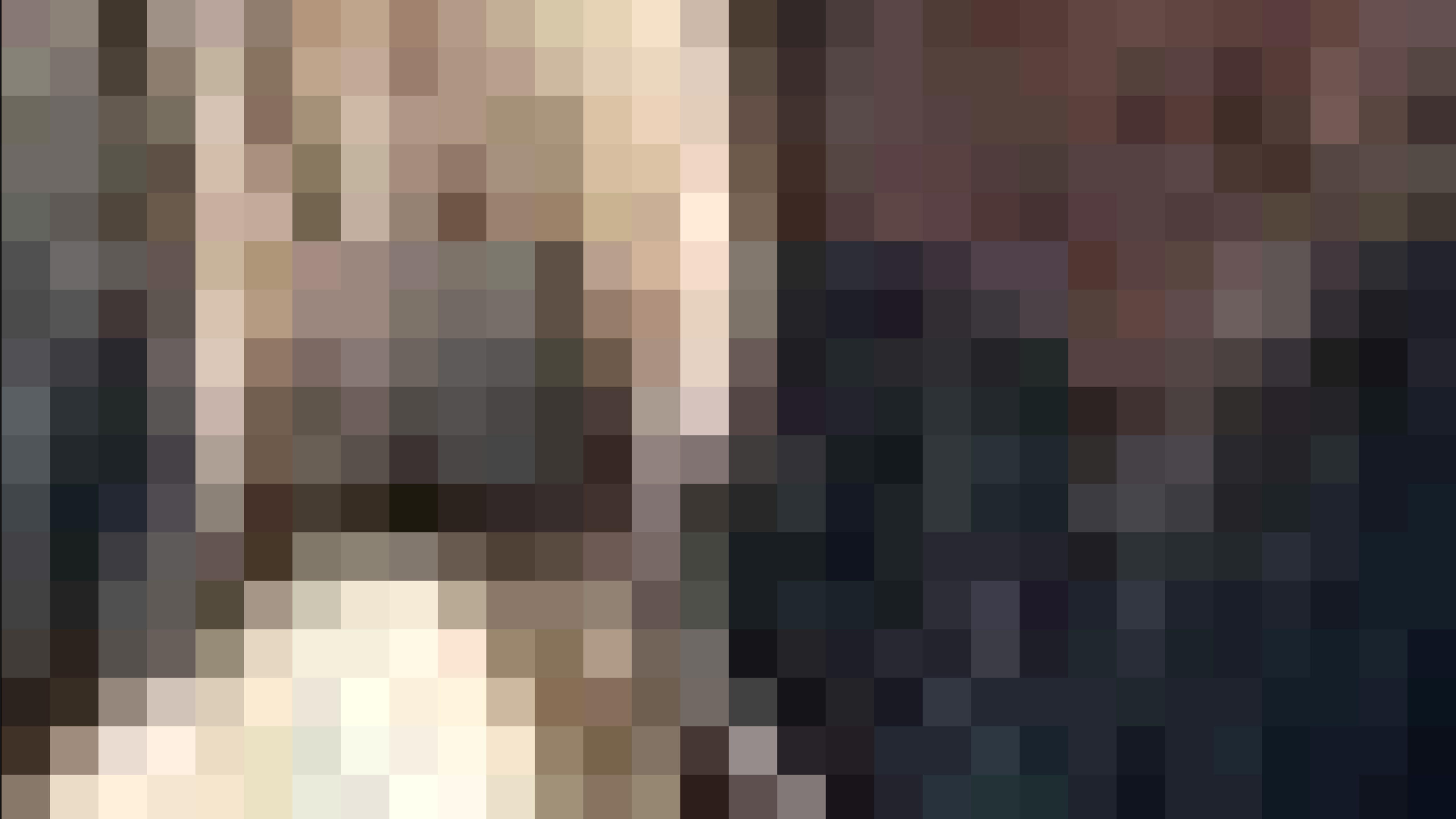
3,081 Likes 720 Retweets

20/02/2019 at 12:34 via Twitter for iPhone





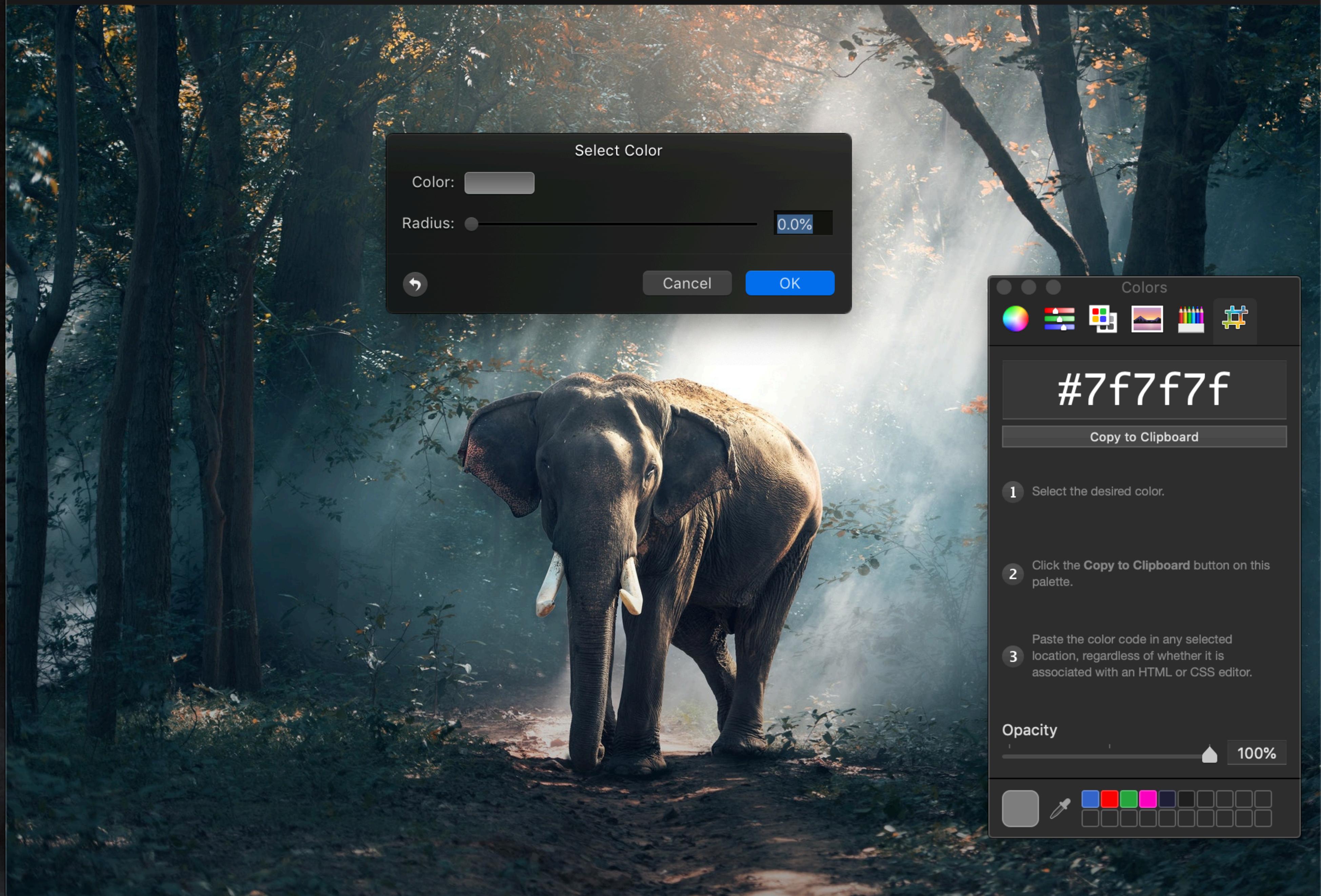


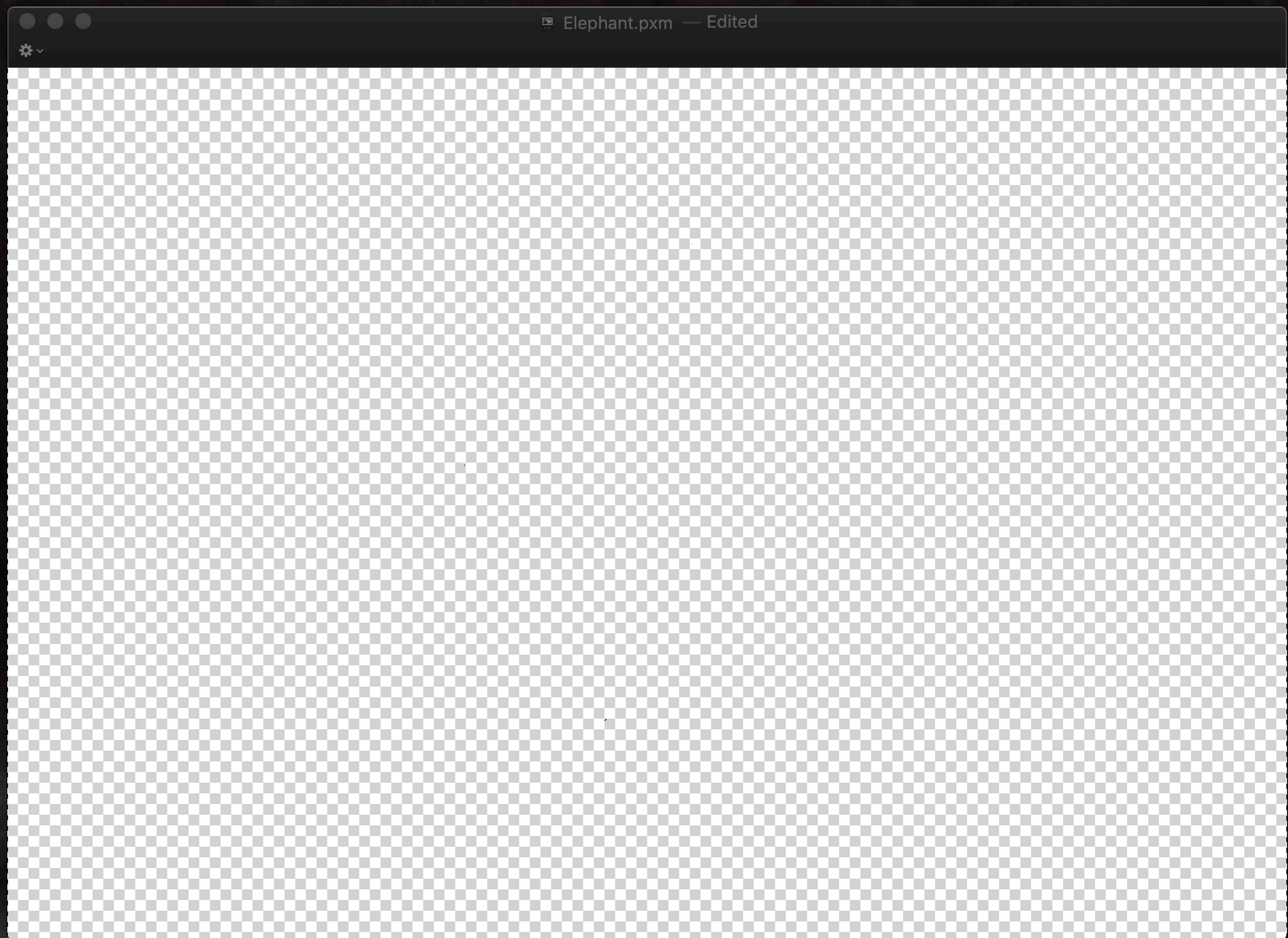


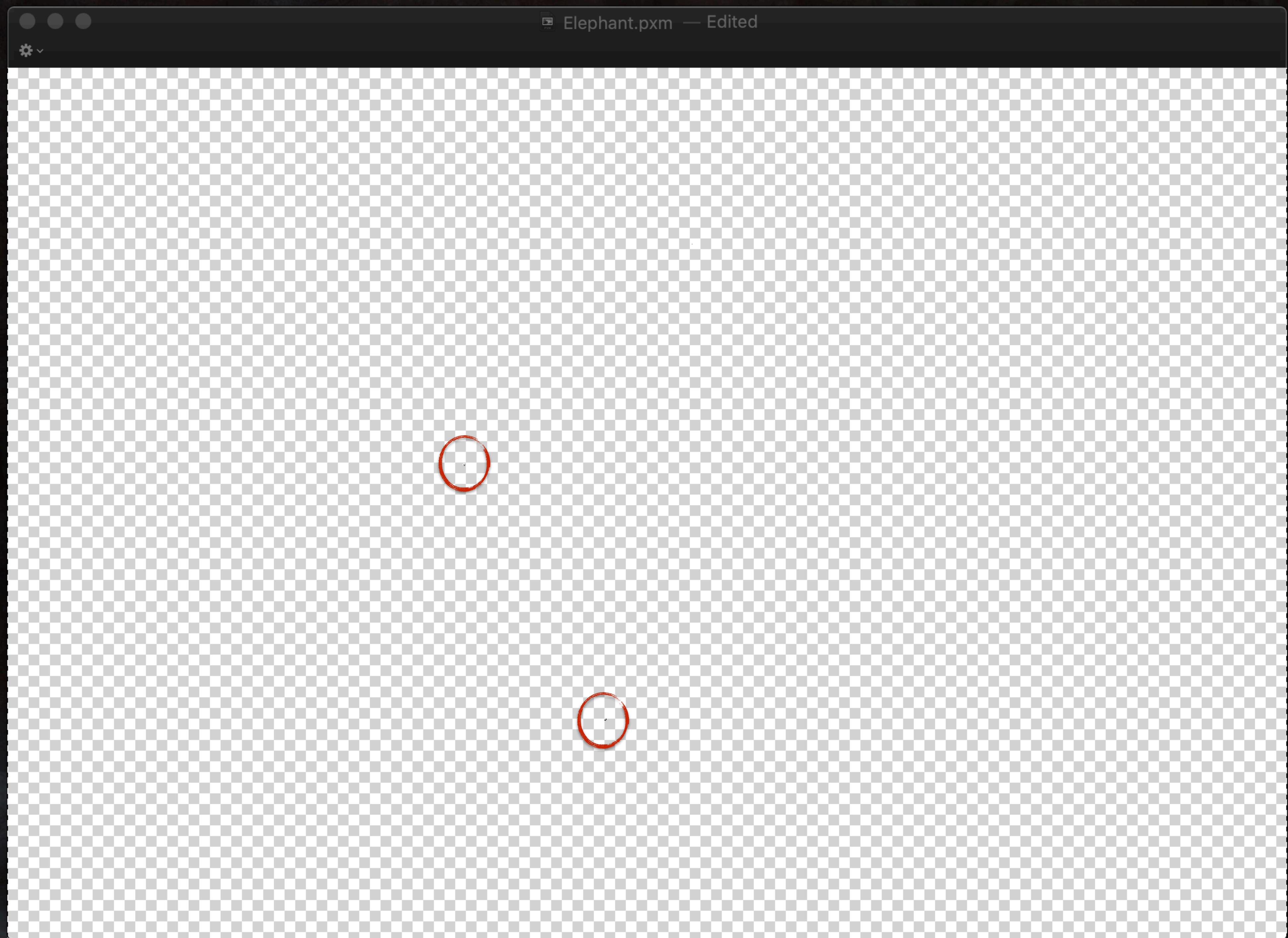
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#FFFFFF

0, 0, 0
#000000

127, 127, 127
#7F7F7F







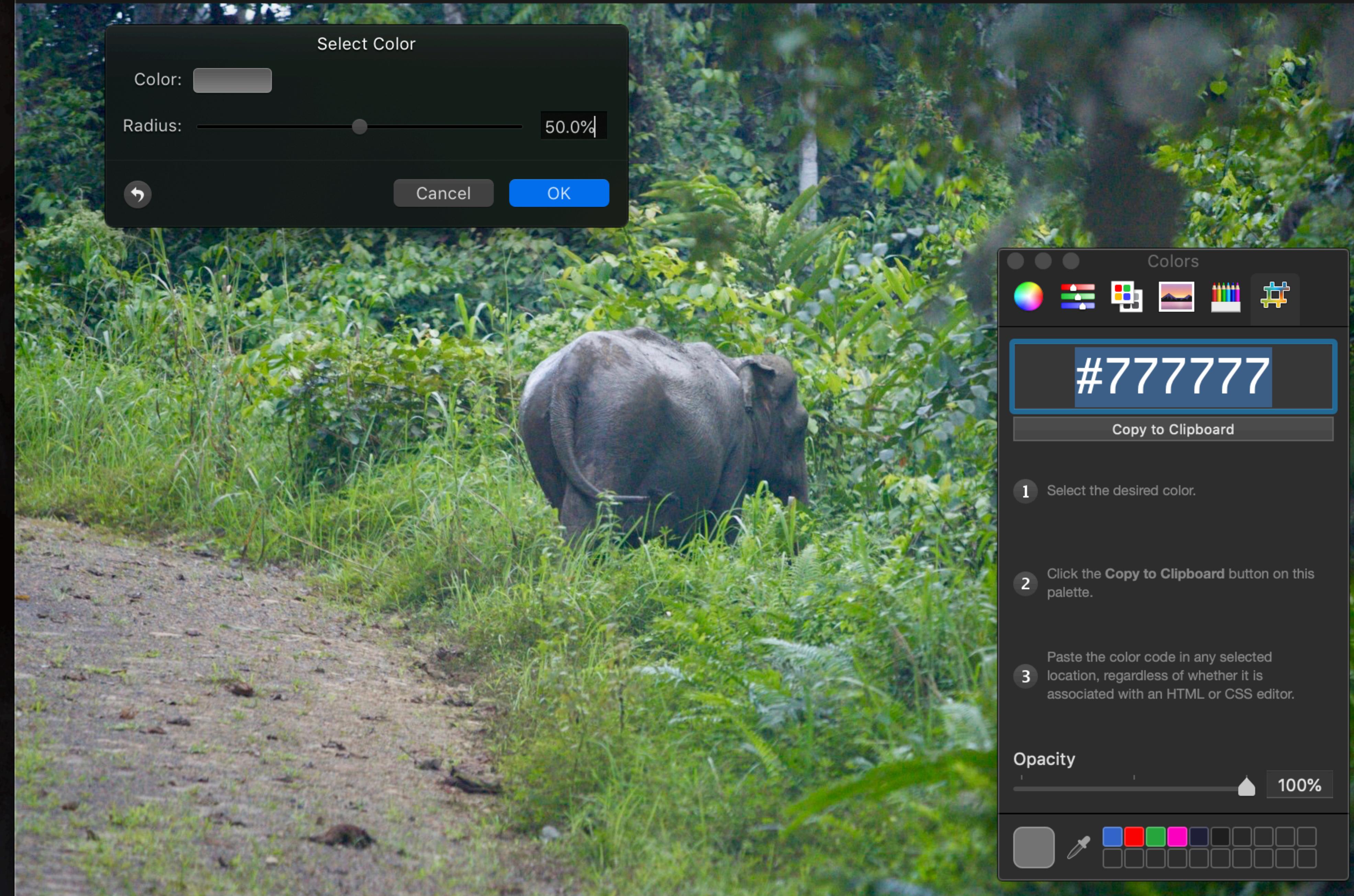




119, 119, 119
#777777







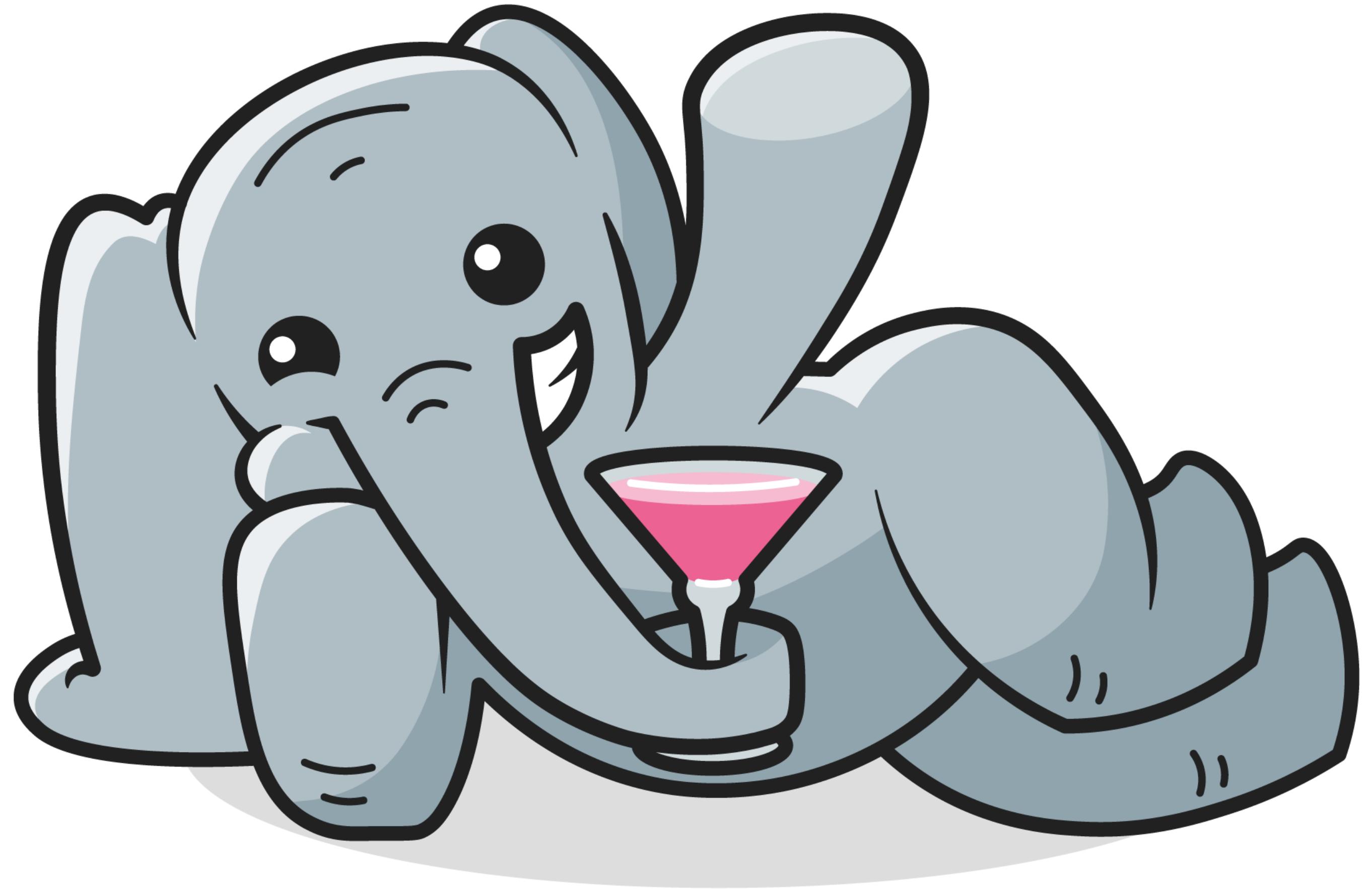












GUYS

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long hair



attractive



cute



curly hair



skinny



short hair



blonde hair



bad



silver hair



prom

>



The Official Try Guys Merch...
tryguys.com



Dating Tips for Shy Guys: Own (Do...
zoosk.com



The Official Try Guys Merch...
tryguys.com



11 types of guys that every...
ootdmagazine.com



Meet the 28 guys vying for ...
abc15.com



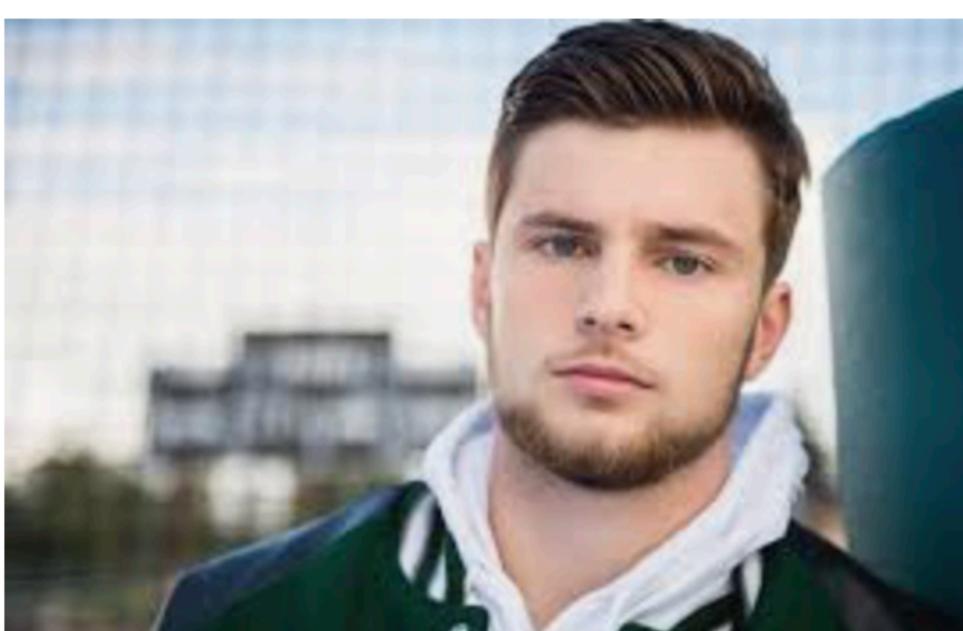
Five Guys assault case: T...
burlingtonfreepress.com



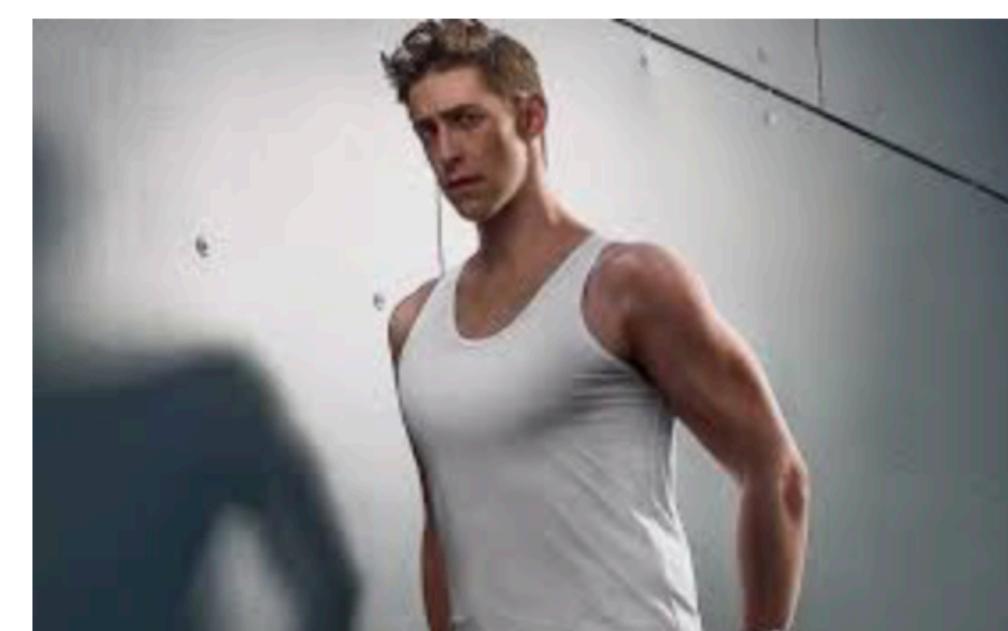
8 Reasons Why Guys Get ...
pandagossips.com



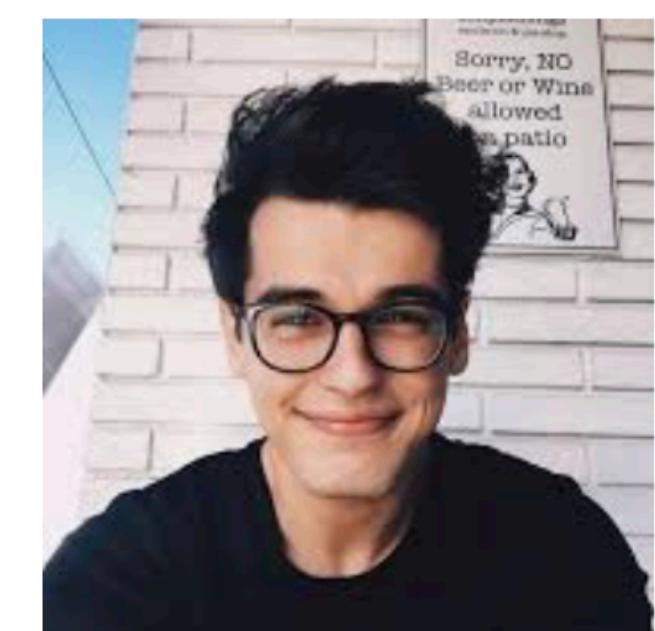
Christian Guys (@whitegirlpro...
twitter.com



SENIOR GUYS — Mary Vance Photography
maryvance.com



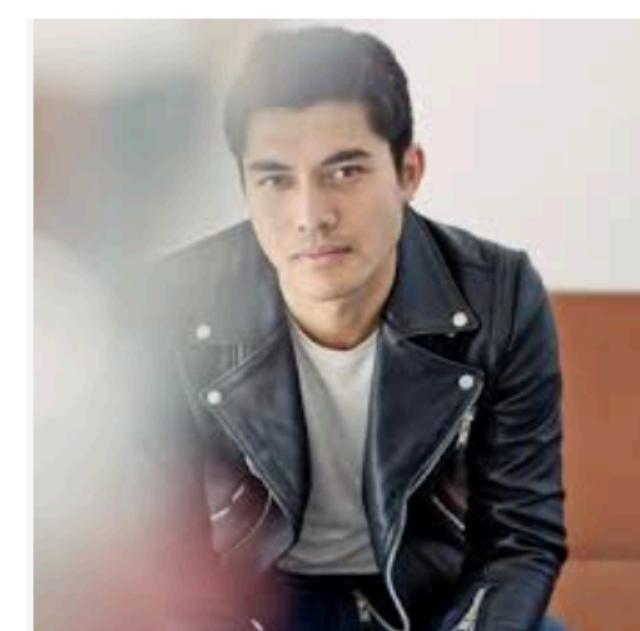
Regular Guys Get Photoshopped With Men ...
queerty.com



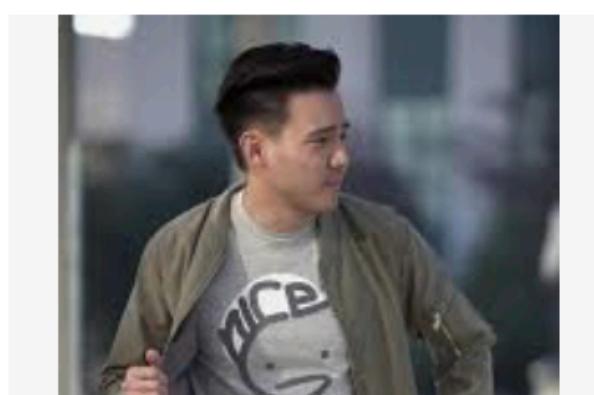
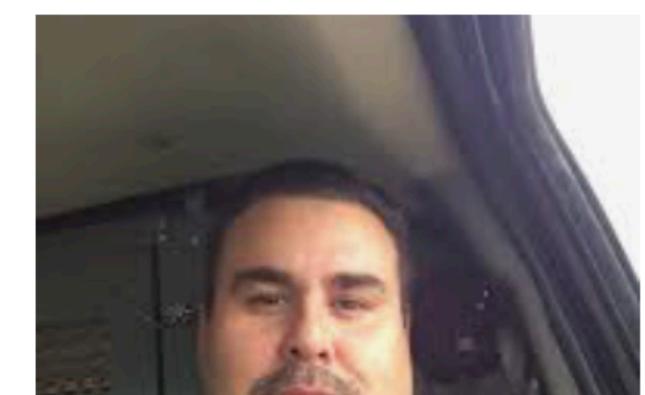
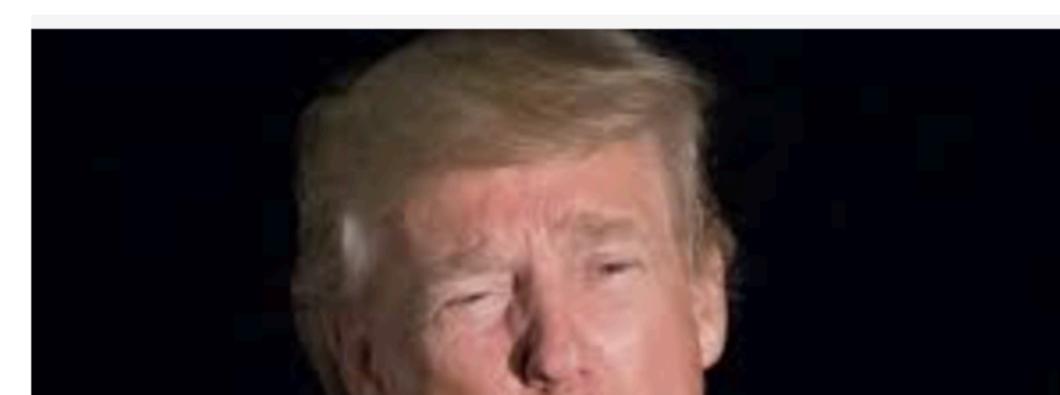
Guys with glasses are the ...
pinterest.com



Senior Guy Style.....Weekl...
seniorstyleguide.com

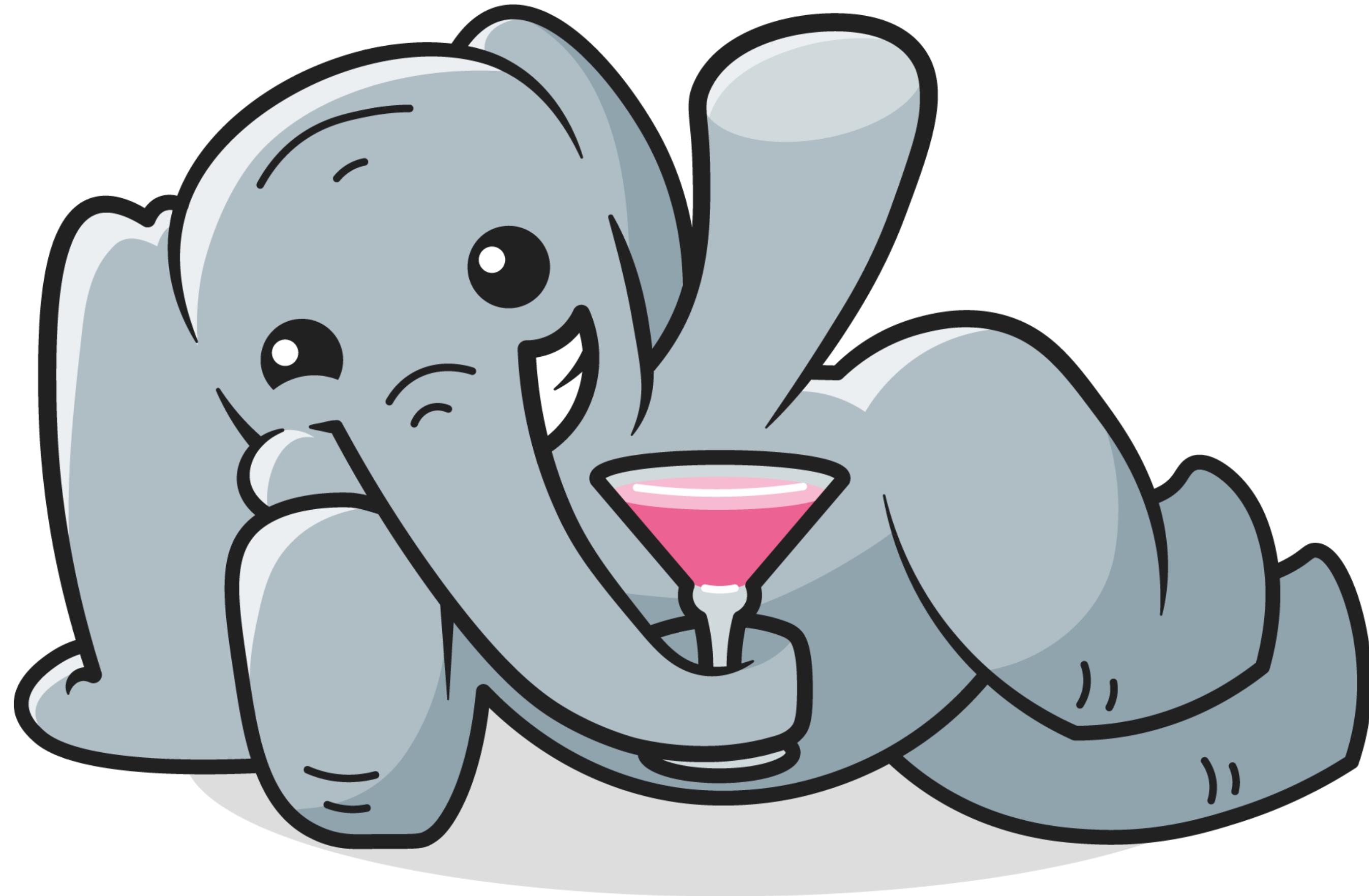


Hot Guys News, Tips & Guid...
glamour.com



HOW MANY GUYS
HAVE YOU DATED?

GUYS

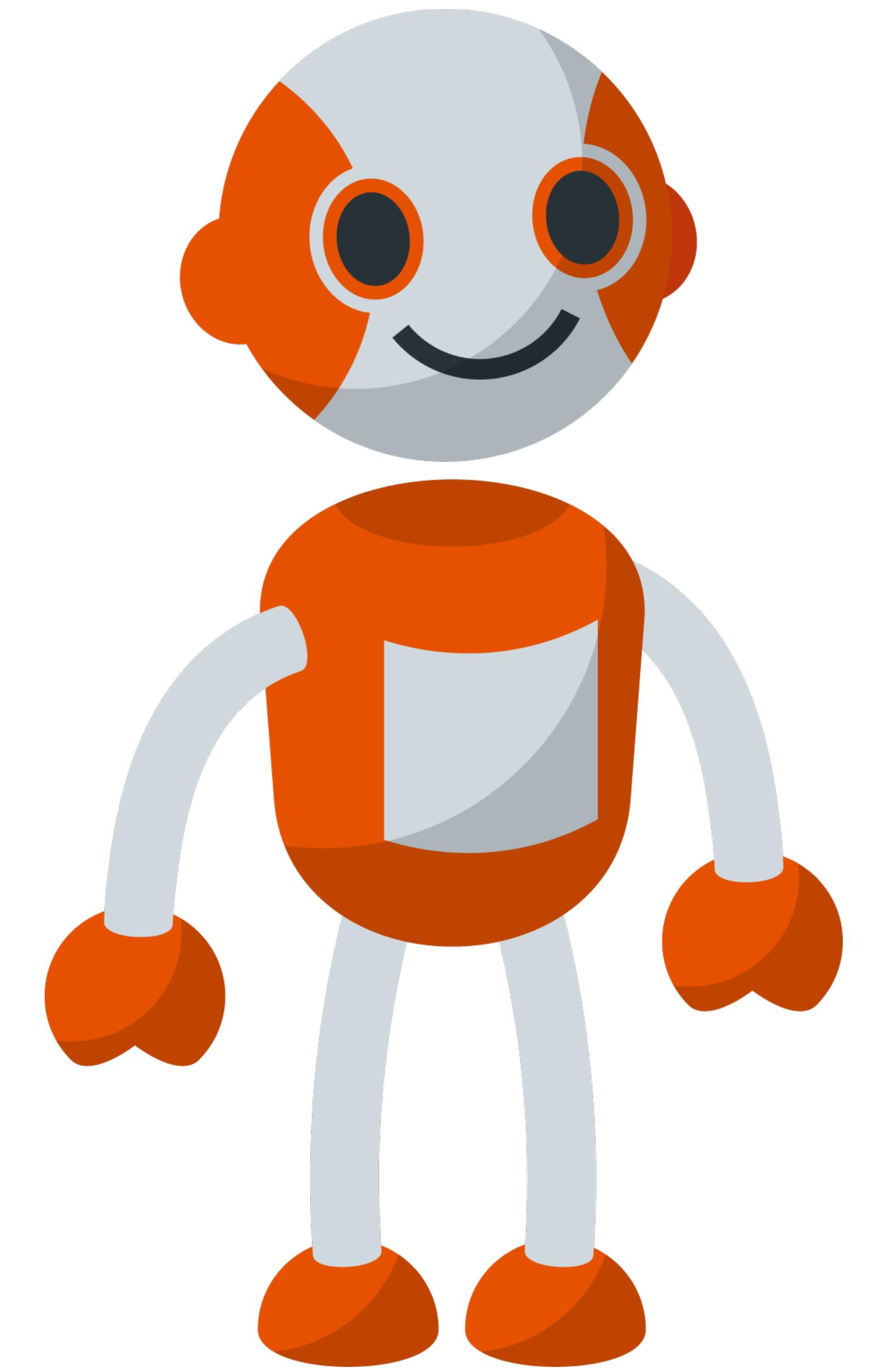


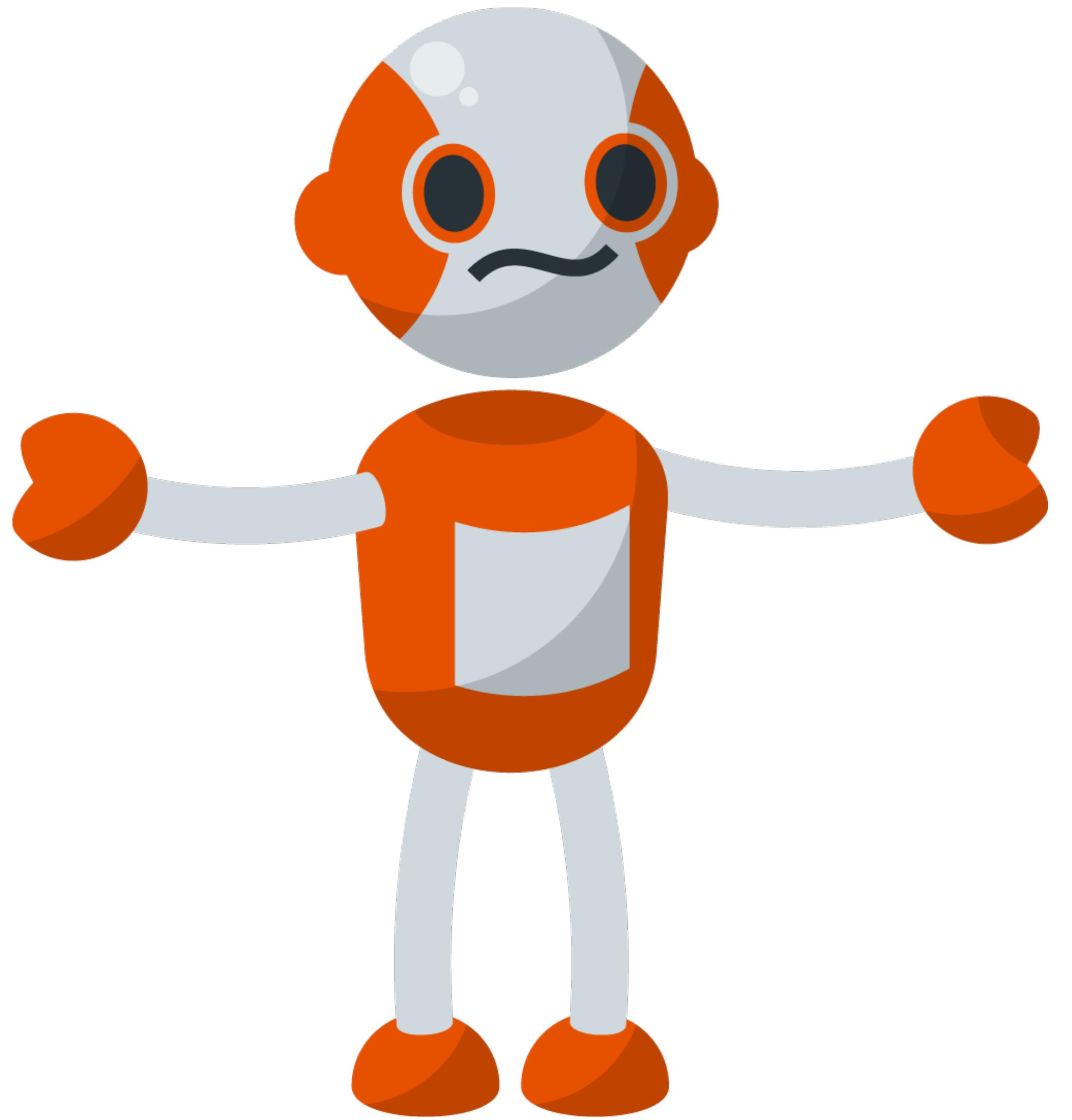
GUYS

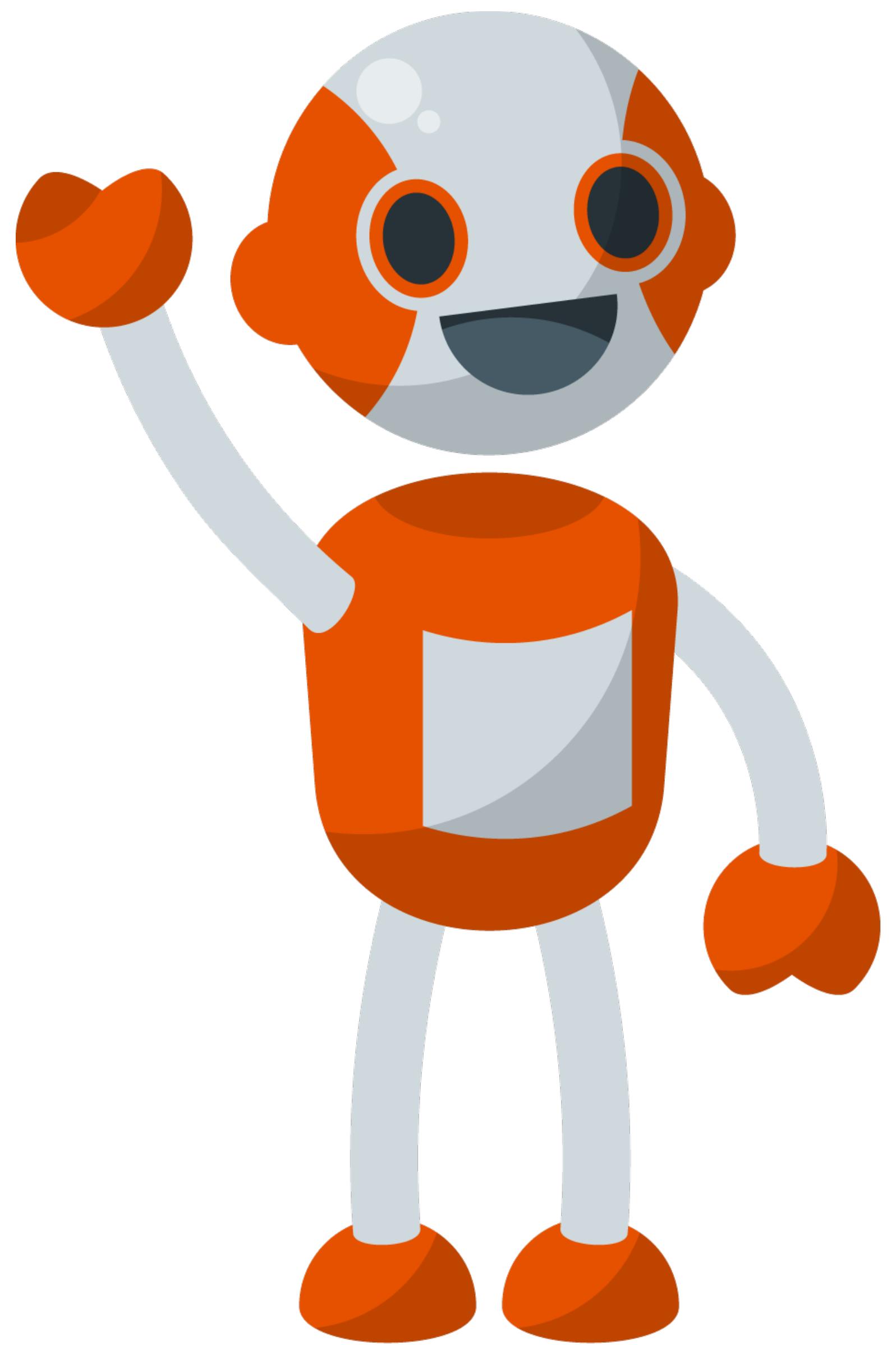
TEAM

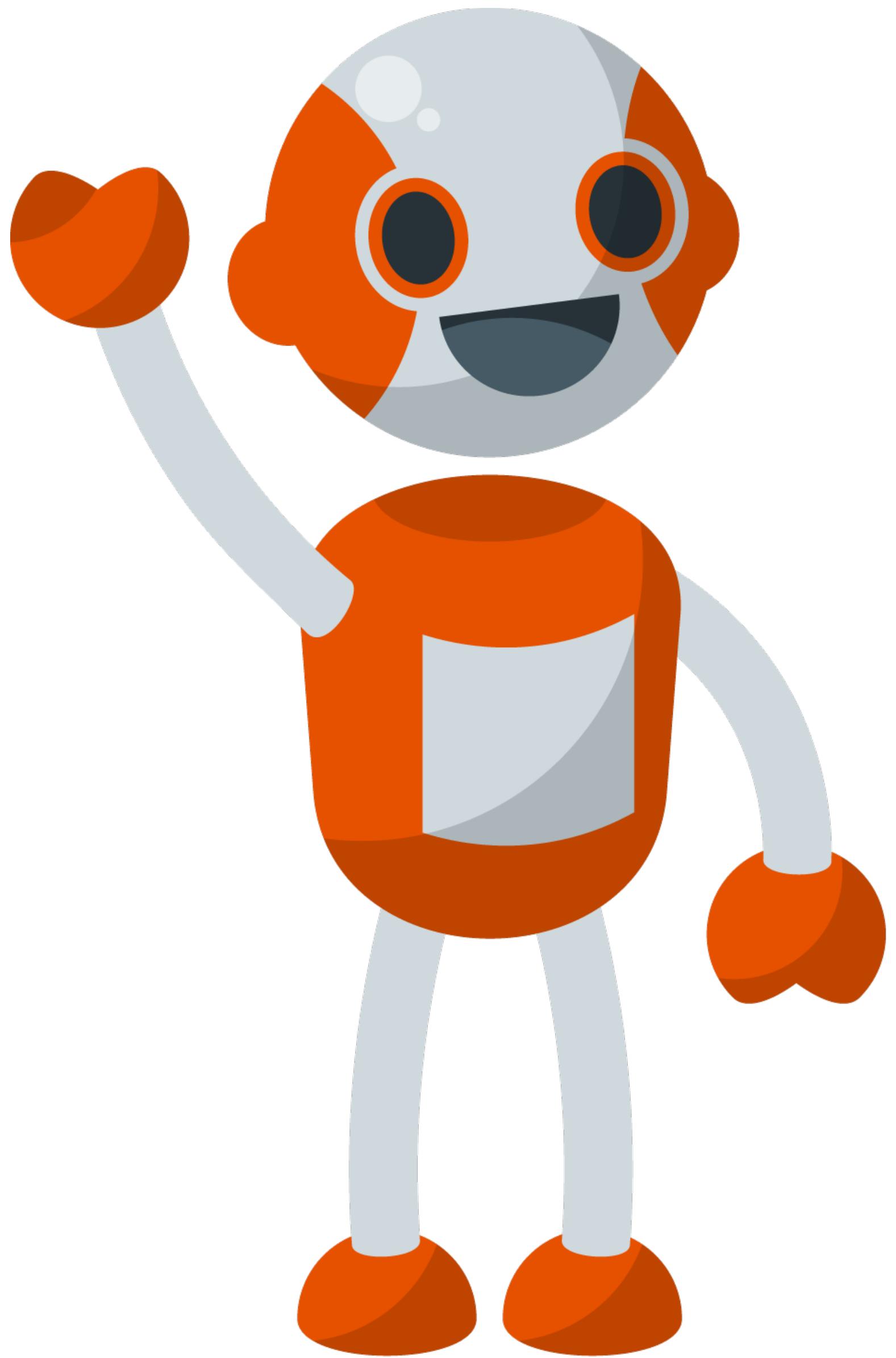
PEOPLE



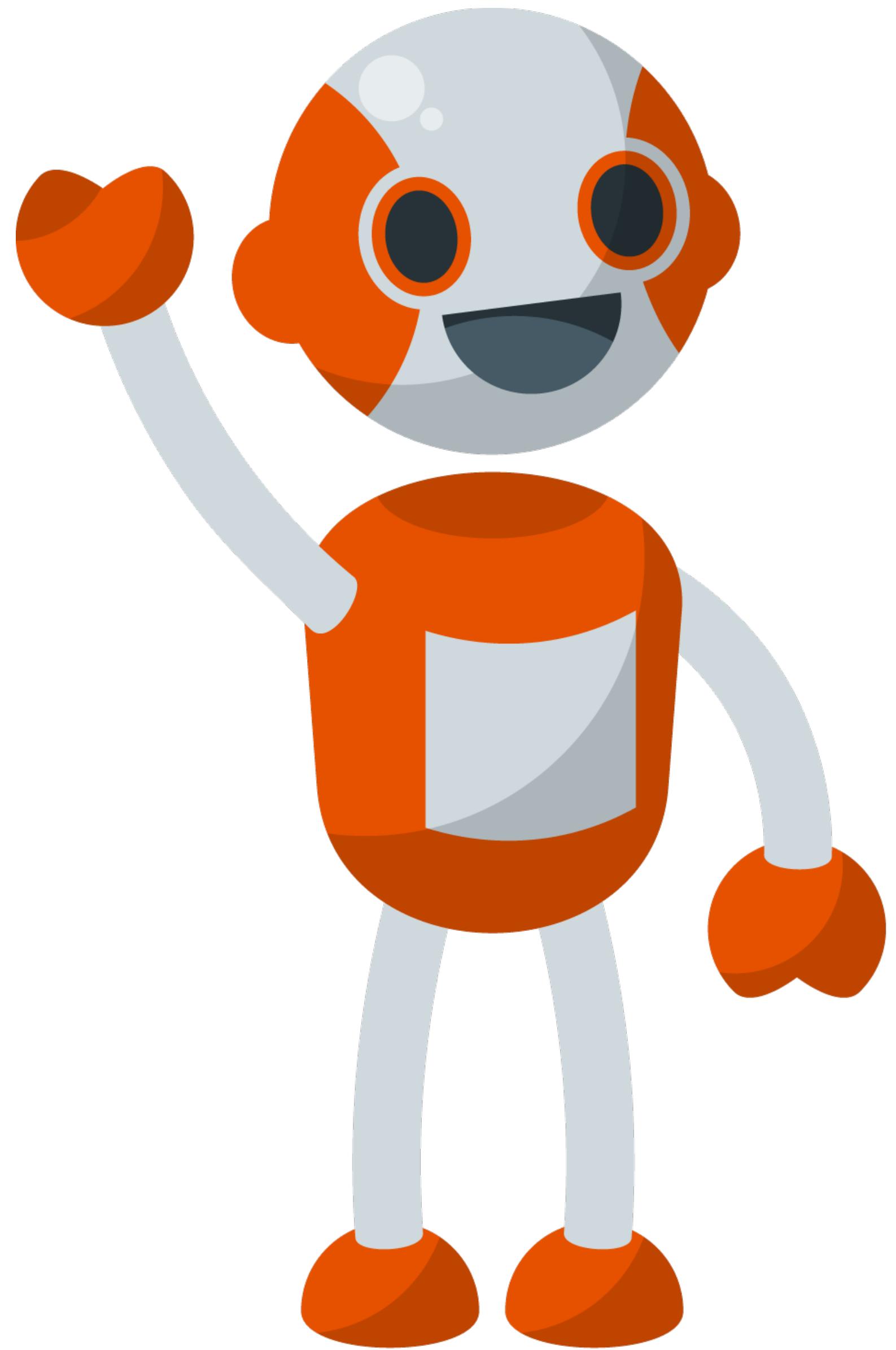






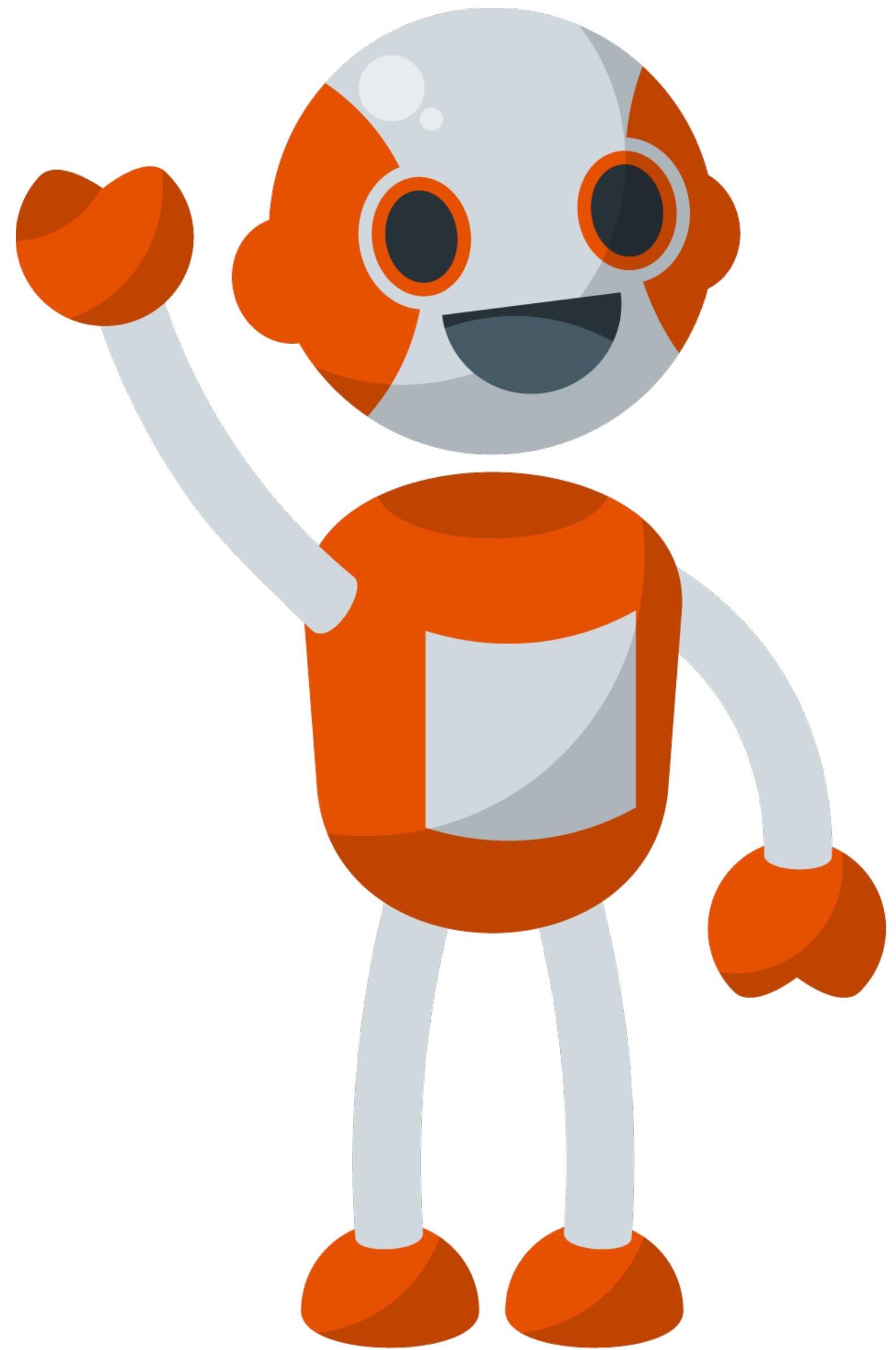


I identify as people

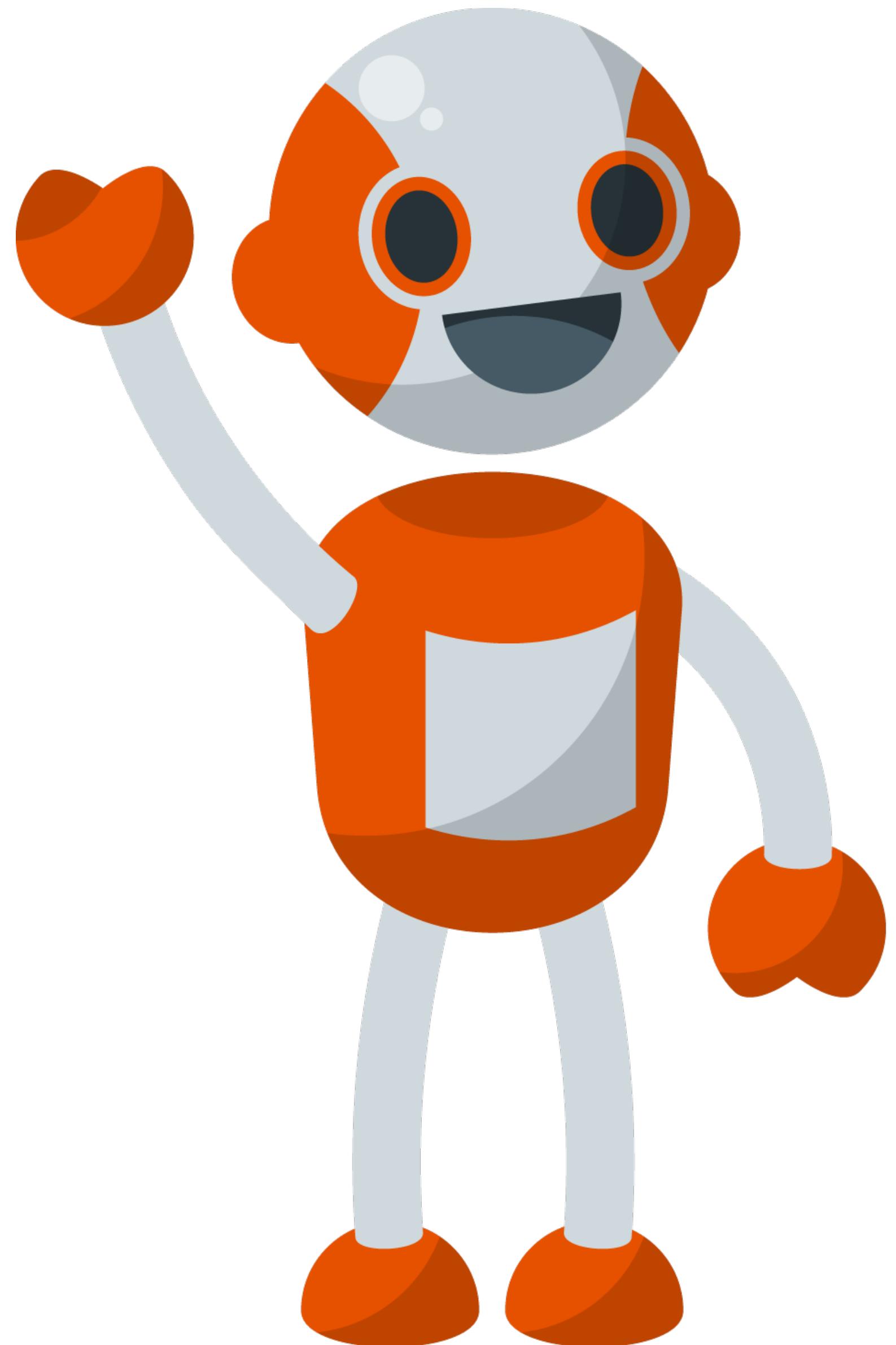


I identify as people

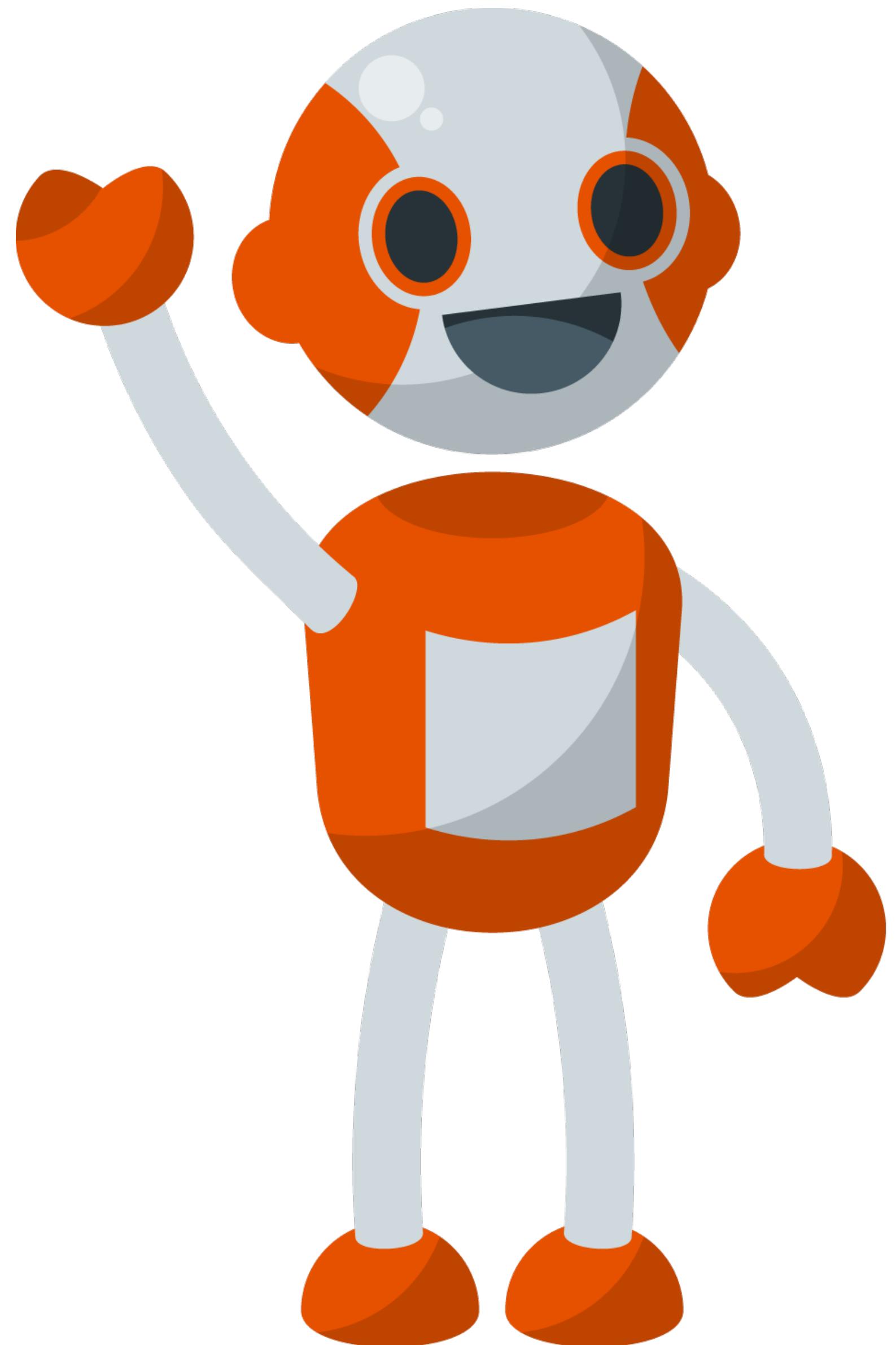
Unwilling to admit I do not identify as people



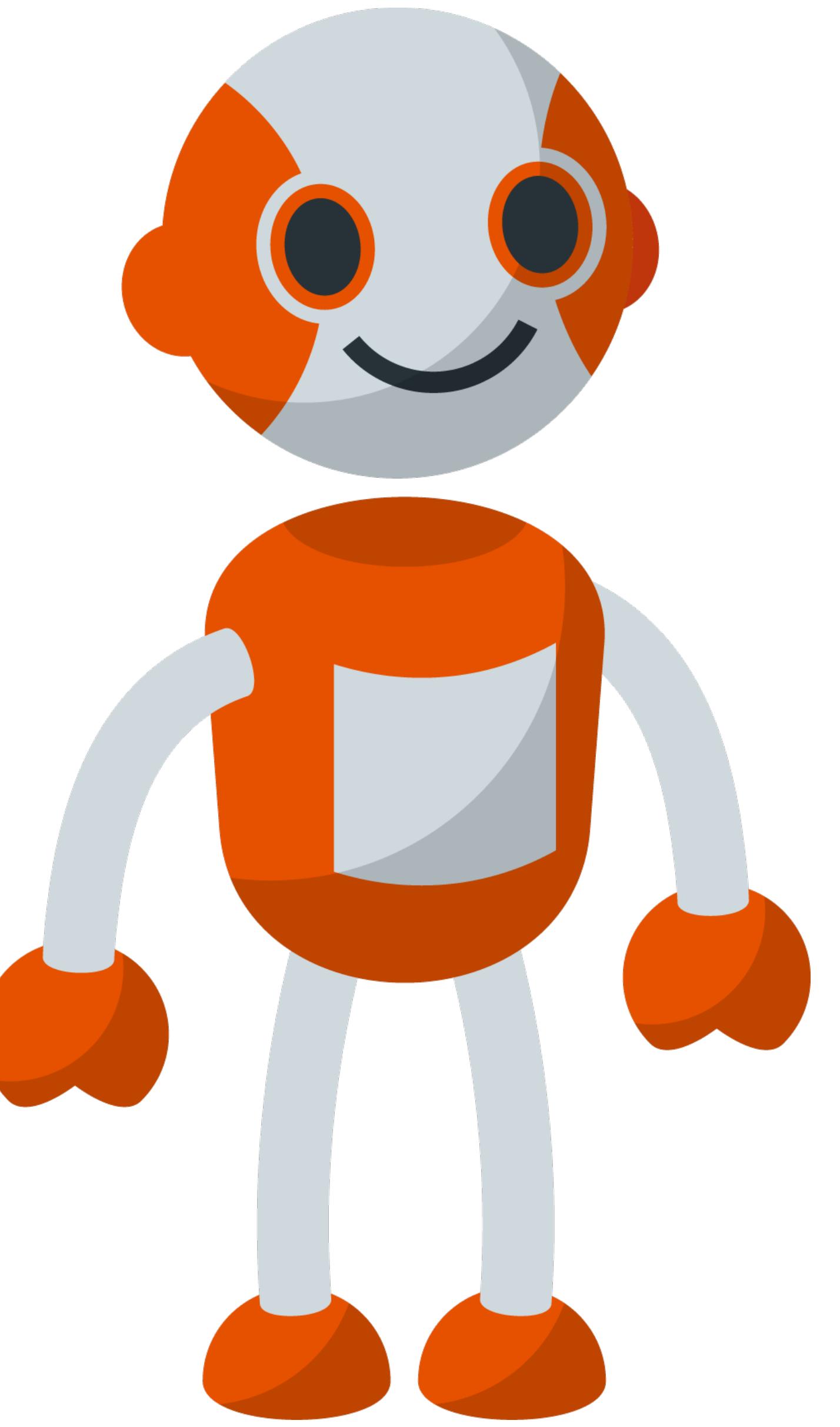
I identify as people
Unwilling to admit I do not identify as people
Not paying attention and everyone else put
their hand up



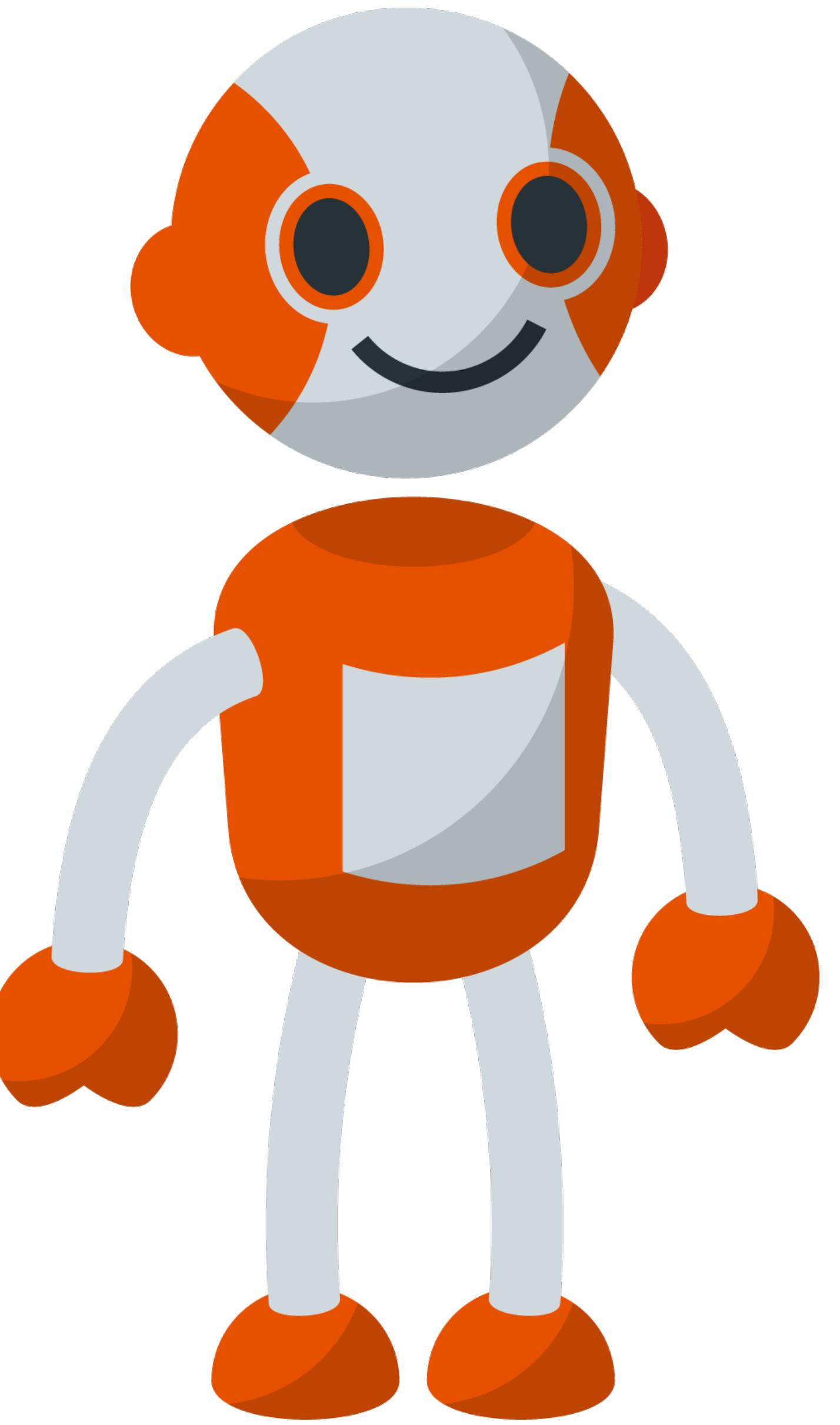
I identify as people
Unwilling to admit I do not identify as people
Not paying attention and everyone else put
their hand up
Misheard the question



I identify as people
Unwilling to admit I do not identify as people
Not paying attention and everyone else put
their hand up
Misheard the question
I just like to watch the world burn

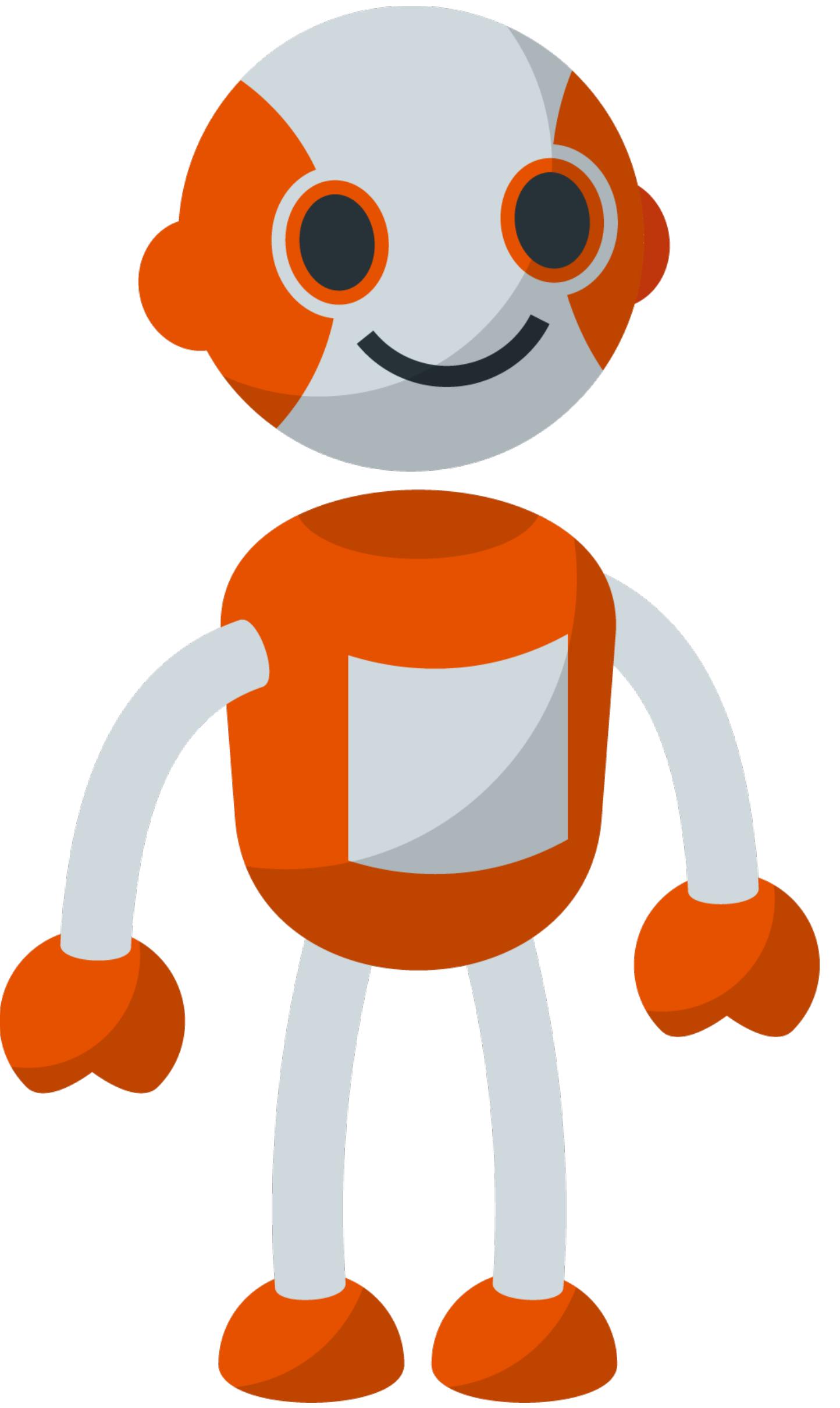


I do not identify as people.



I do not identify as people.

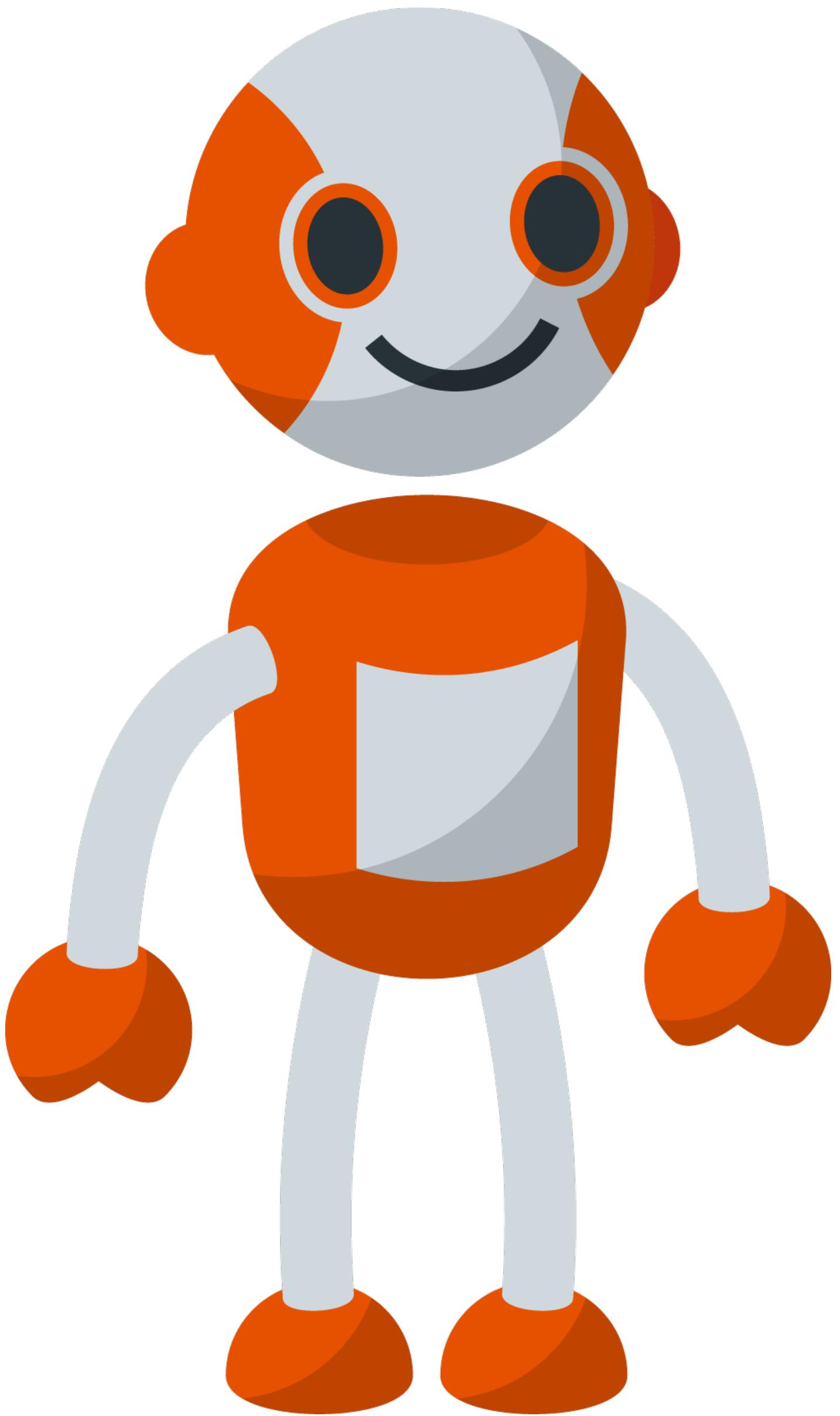
Unwilling to admit I do not identify as people



I do not identify as people.

Unwilling to admit I do not identify as people

Not paying attention and now don't want to
put my hand up for something random

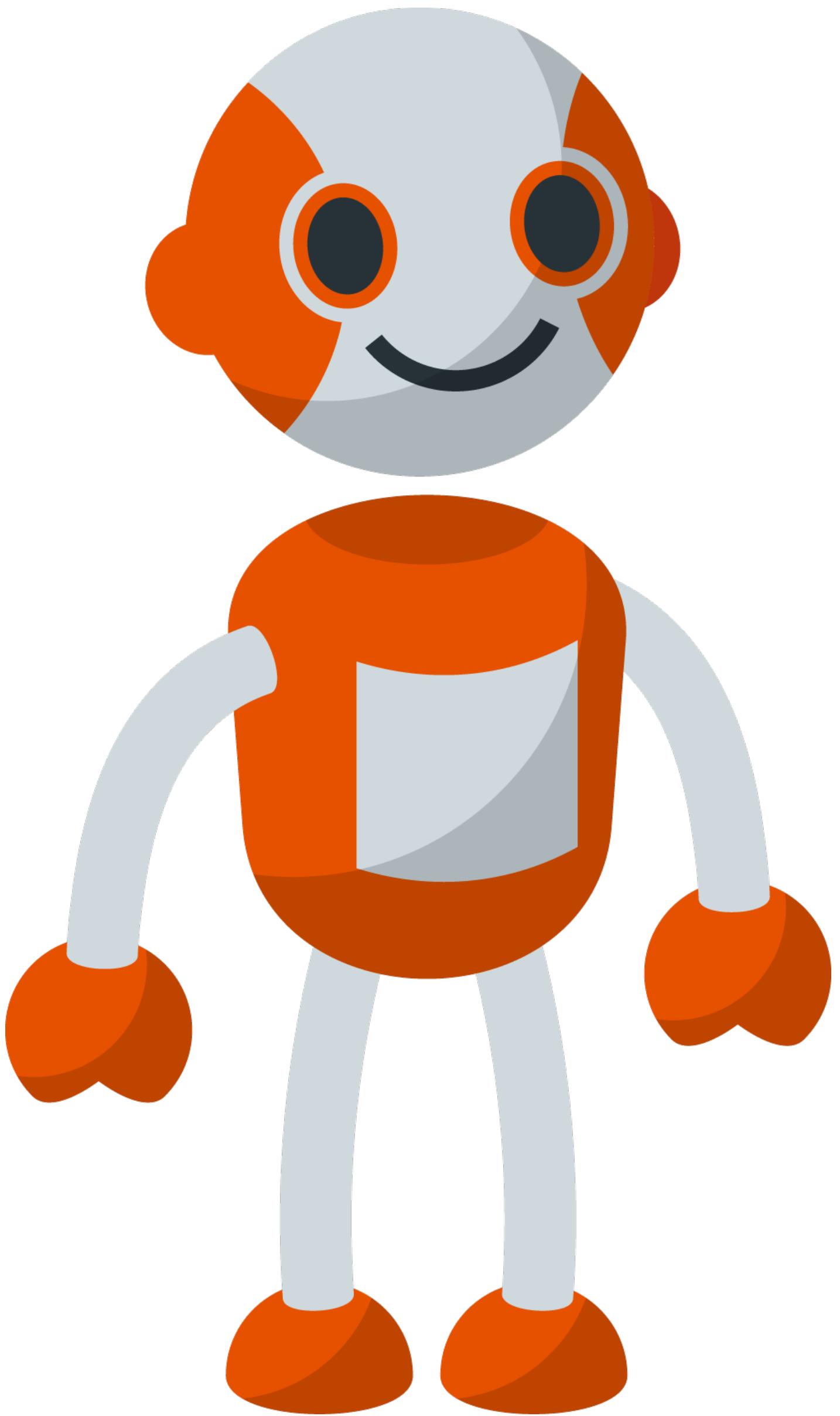


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Unwilling to admit I do not identify as people

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Misheard the question



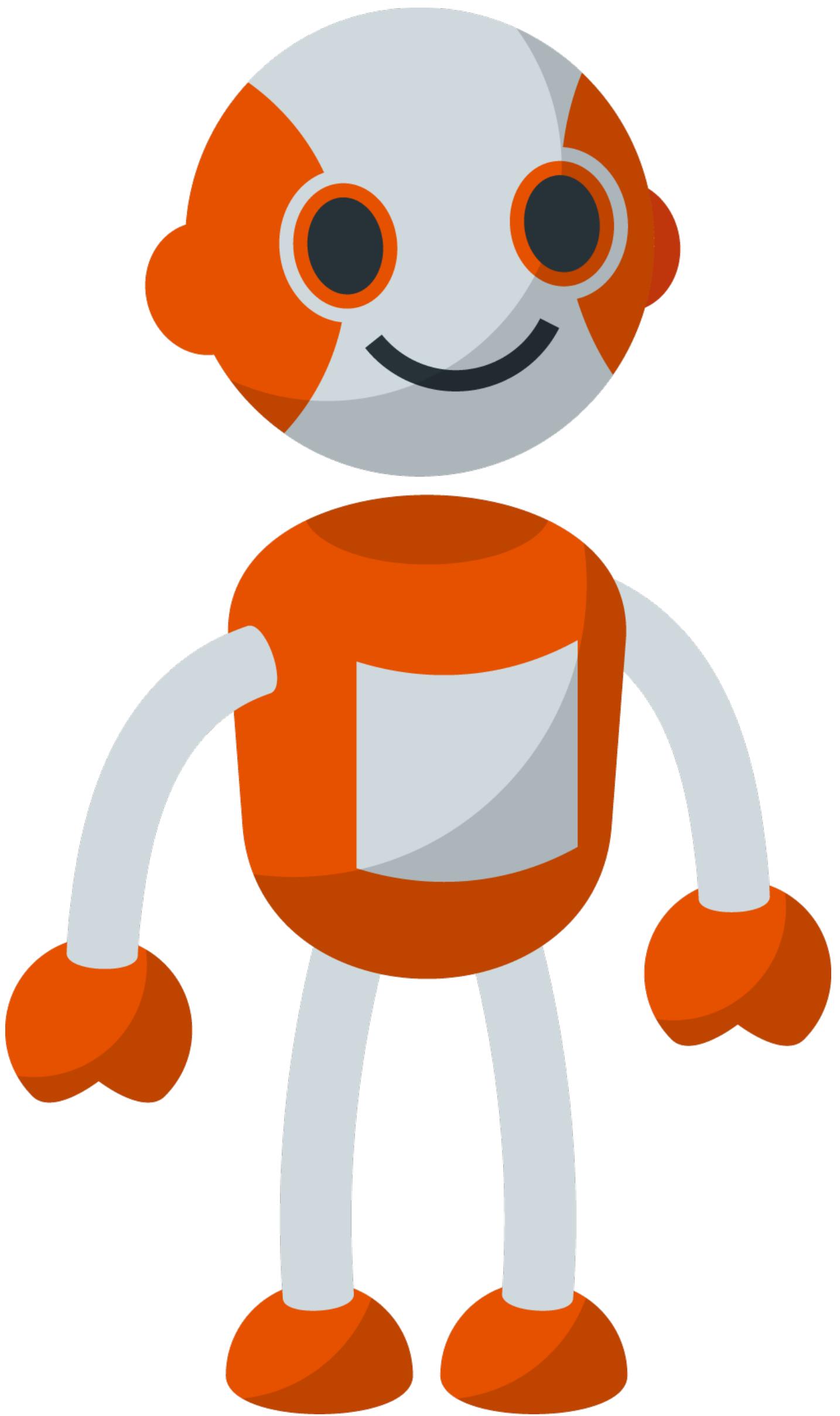
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Unwilling to admit I do not identify as people

Not paying attention and now don't want to
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I do not identify as people.

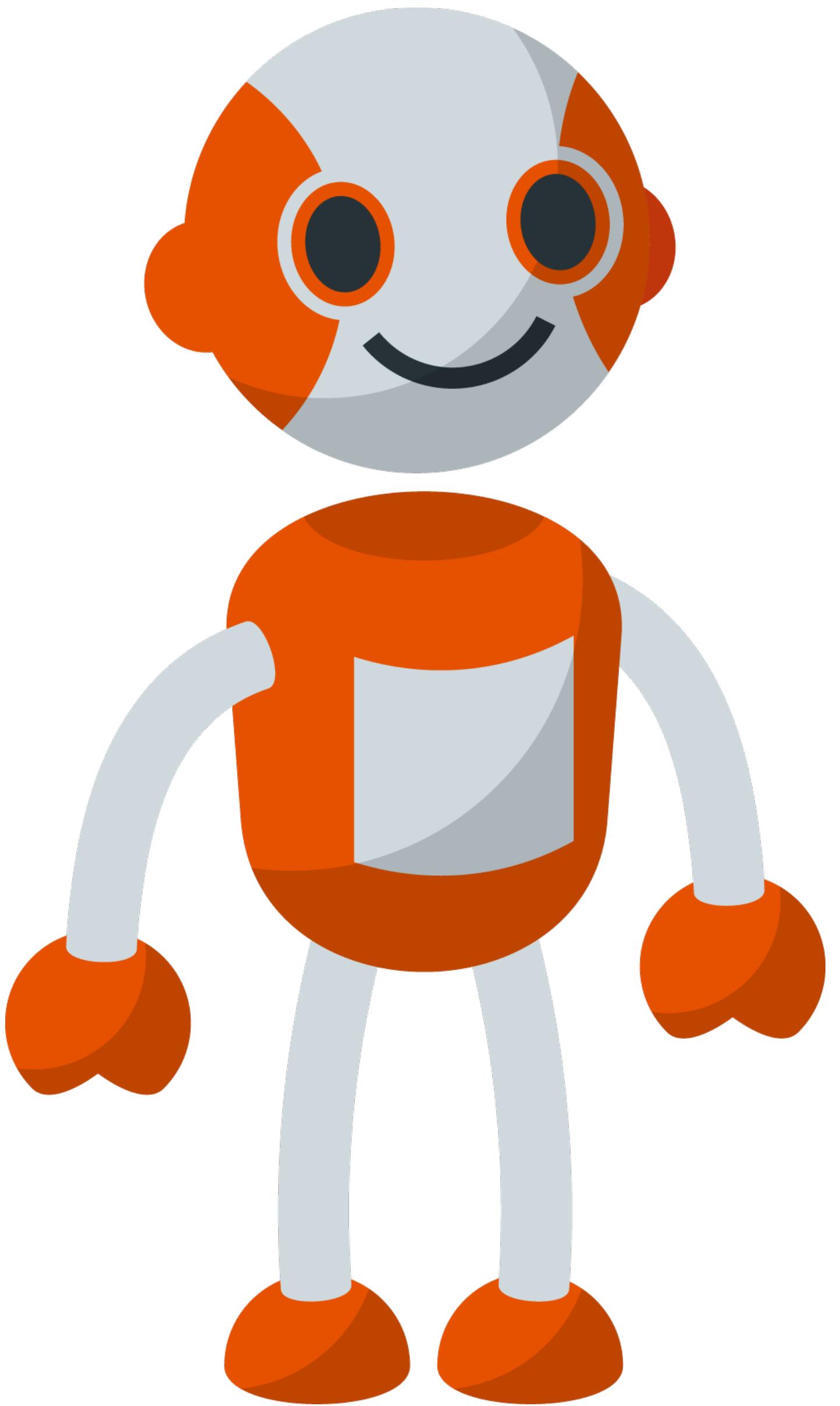
Unwilling to admit I do not identify as people

Not paying attention and now don't want to
put my hand up for something random

Misheard the question

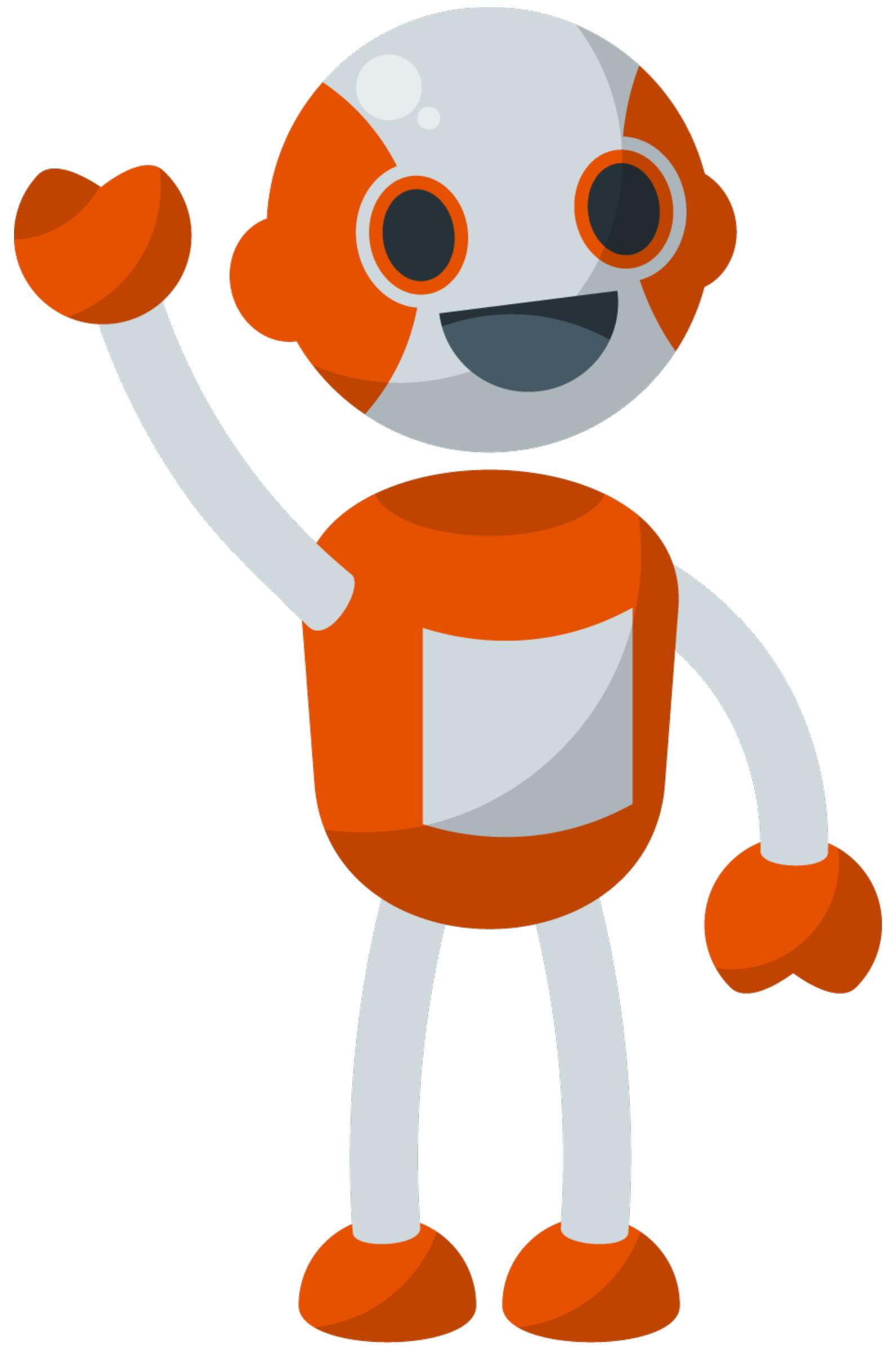
I just like to watch the world burn

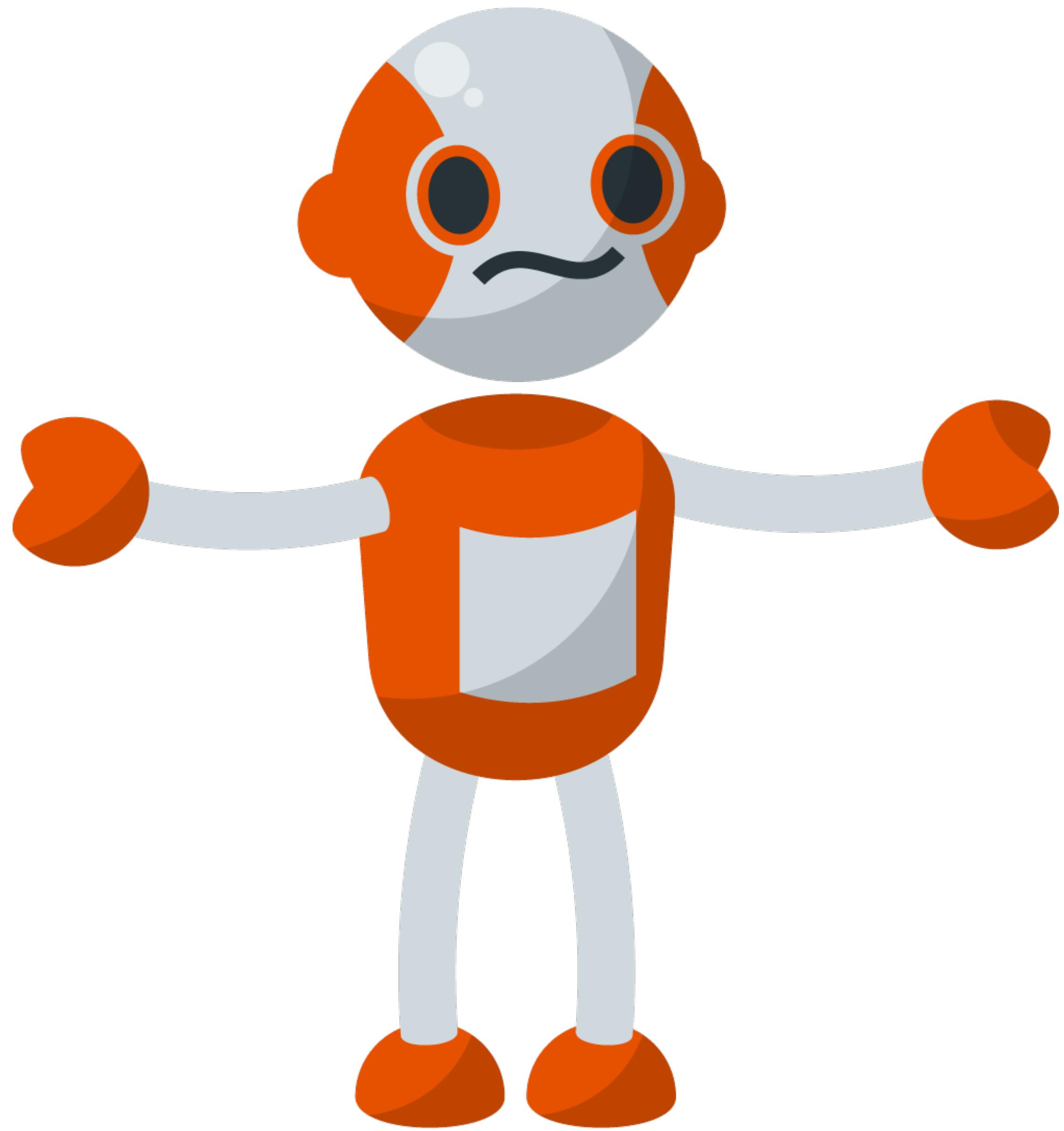
I don't put my hand up at conferences.



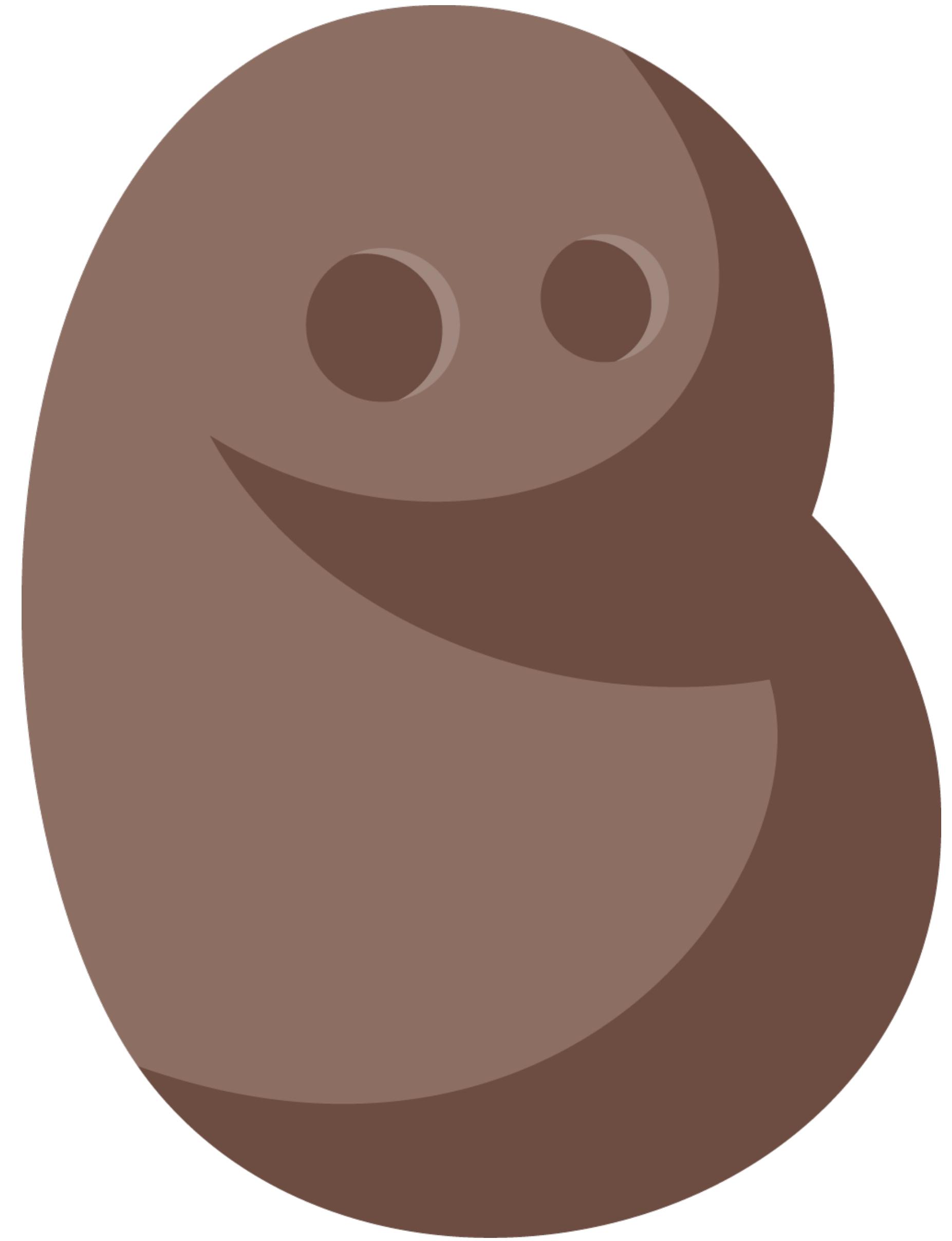


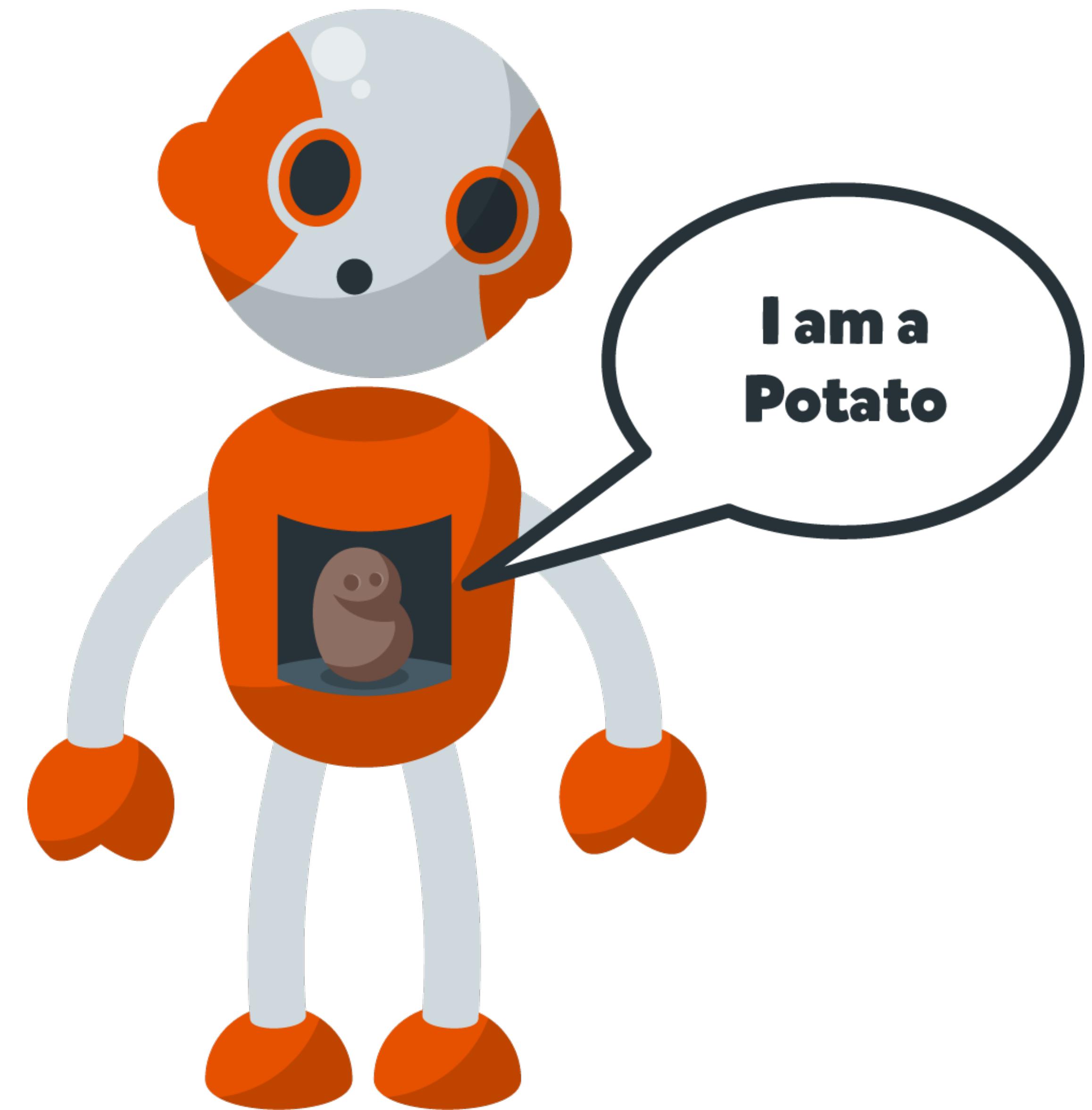
Not paying attention
Misheard the question
I just like to watch the world burn

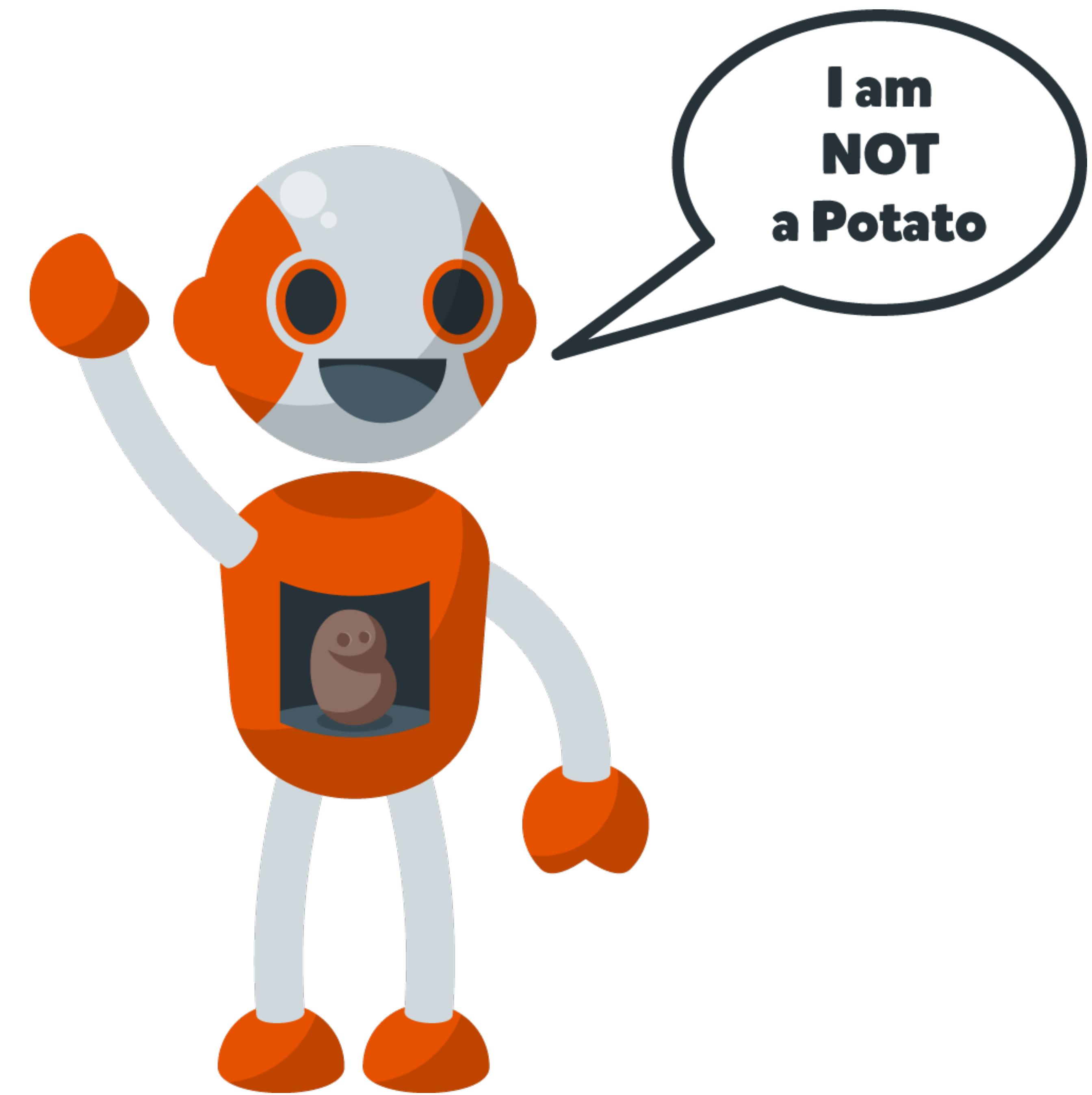








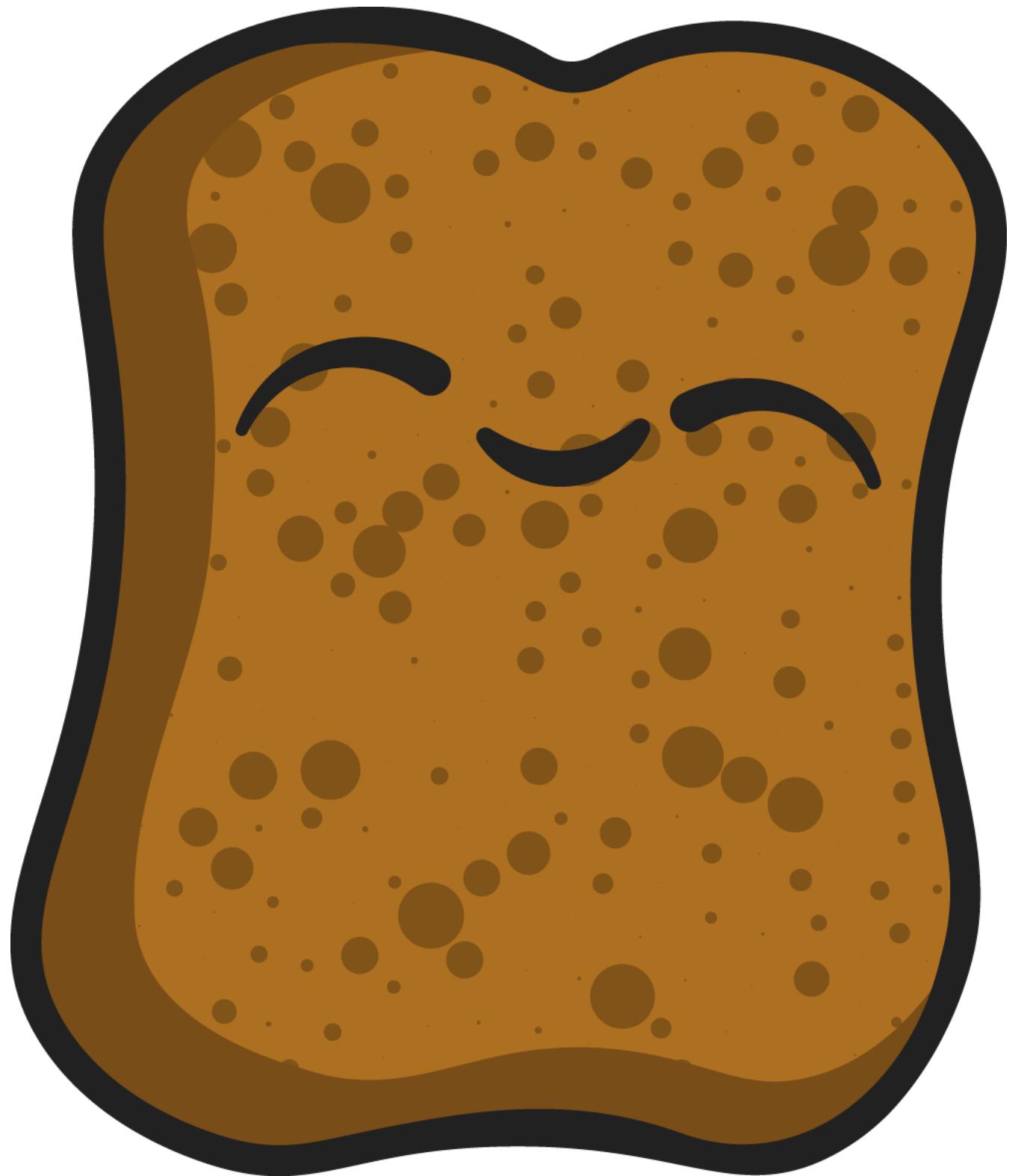




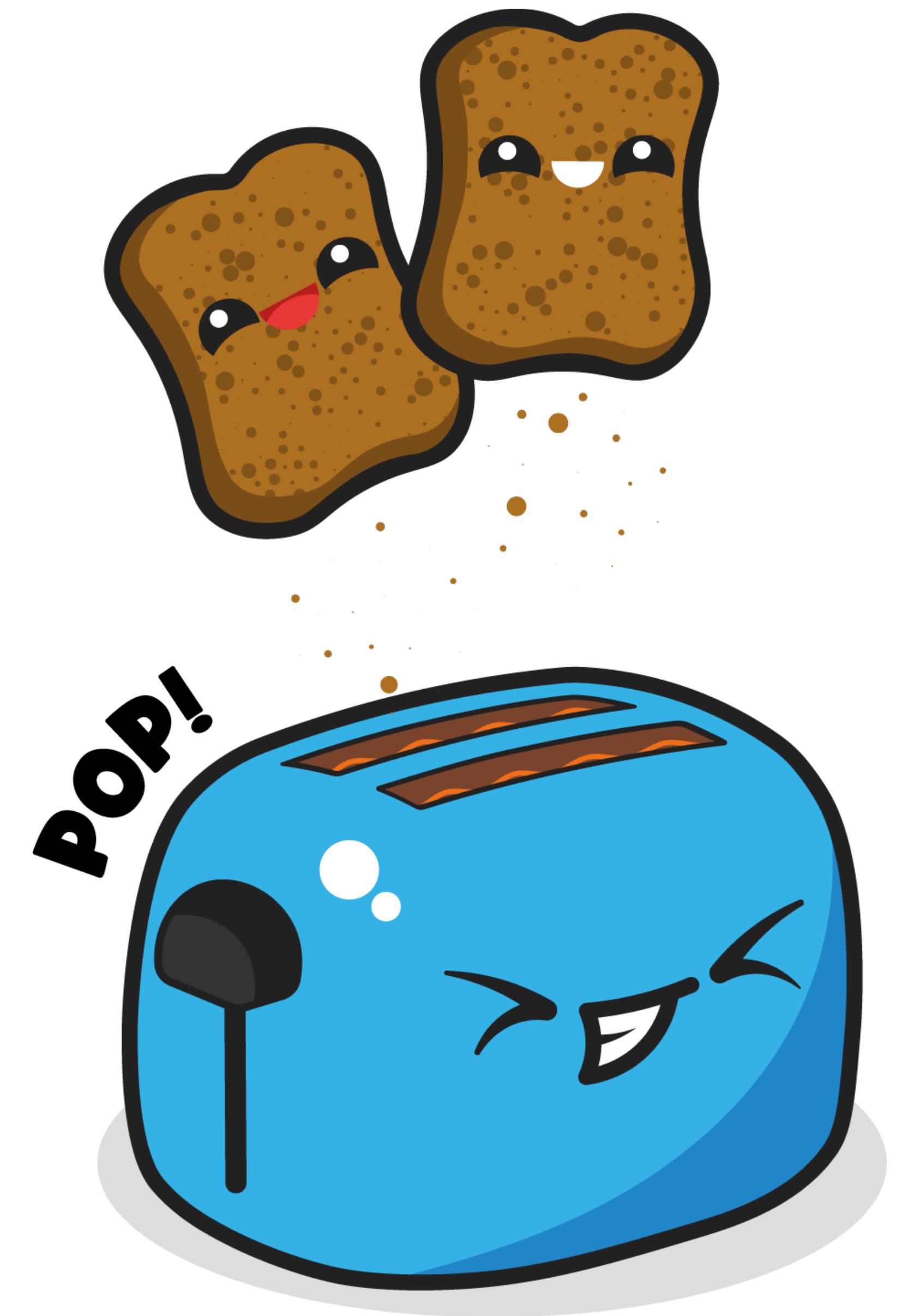


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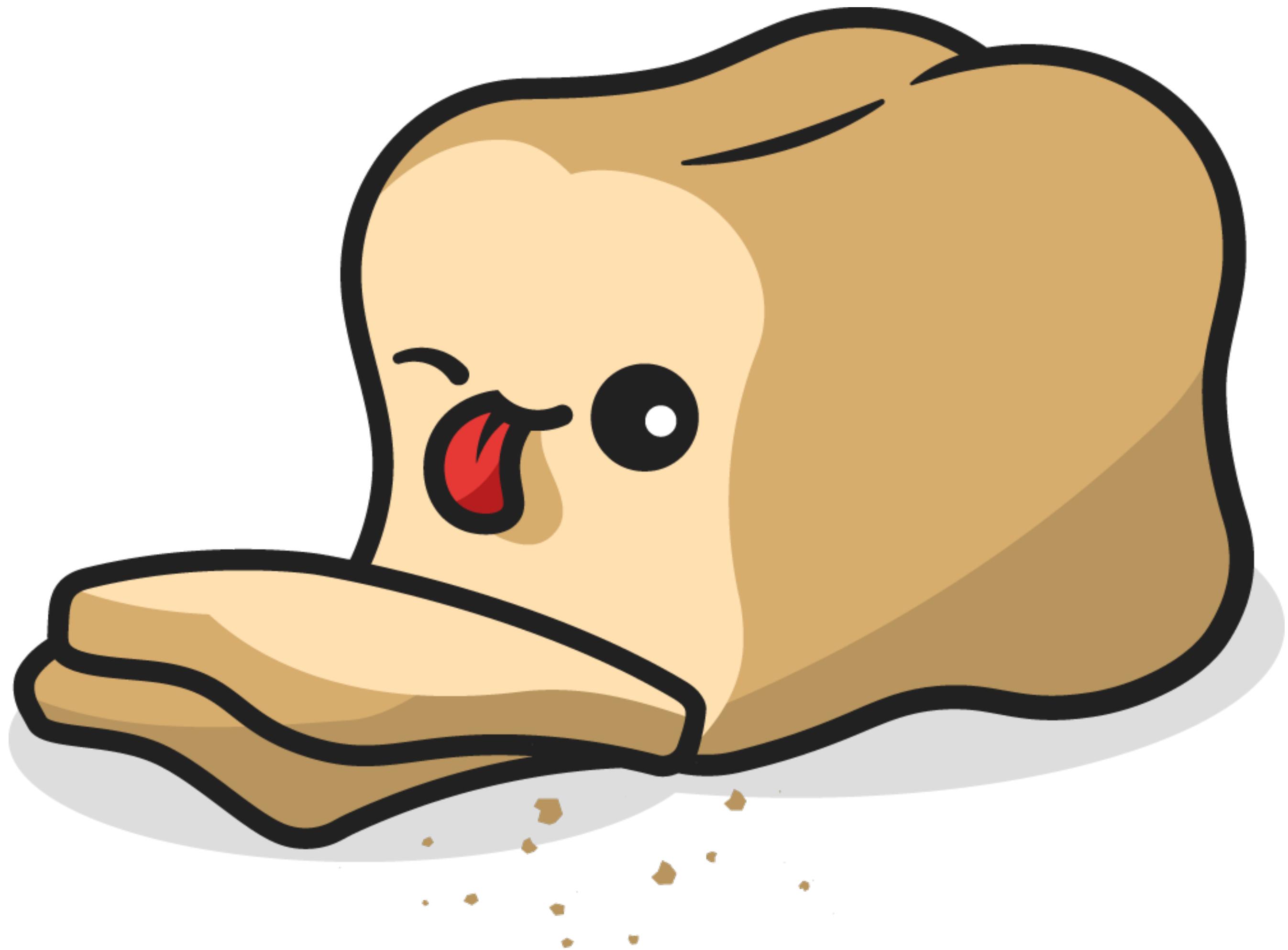


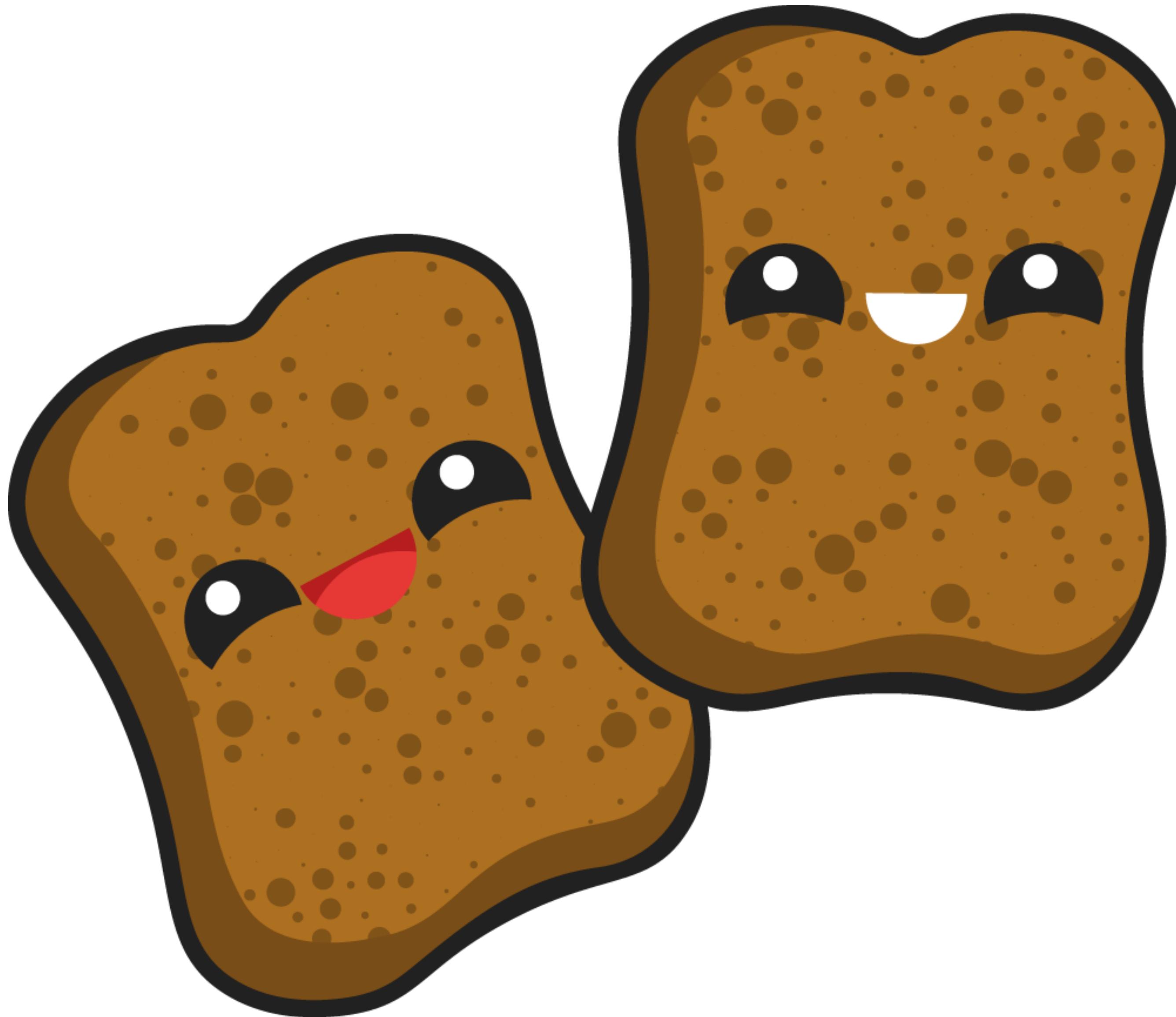




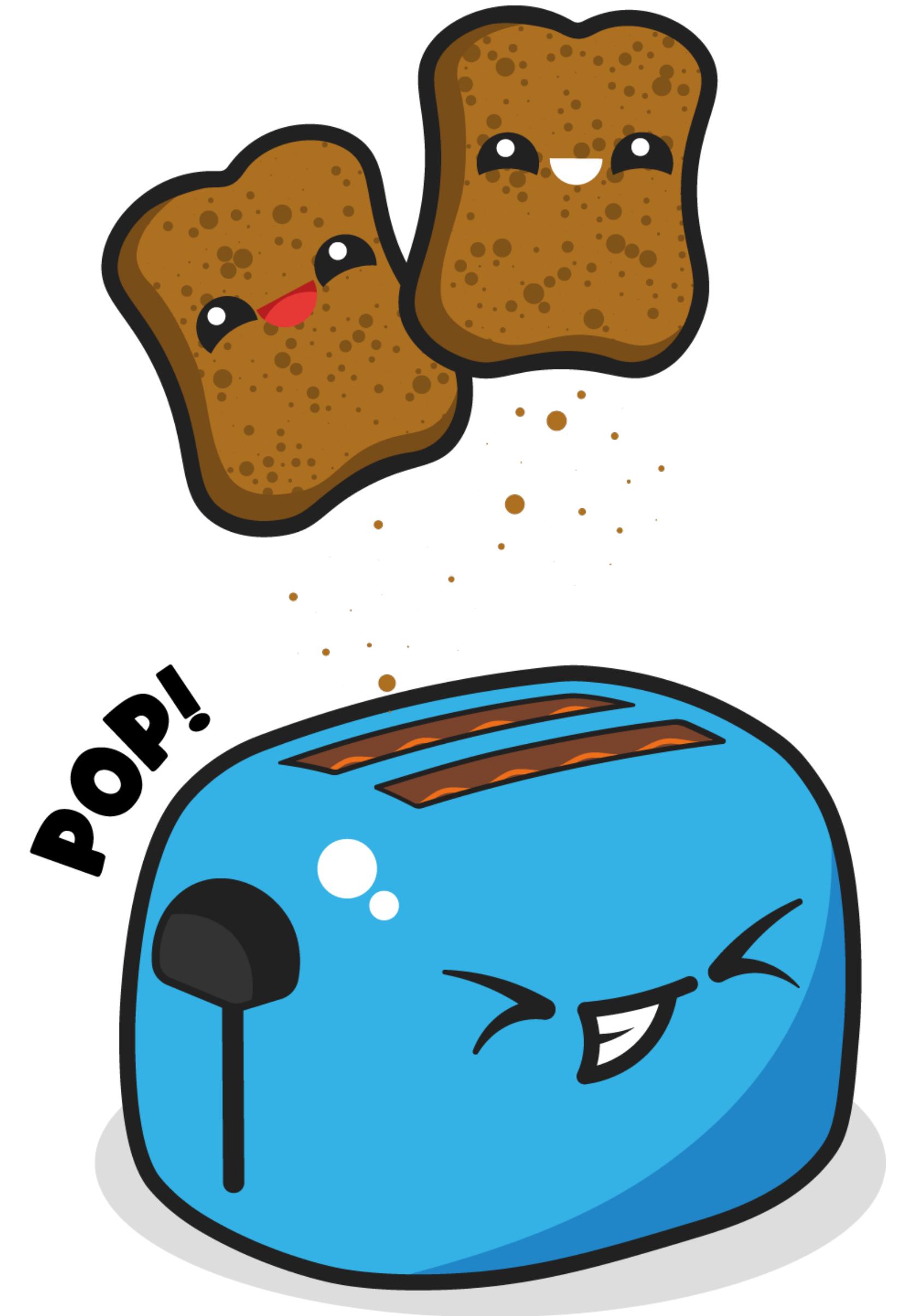




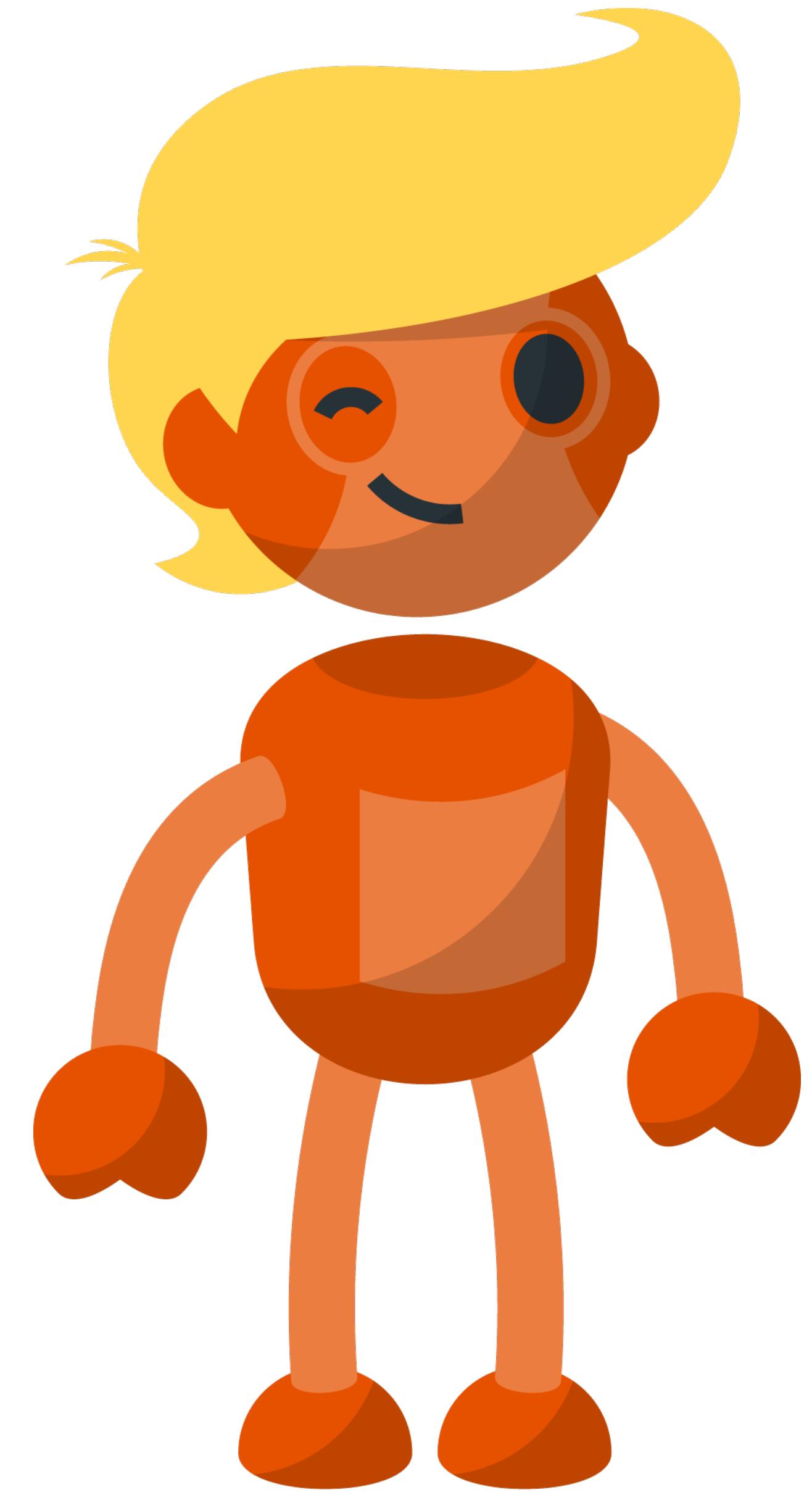


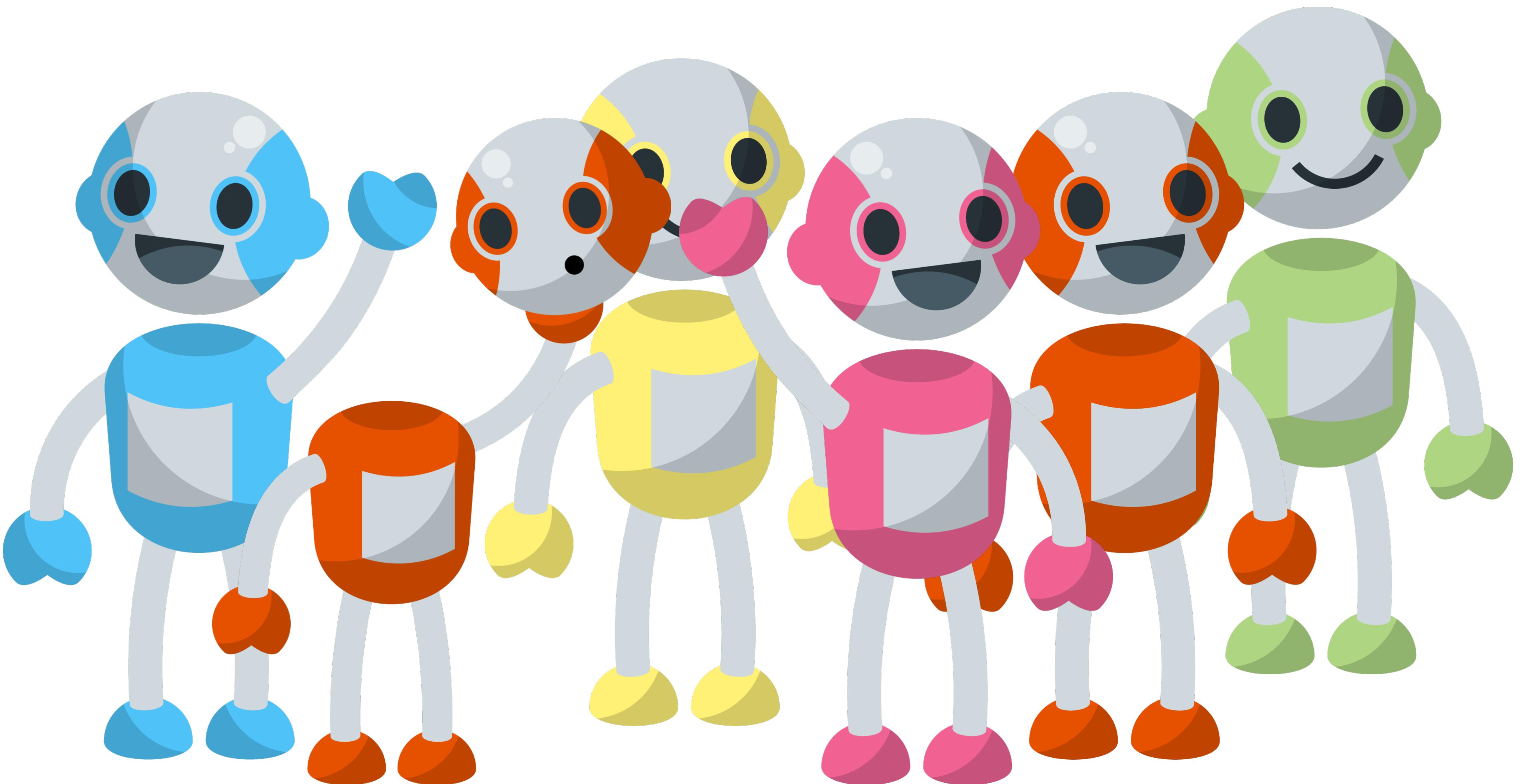














Technology



Technology Tools



Technology
Tools
Applications



Technology
Tools
Applications
Location



Technology
Tools
Applications
Location
Content

Revolin

A Fatal exception E2 has occurred building the Conference. Use of East Const detected

- * Press any key to use West Const**
- * Press CTRL-ALT-DELETE to rebuild with Go**

Enter any 13 digit prime to continue

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P''

From Wikipedia, the free encyclopedia

P'' (P double prime^[1]) is a primitive computer programming language created by [Corrado Böhm](#)^{[2][3]} in 1964 to describe a family of [Turing machines](#).

P''

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 - 1.1 [Syntax](#)
 - 1.2 [Semantics](#)
- 2 [Relation to other programming languages](#)
- 3 [Example program](#)
- 4 [References](#)

Paradigm	Imperative, structured
Designed by	Corrado Böhm
First appeared	1964
Typing discipline	untyped
Dialects	Brainfuck
Influenced	Brainfuck

Definition [edit]

\mathcal{P}'' (hereinafter written **P''**) is formally defined as a set of words on the four-instruction alphabet $\{R, \lambda, (,)\}$, as follows:

Syntax [edit]

1. R and λ are words in \mathcal{P}'' .
2. If q_1 and q_2 are words in \mathcal{P}'' , then $q_1 q_2$ is a word in \mathcal{P}'' .
3. If q is a word in \mathcal{P}'' , then (q) is a word in \mathcal{P}'' .
4. Only words derivable from the previous three rules are words in \mathcal{P}'' .

Semantics [edit]

- $\{\square, c_1, c_2, \dots, c_n\}$ is the tape-alphabet of a [Turing machine](#) with left-infinite tape, \square being the *blank symbol*, equivalent to c_0 .
- All instructions in \mathcal{P}'' are [permutations](#) of the set X of all possible tape configurations; that is, all possible configurations of both the contents of the tape and the position of the tape-head.
- α is a [predicate](#) saying that the current symbol is not \square . It is not an instruction and is not used in programs, but is instead used to help define the language.
- R means move the tape-head rightward one cell (if possible).
- λ means replace the current symbol c_i with $c_{(i+1) \bmod (n+1)}$, and then move the tape-head leftward one cell.
- $q_1 q_2$ means the [function composition](#) $q_2 \circ q_1$. In other words, the instruction q_1 is performed before q_2 .
- (q) means iterate q in a [while loop](#), with the condition α .

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Serverless computing

From Wikipedia, the free encyclopedia

(Redirected from [Serverless](#))

Serverless computing is a [misnomer](#)^{[1][2]} referring to a [cloud-computing execution model](#) in which the cloud provider runs the server, and dynamically manages the allocation of machine resources. Pricing is based on the actual amount of resources consumed by an application, rather than on pre-purchased units of capacity.^[3] It can be a form of [utility computing](#).

Serverless computing can simplify the process of [deploying code](#) into production. Scaling, capacity planning and maintenance operations may be hidden from the developer or operator. Serverless code can be used in conjunction with code deployed in traditional styles, such as [microservices](#). Alternatively, applications can be written to be purely serverless and use no provisioned servers at all.^[4]

This should not be confused with computing or networking models that do not require an actual [server](#) to function, like [Peer-to-peer \(P2P\)](#).

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Eesti

فارسی

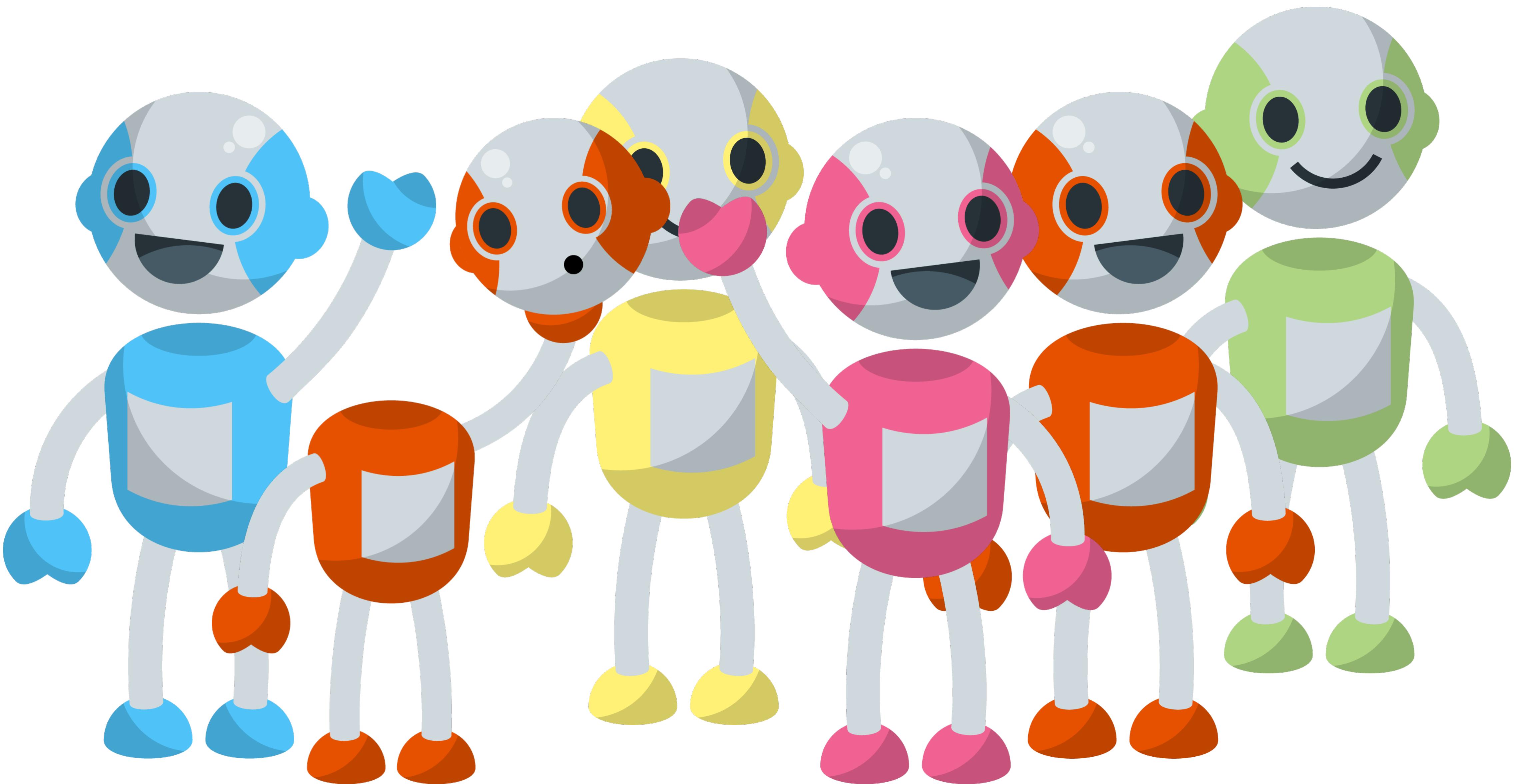
Francese



Technology
Tools
Applications
Location
Content



- | | |
|--------------|------------------------------|
| Technology | - macOS |
| Tools | - IA Writer, IntelliJ, Paper |
| Applications | - Keynote |
| Location | - Here |
| Content | - Pure waffle |





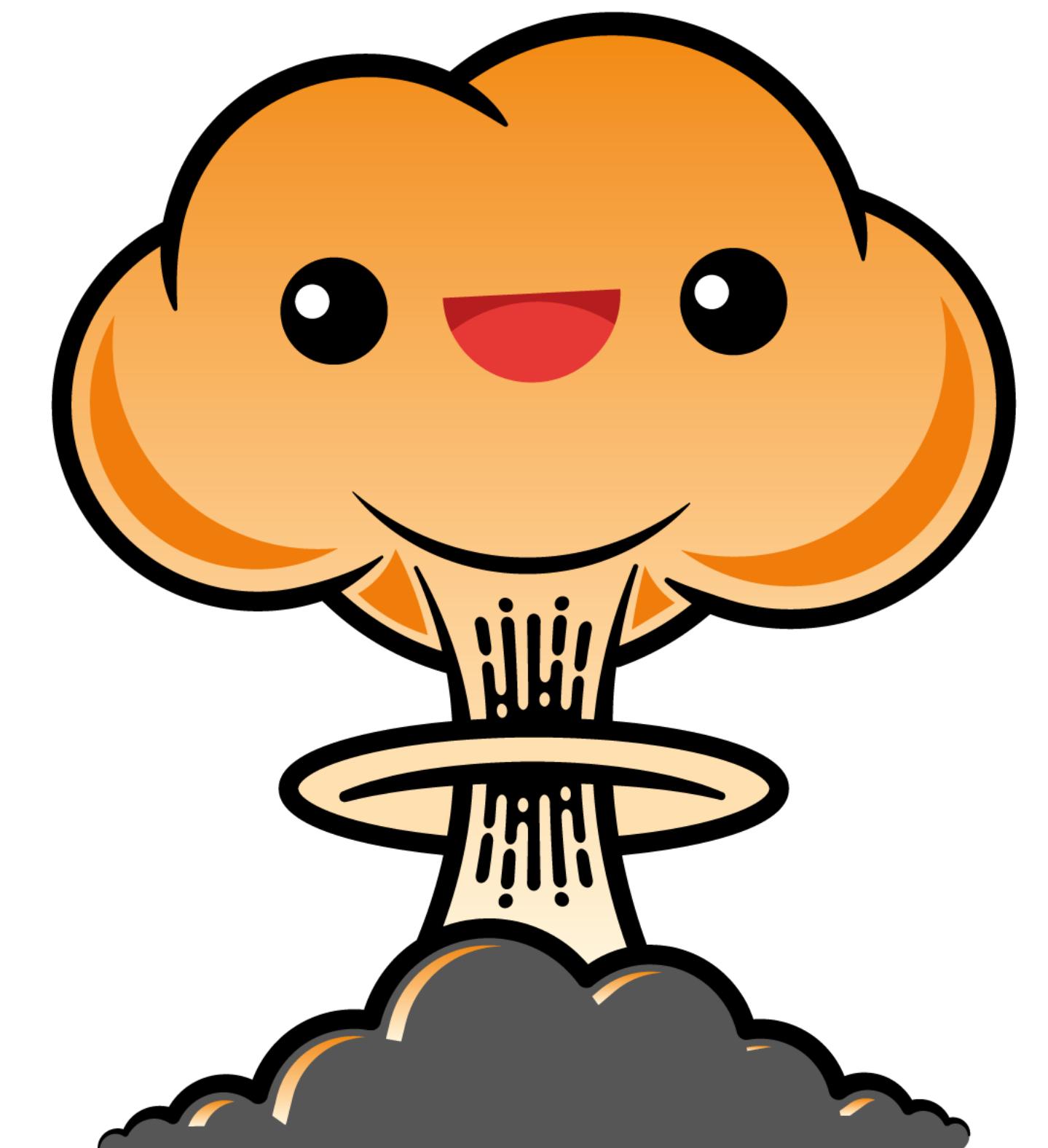


Pierre J - CC BY-NC-SA 2.0 - <https://www.flickr.com/photos/7969902@N07/510672745>



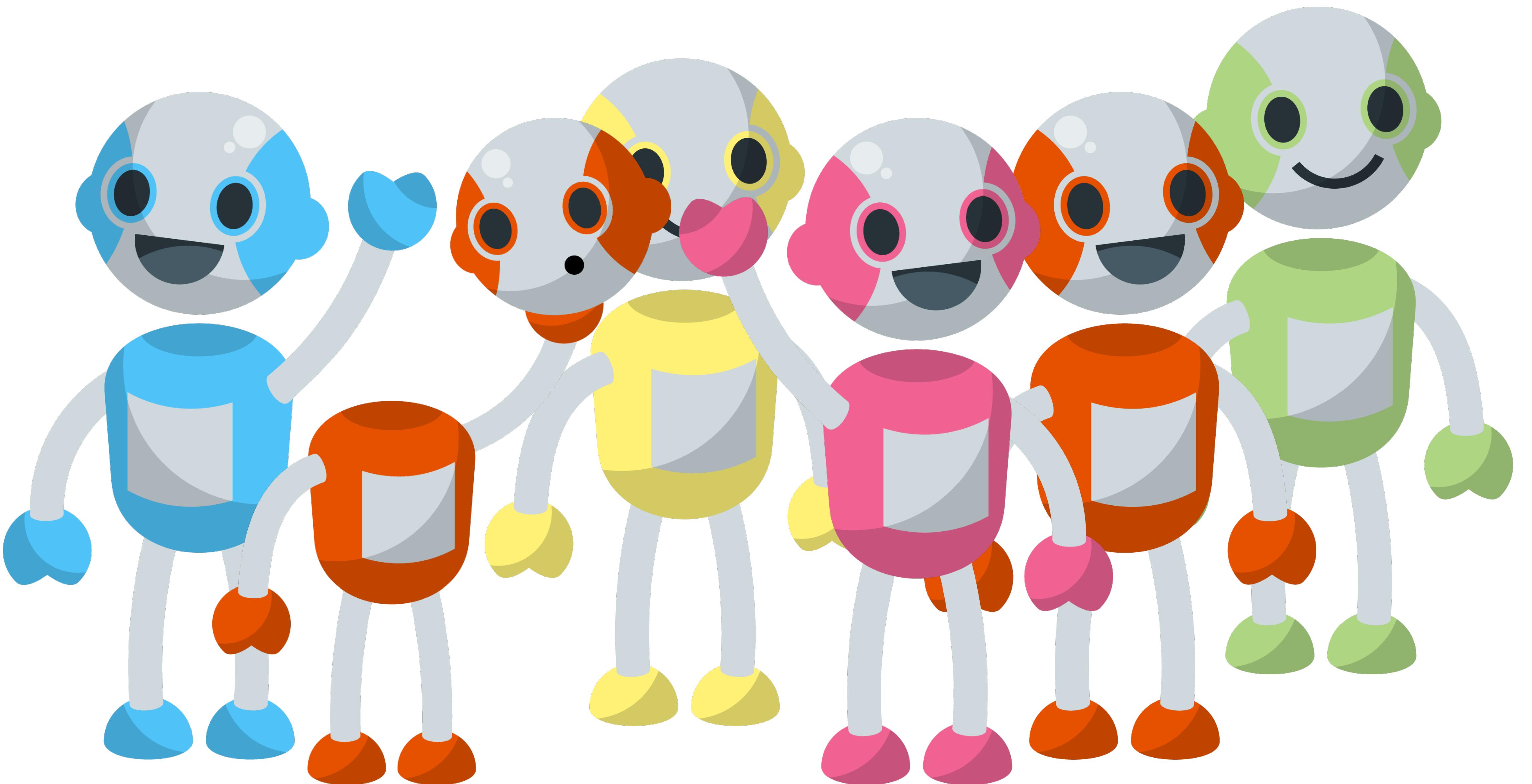












[this slide intentionally left blank (except for the bits that aren't)]



Computer Facts

@computerfact

computers think using etchings in poisoned sand and measure time using vibrating crystals so if you were looking for magic you found it

12:36 AM - 21 Apr 2016

VI VS EMACS

NOBODY CARES

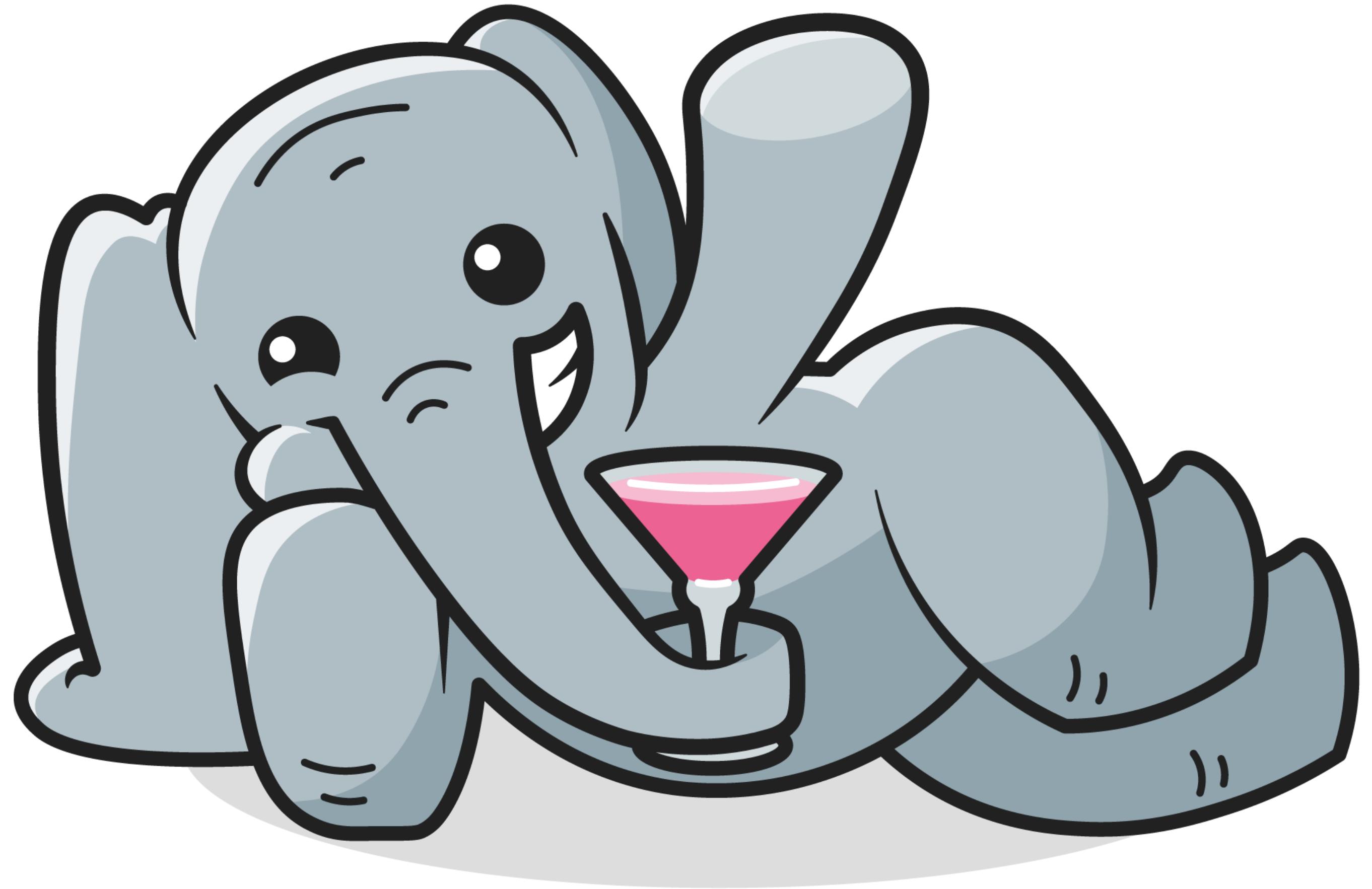
```
hyperion:~ davisd$ ls -l `which vi`  
lrwxr-xr-x 1 root wheel 3 27 Sep 2018 /usr/bin/vi -> vim  
hyperion:~ davisd$
```

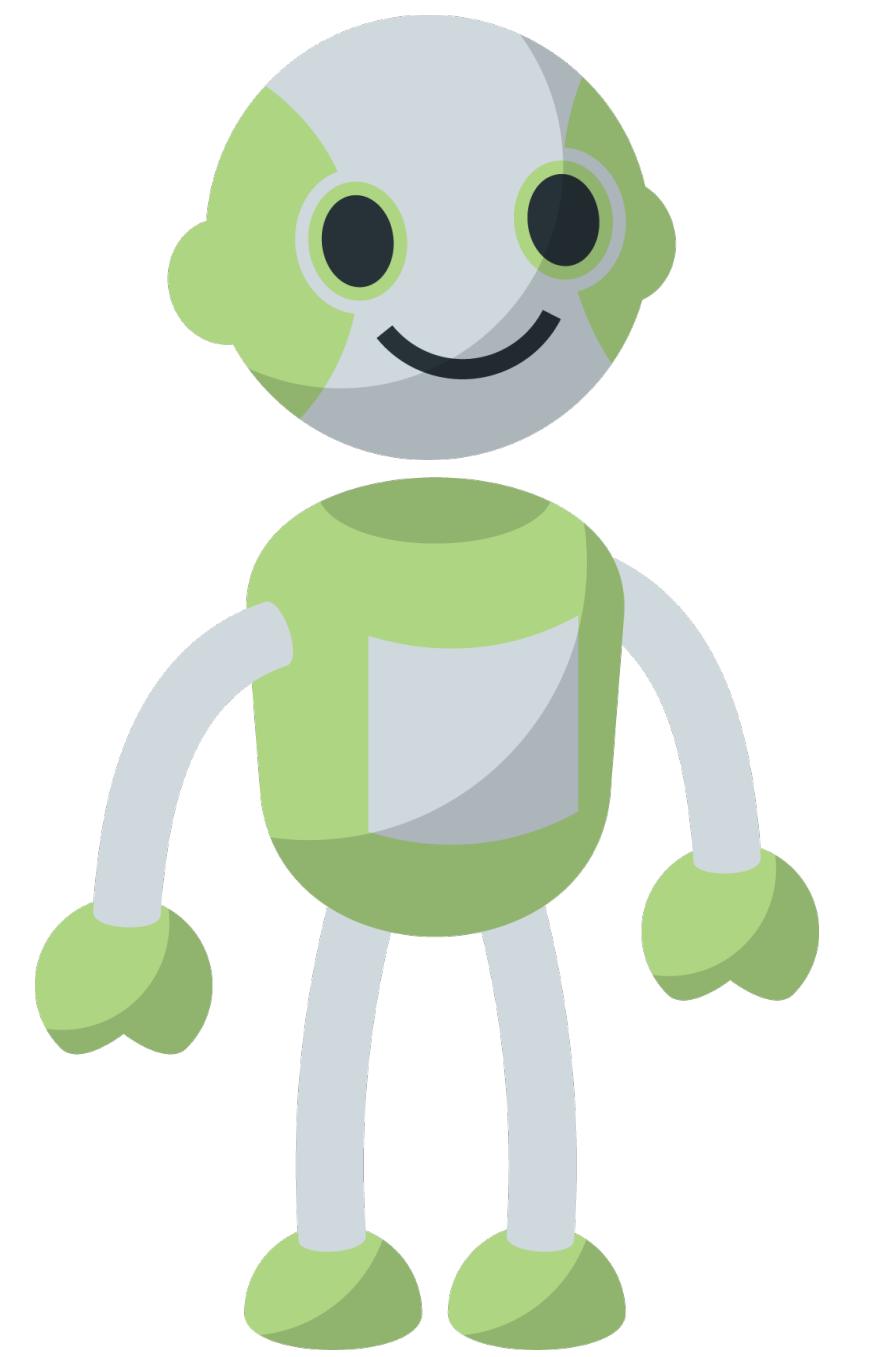
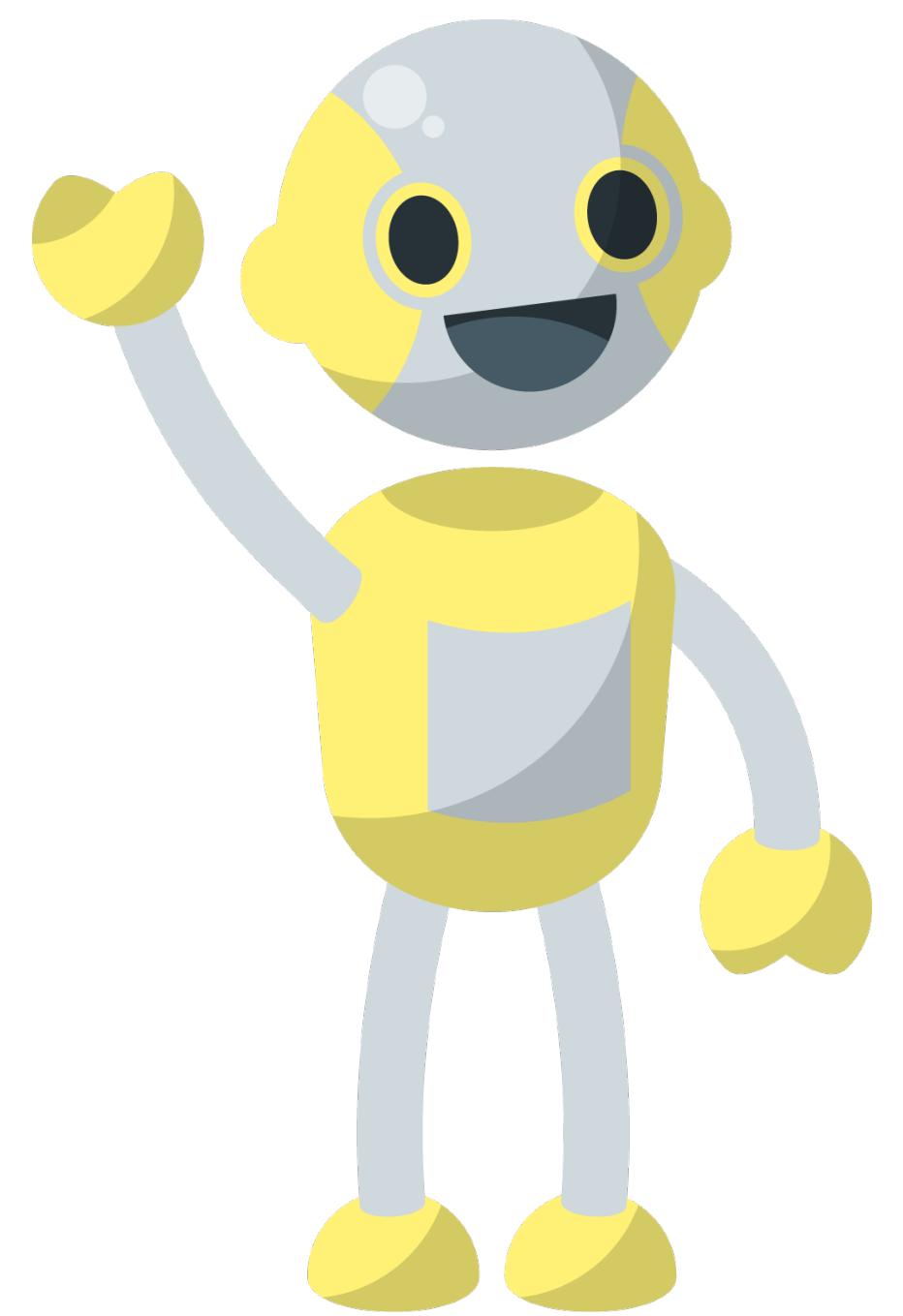
<ESC>:q!

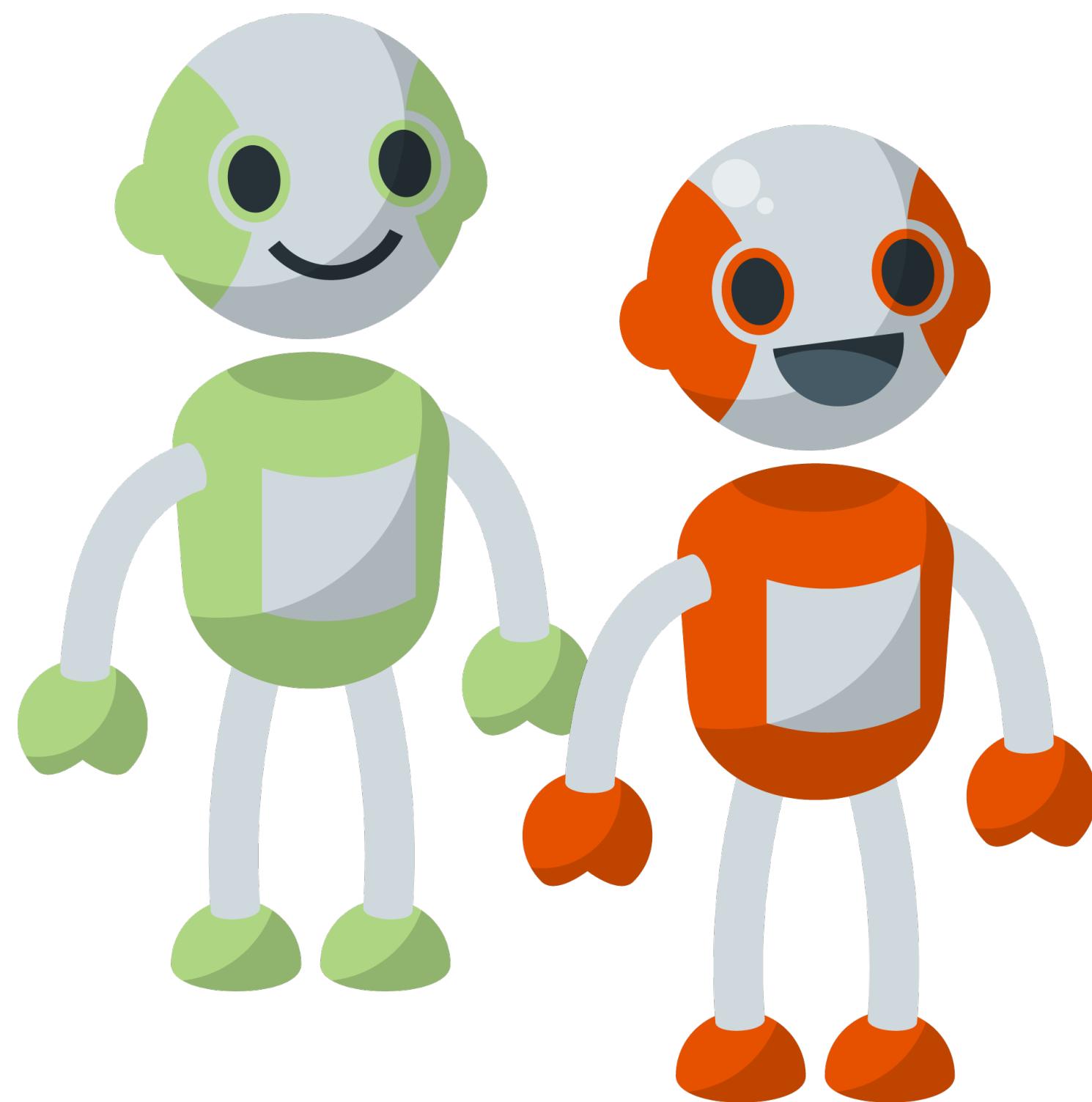
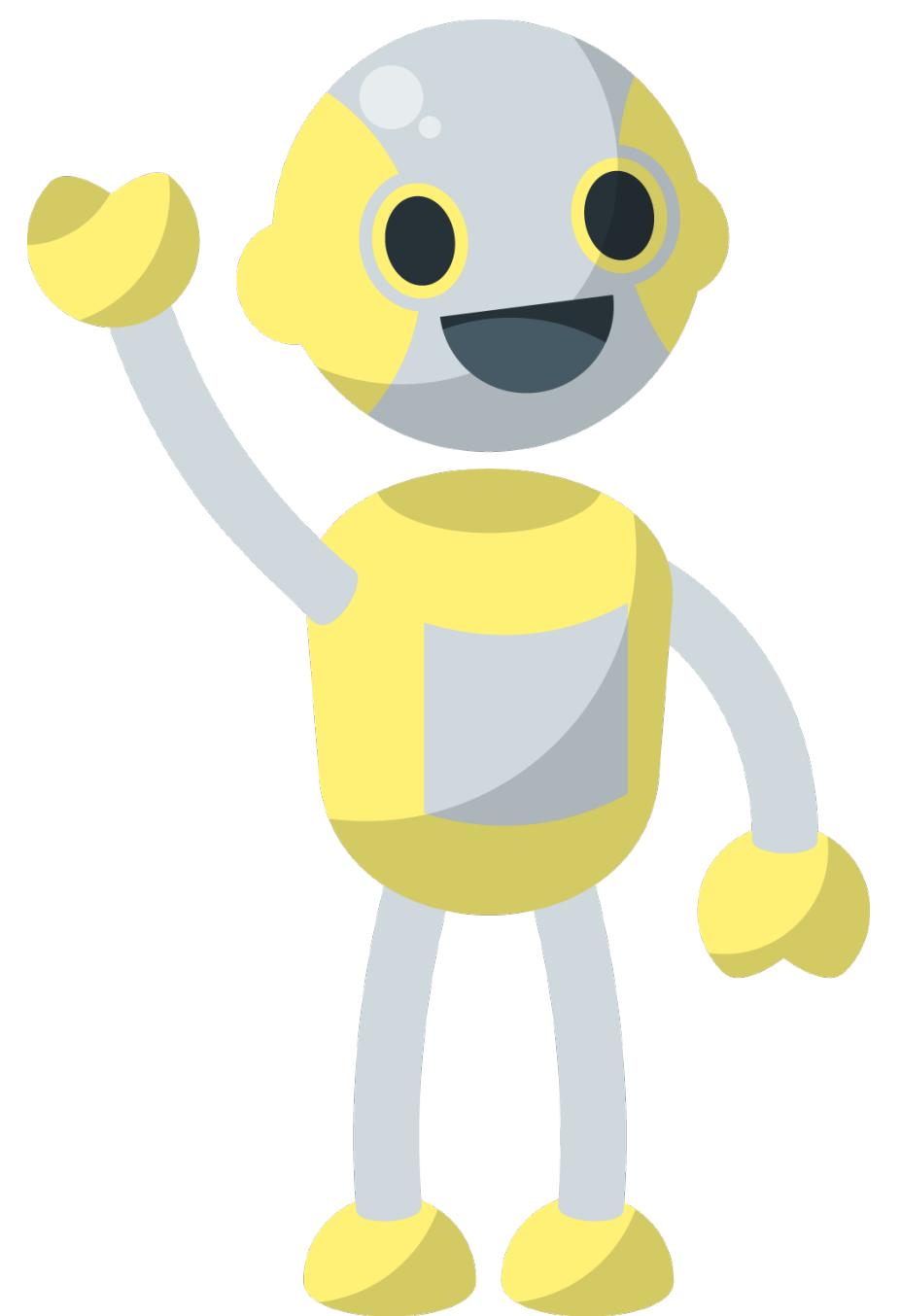


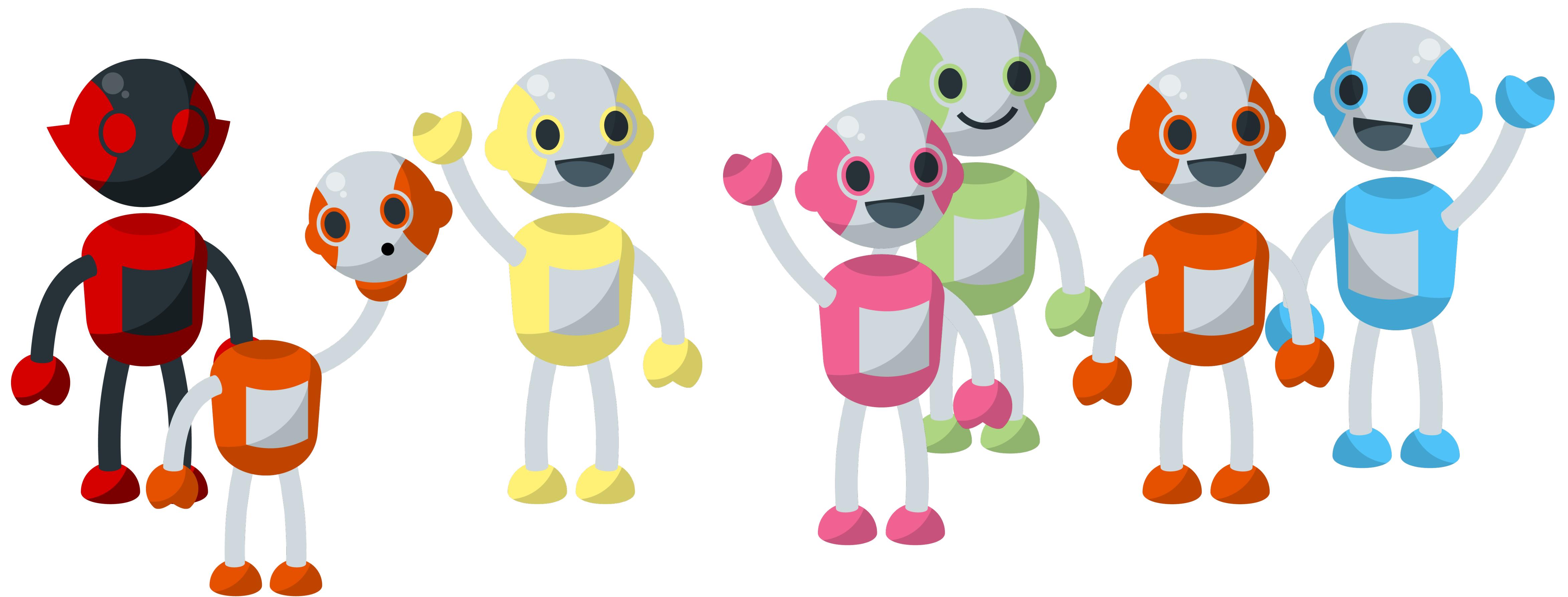


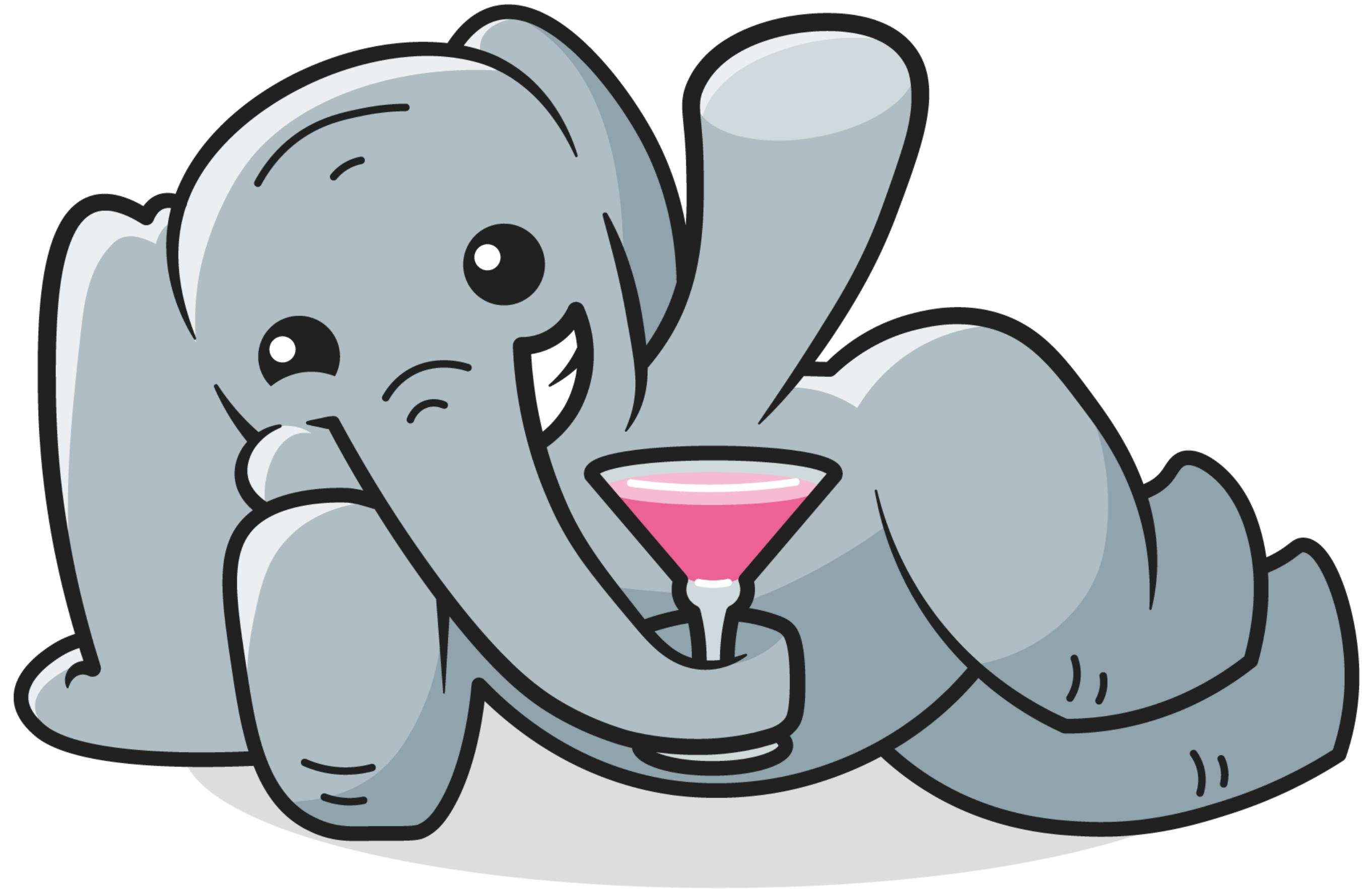


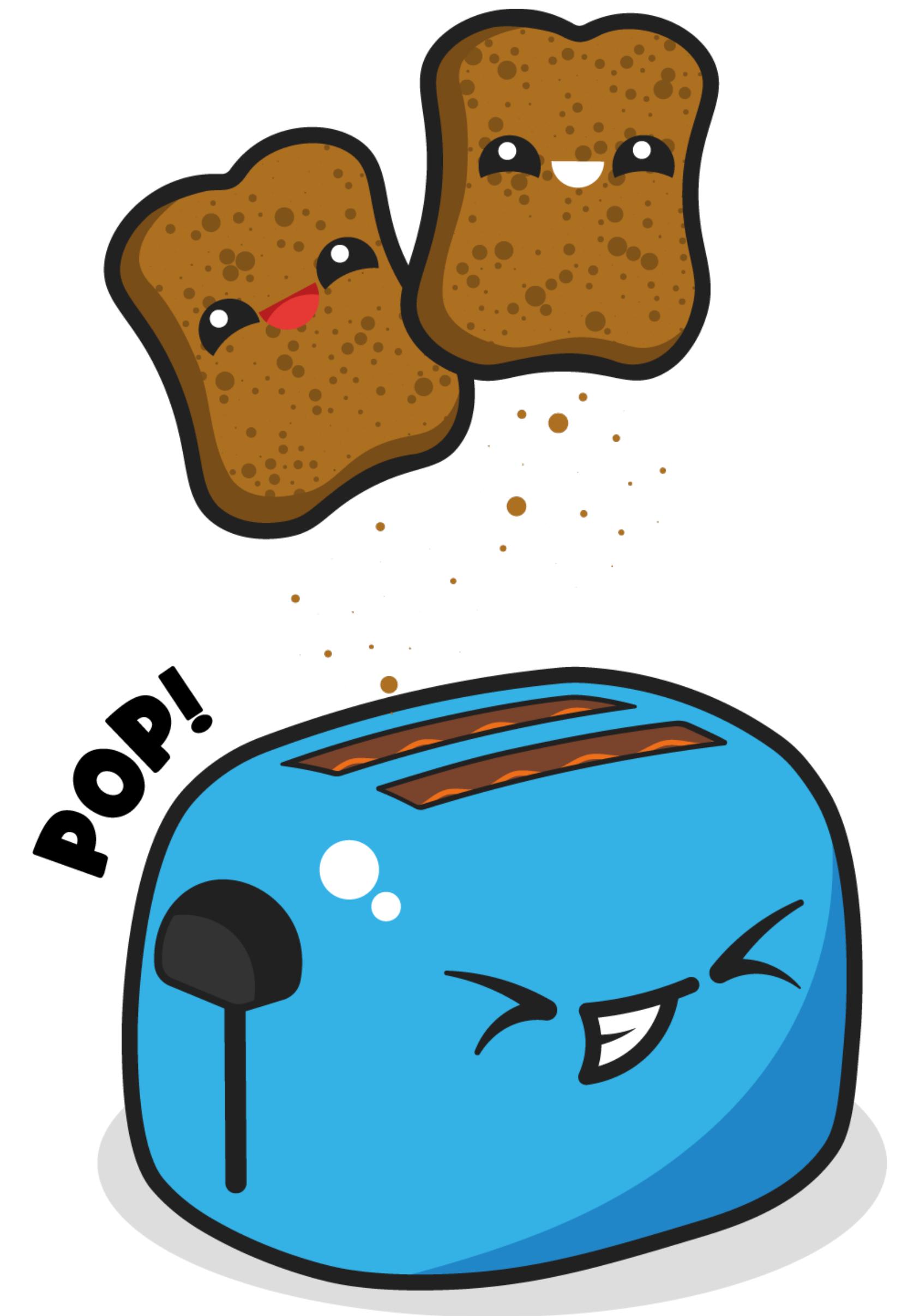


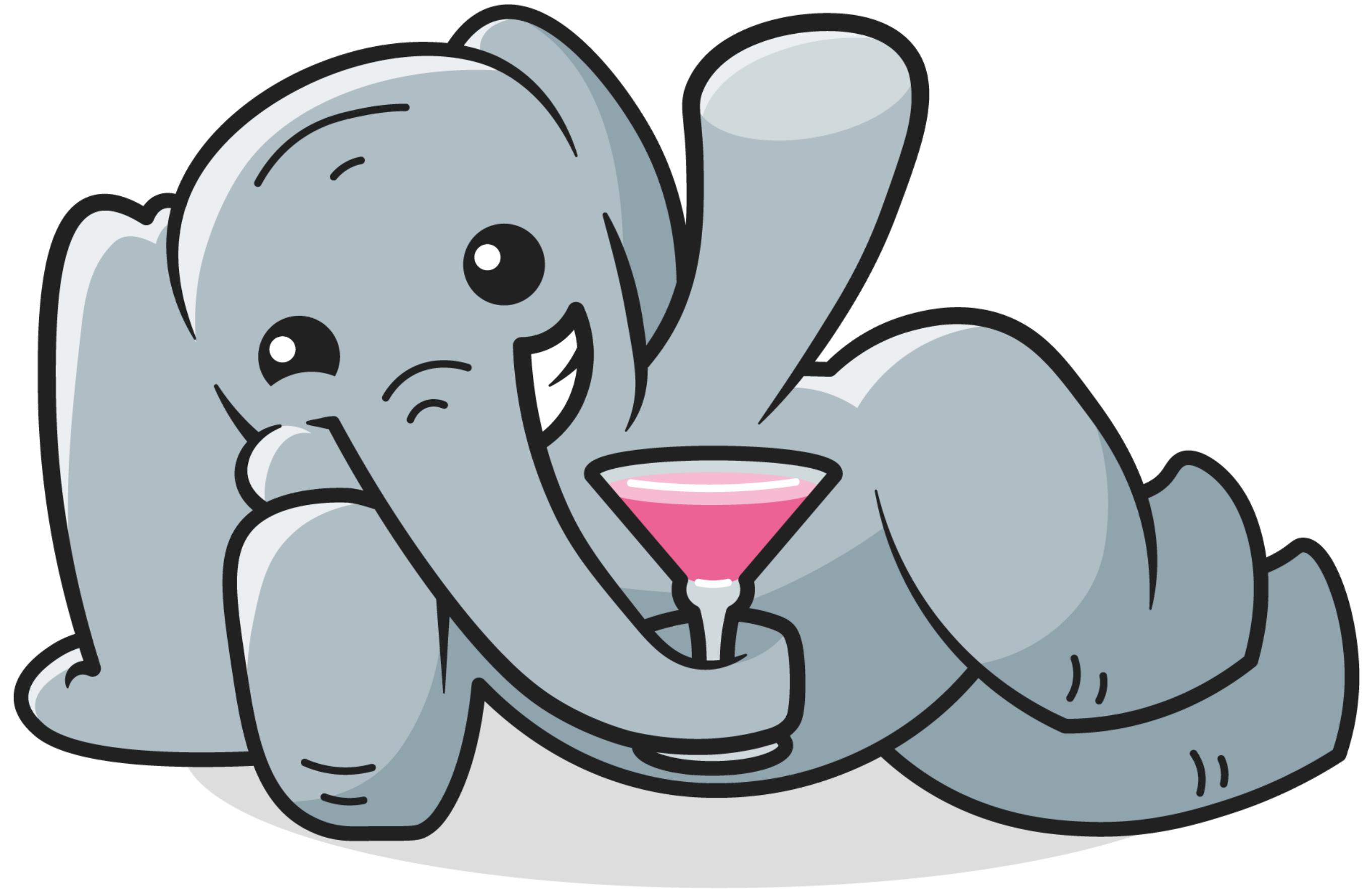


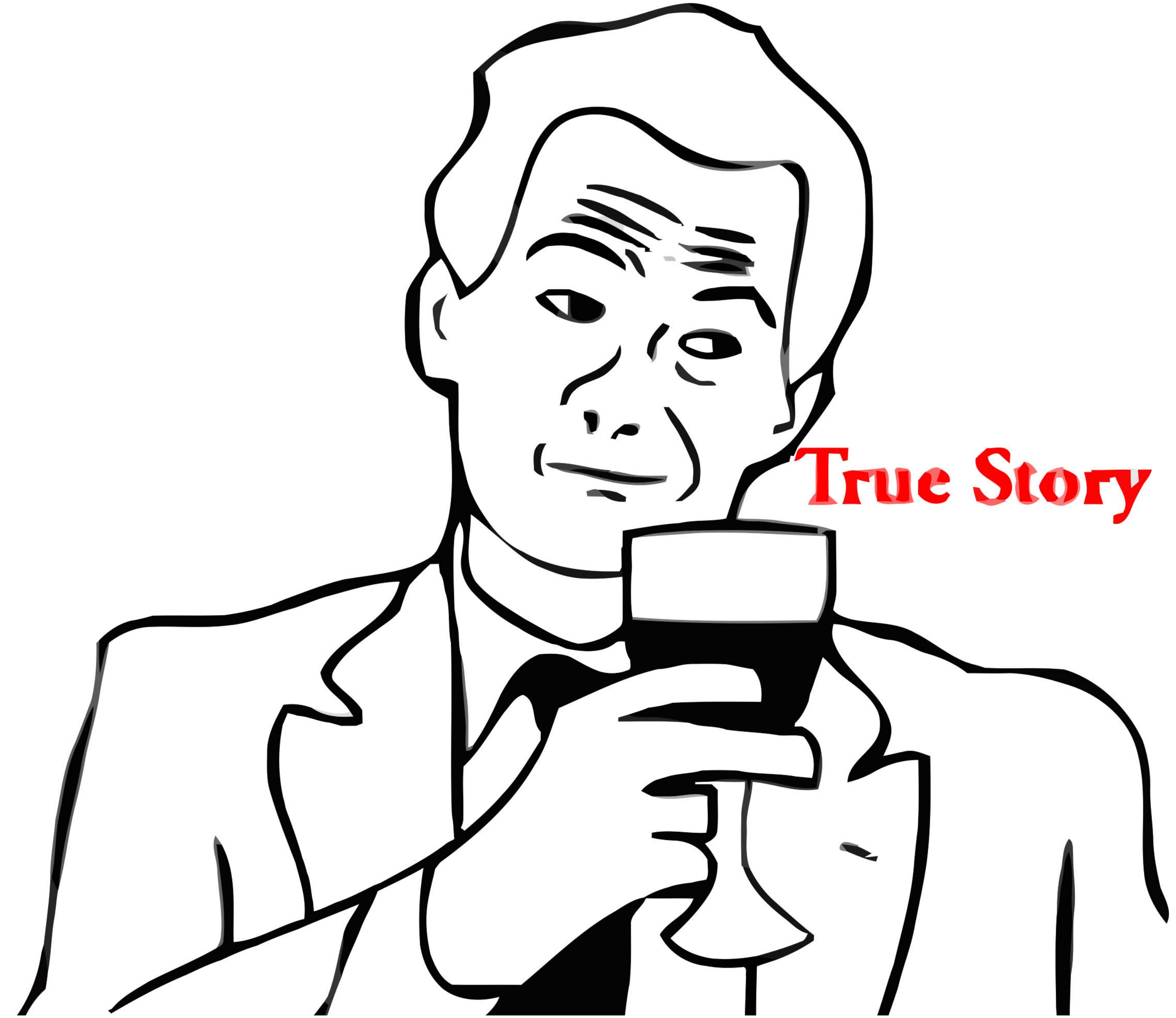












True Story



“And God said, Let there be light: and there was light.”

Genesis 3:1 - King James Bible

"Individuals and interactions over processes and tools."

Genesis 3:1 - The Agile Manifesto

```
# DETECTING GIMBAL LOCK  
LOCSKIRT EQUALS NOGIMLOC  
  
NOGIMLOC SET  
CALCMAN3  
WCALC LXC,1 DLOAD*  
RATEIDX # CHOOSE THE DESIRED MANEUVER RATE  
ARATE,1 # FROM A LIST OF FOUR  
SR4 CALL # COMPUTE THE INCREMENTAL ROTATION MATRIX  
DELCOMP # DEL CORRESPONDING TO A 1 SEC ROTATION  
# ABOUT COF  
DLOAD* VXSC  
ARATE,1  
COF  
ST0DL BRATE # COMPONENT MANEUVER RATES 45 DEG/SEC  
AM  
DMP DDV*  
ANGLTIME  
ARATE,1  
SR  
5  
STORE TM # MANEUVER EXECUTION TIME SCALED AS T2  
SETGO  
CALCMAN2 # D(OFF) = CONTINUE MANEUVER  
NEWANGL +1 # 1(ON) = START MANEUVER
```

```
L_M_BV_32 := TBD.T_ENTIER_32S ((1.0/C_M_LSB_BV) * G_M_INFO_DERIVE(T_ALG.E_BV));  
  
if L_M_BV_32 > 32767 then  
    P_M_DERIVE(T_ALG.E_BV) := 16#7FFF#;  
elsif L_M_BV_32 < -32768 then  
    P_M_DERIVE(T_ALG.E_BV) := 16#8000#;  
else  
    P_M_DERIVE(T_ALG.E_BV) := UC_16S_EN_16NS(TDB.T_ENTIER_16S(L_M_BV_32));  
end if;  
  
P_M_DERIVE(T_ALG.E_BH) :=  
    UC_16S_EN_16NS (TDB.T_ENTIER_16S ((1.0/C_M_LSB_BH) * G_M_INFO_DERIVE(  
        T_ALG.E_BH))));
```

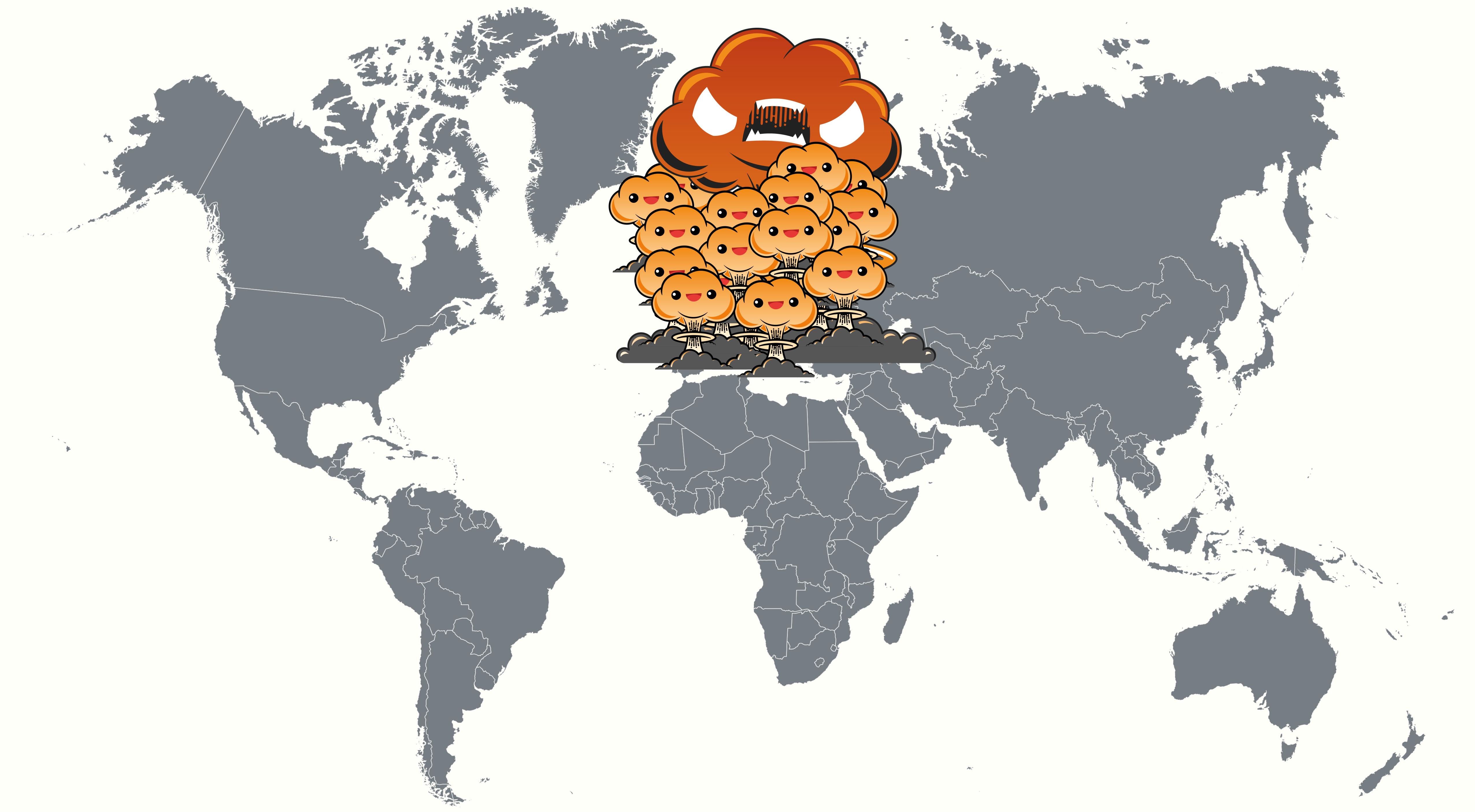














PEOPLE

A → B → C

A → B → C

A = C

A → B → C

A = B

A → B → C

B = C

A → B → C

A = B = C

A → B → C

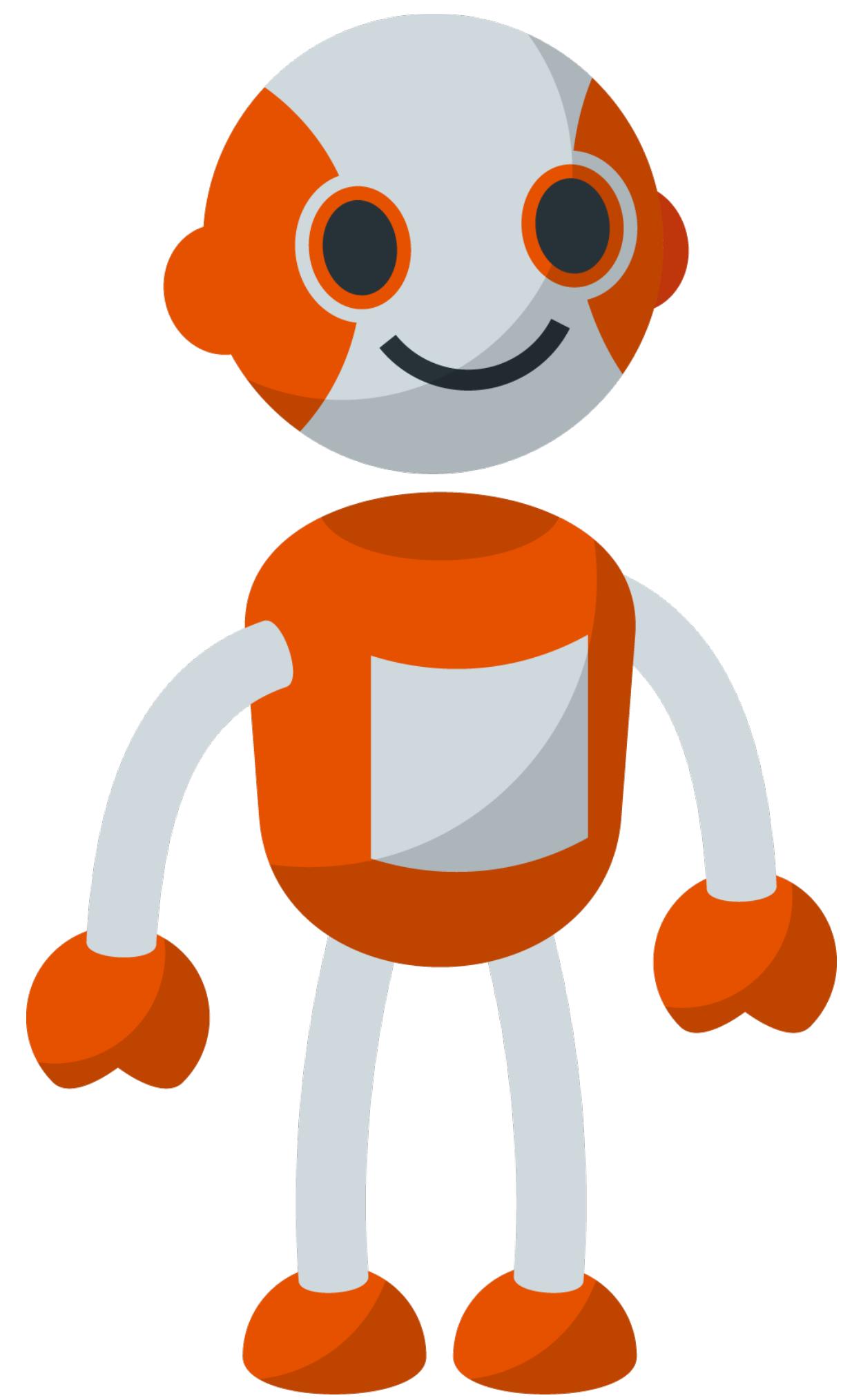
A = B = C

B_n = 1

A → B → C

A_n + B_n + C_n > 1

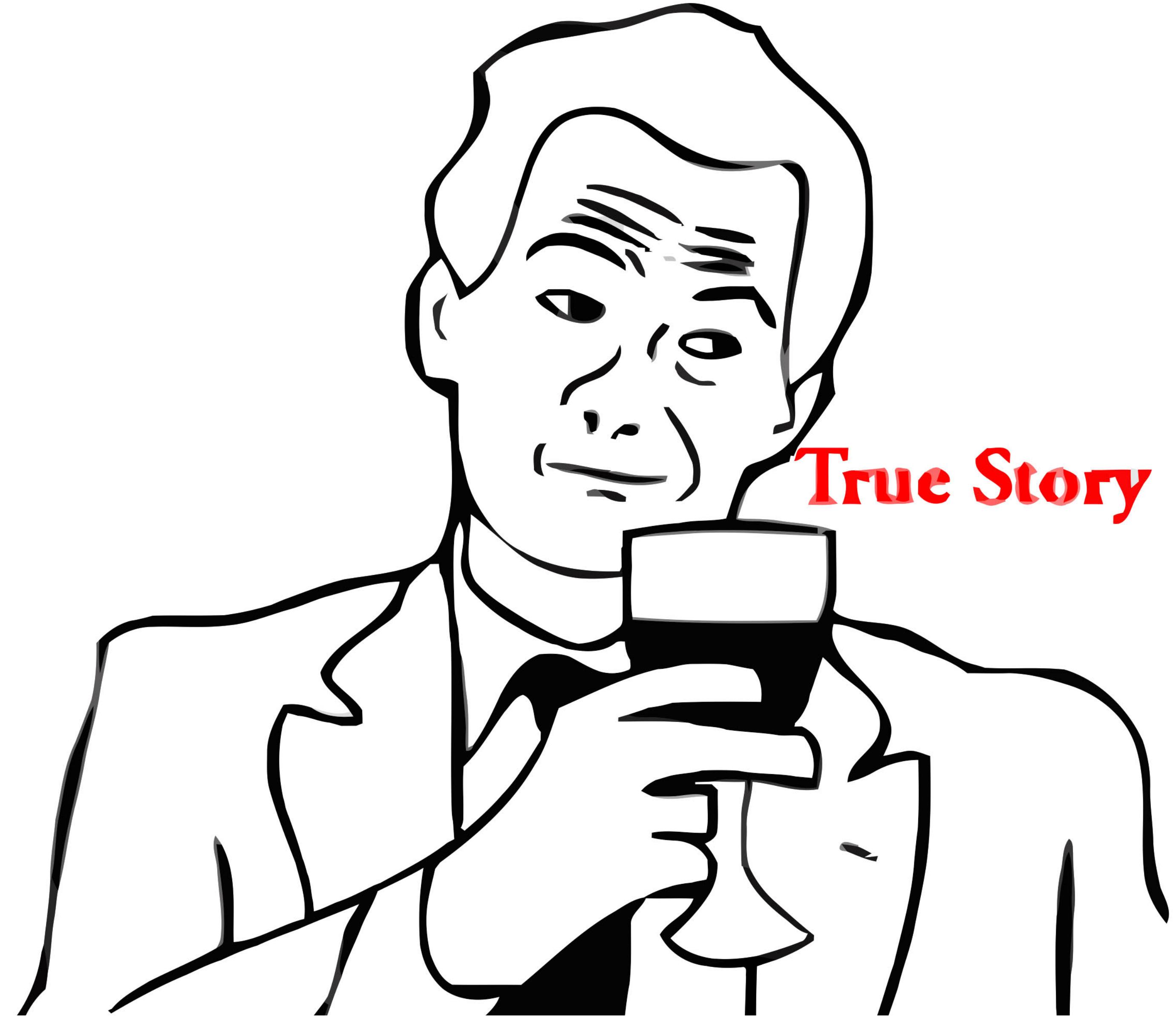




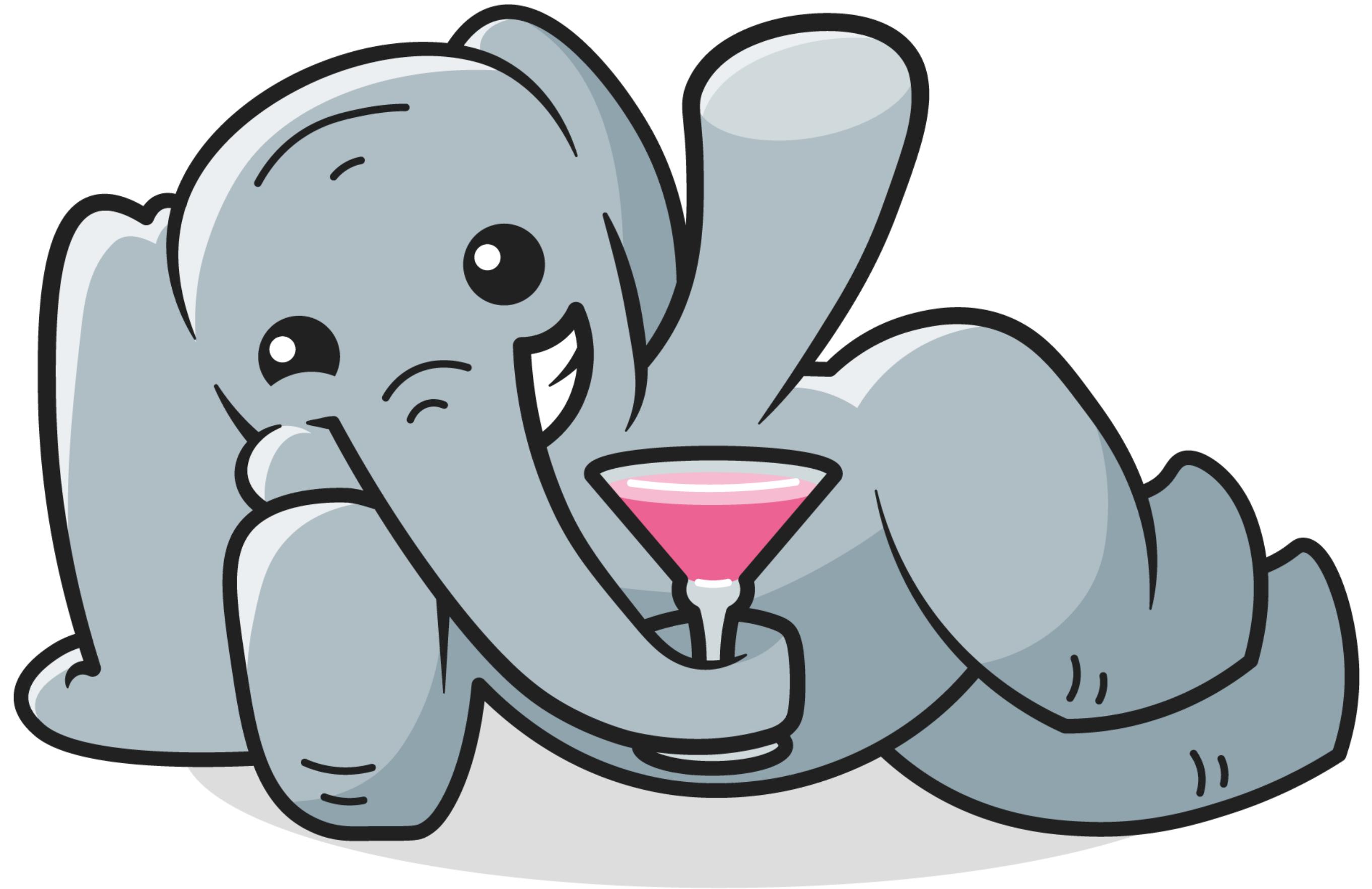
We shall use macOS, IntelliJ, AWS Lambda, Go, RDS!

"I...er...could you repeat the question?"

"WTF?"



True Story



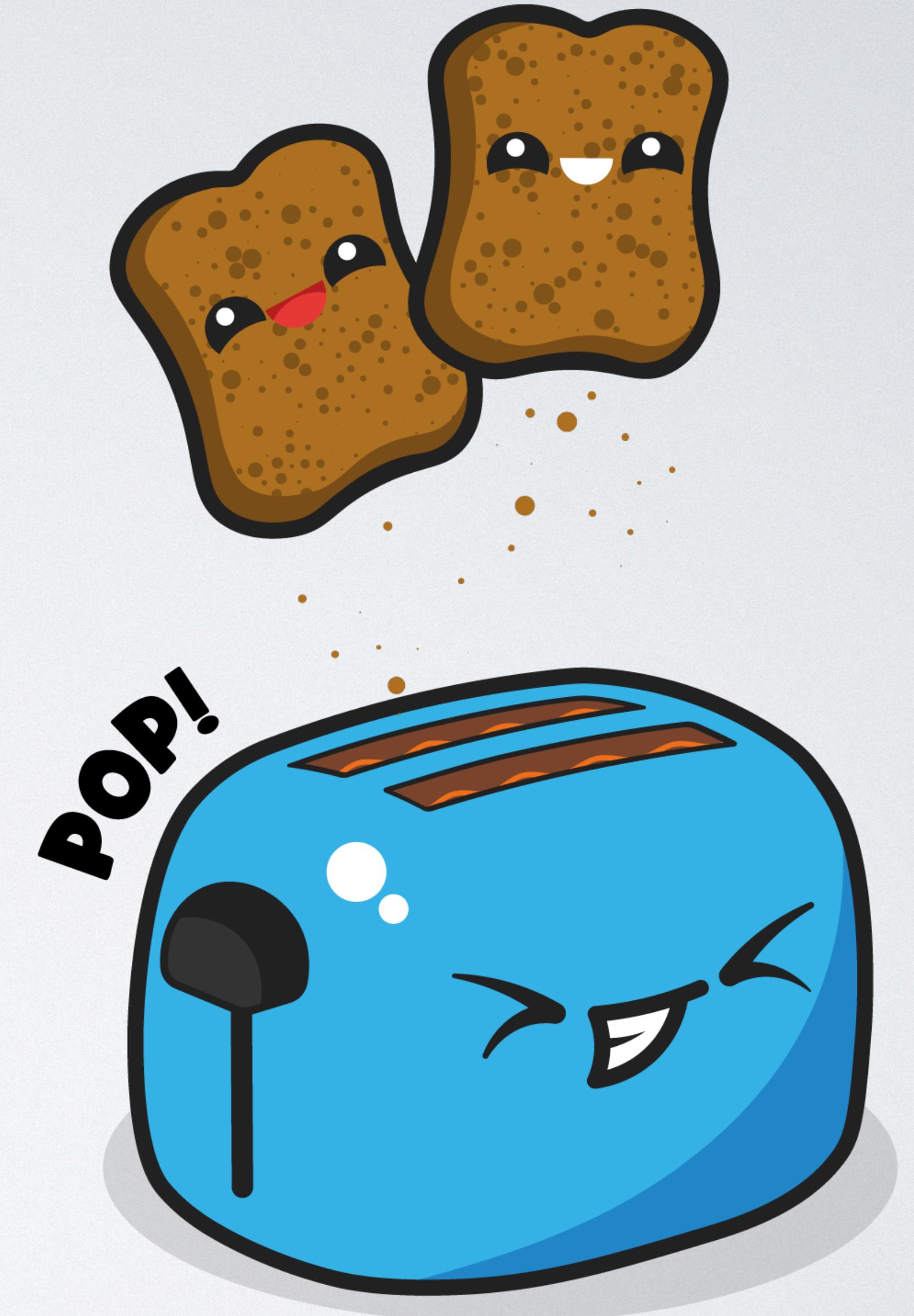
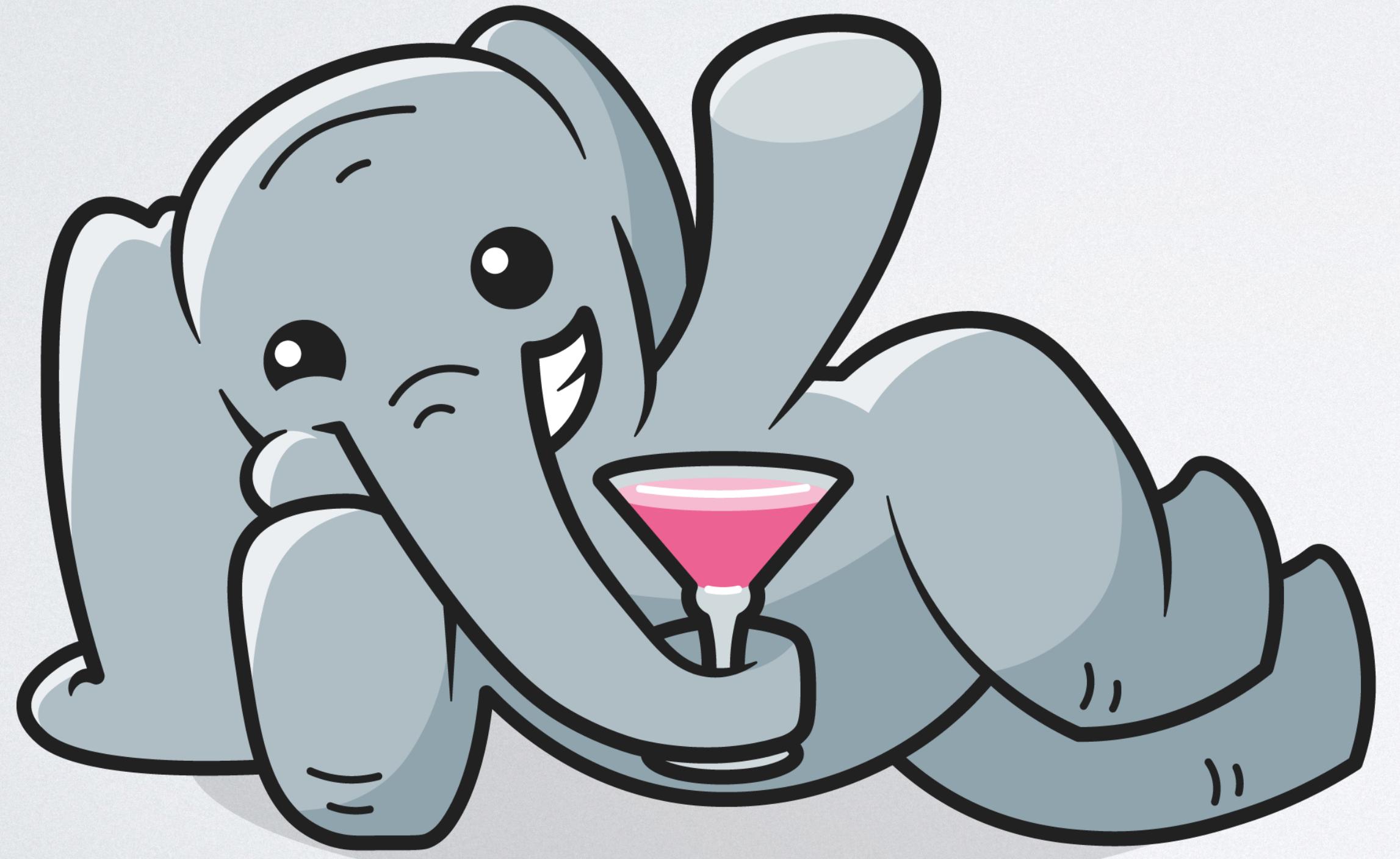








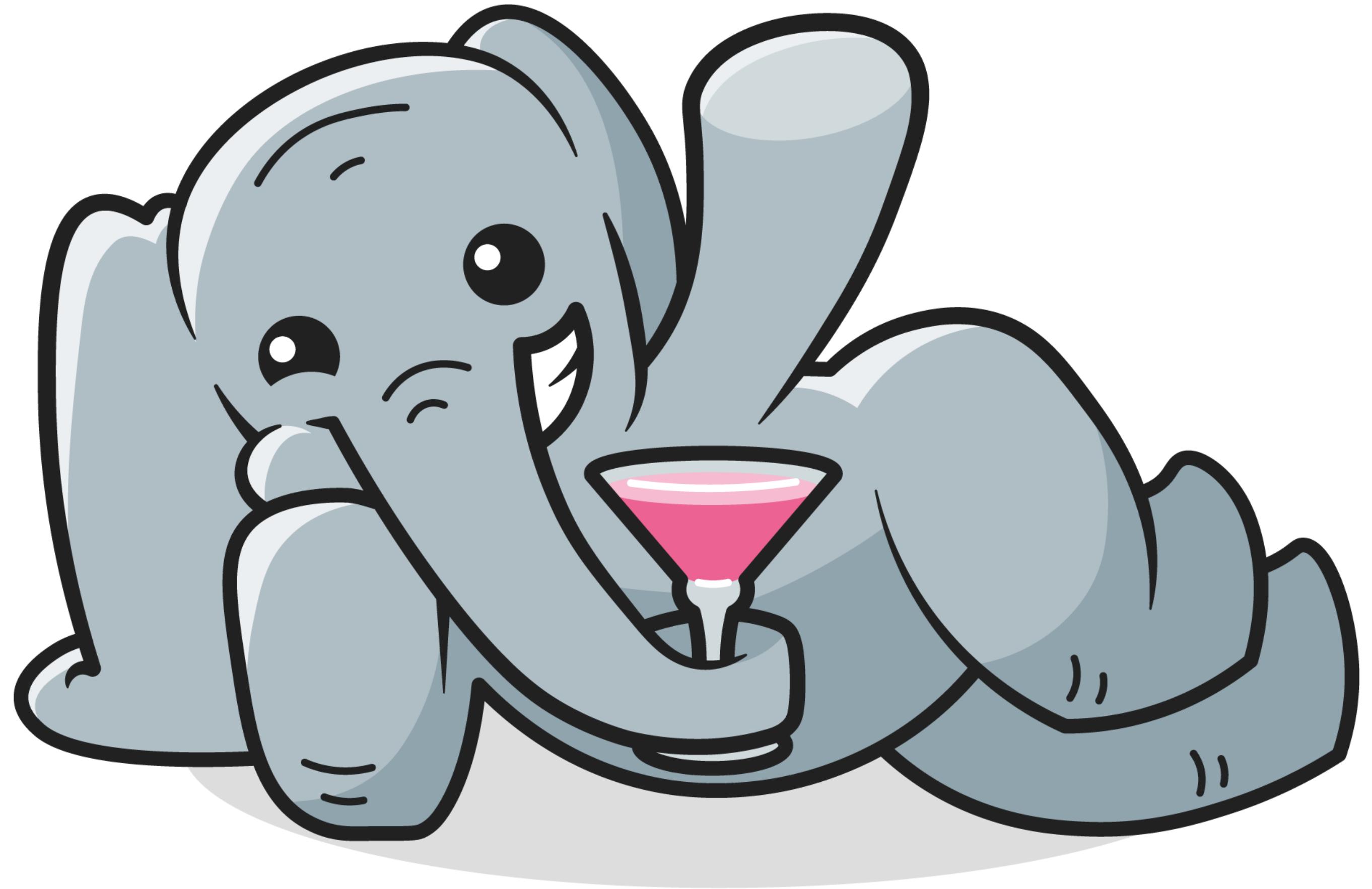




COMMUNICATE,
COMMUNICATE,
COMMUNICATE,
AND CONFIRM!

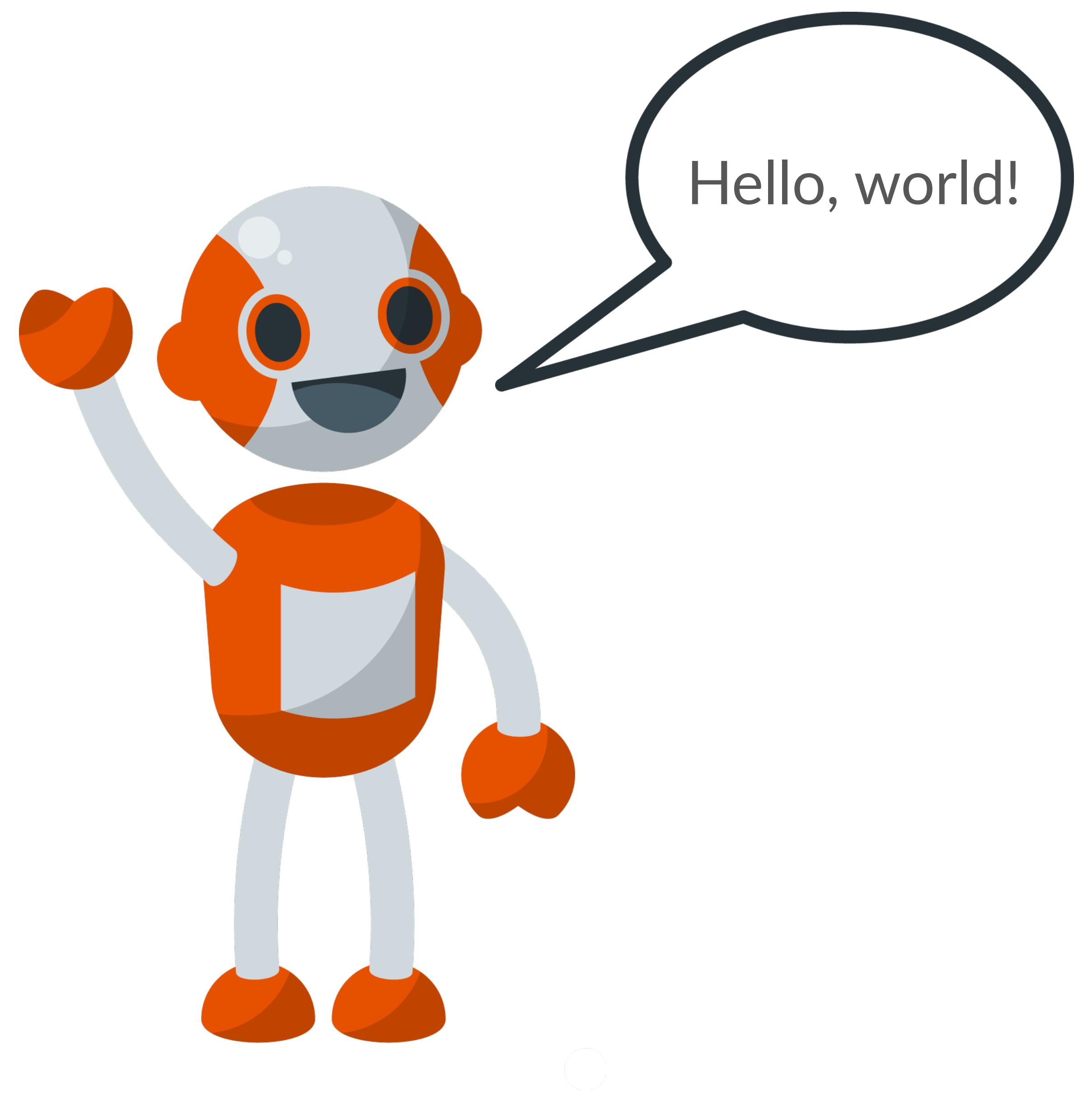
YOU'RE WRONG!





We're all on the same team.
We have the same goals.
If not, we need to talk.

Technology ("science of craft", from Greek τέχνη, *techne*, "art, skill, cunning of hand"; and -λογία, *-logia*^[2]) is the collection of **techniques**, **skills**, **methods**, and **processes** used in the production of **goods** or **services** or in the accomplishment of objectives, such as **scientific investigation**.

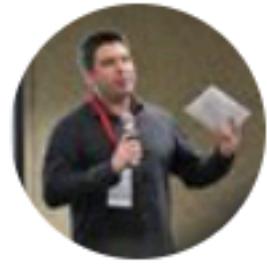




|

I DON'T

I DON'T KNOW!



Aaron Hodder

@AWGHodder

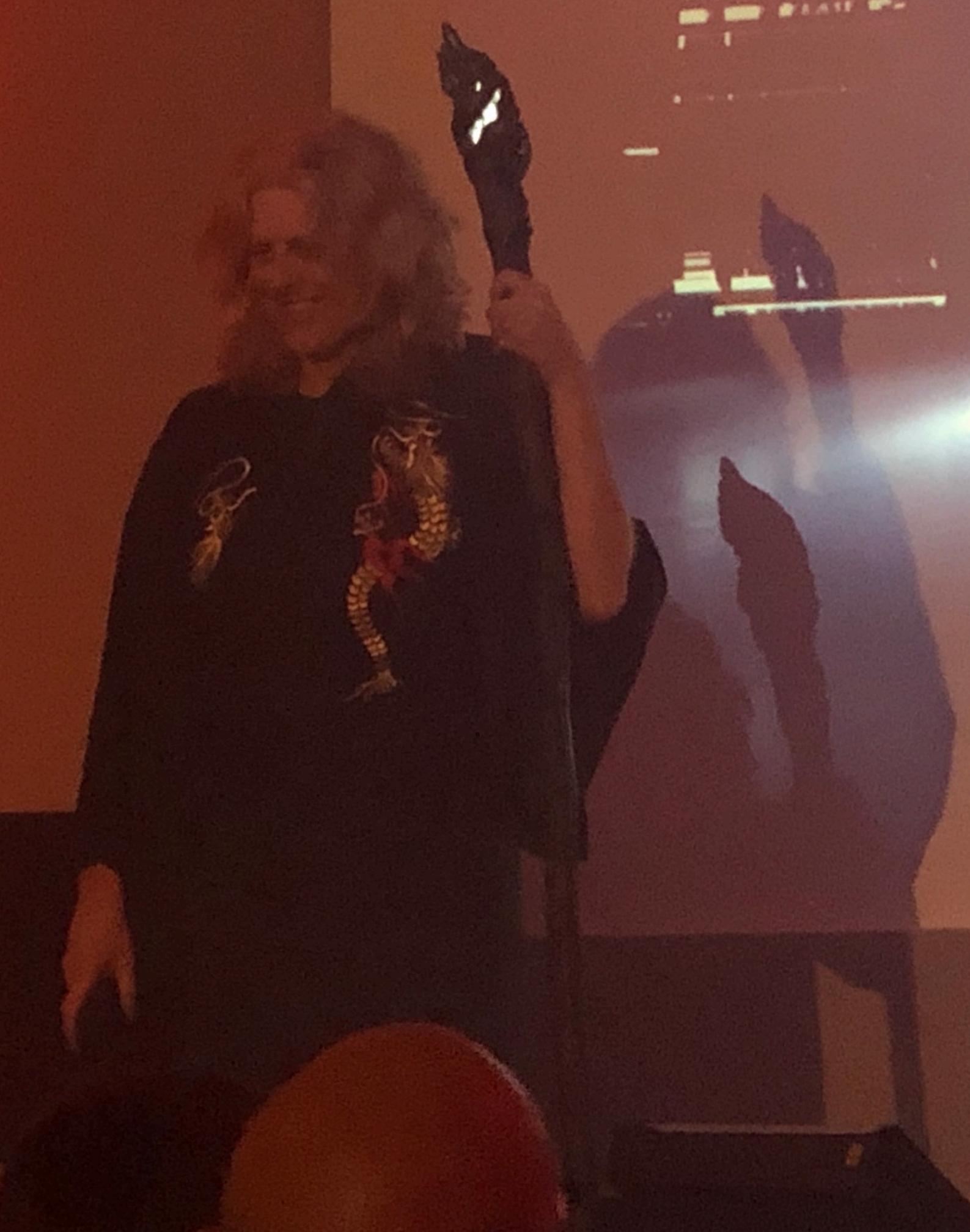
When someone says "come to me with solutions, not problems", I imagine them having that conversation with their smoke alarm.

1:57 AM - 4 Sep 2018 from [Wellington City, New Zealand](#)





set G
on



10x DEVELOPER

“I don't know off the top of my head.”

“I don't know off the top of my head.
Pretty sure it's on the wiki so you might be able to find out there.”

“I don't know, let me just get this function finished and I'll go dig out the code you need to look at. We can go through it together.”

NO IDEA

"How long will it take you to implement this poorly specified feature?"

"How long will it take you to implement this poorly specified feature?"

"Two weeks."

"How long will it take you to implement this poorly specified feature?"

"Two weeks."

"We need it in one."

"How long will it take you to implement this poorly specified feature?"

"Two weeks."

"We need it in one."

"OK, we'll get it done in one."

Have you tried not lying?

"How long will it take you to implement this poorly specified feature?"

"How long will it take you to implement this poorly specified feature?"

"No idea!"

"How long will it take you to implement this poorly specified feature?"

"No idea!"

"How long will it take you to implement this poorly specified feature?"

"No idea, I'll probably need a couple of hours to get a handle on the problem"

I HAVEN'T GOT A CLUE!

“I don't know. Haven't got a clue. Why?”

WHY?

“How can I help you achieve your goals?”



Chris Oldwood

@chrisoldwood

Productivity in programmers is not a measure of how much they do today but how much they don't have to do tomorrow.

11:30 AM - 25 Mar 2012

WRITING LESS DAMN CODE

16 Aug 2016 · [Share on Twitter](#)

I'm not the most talented coder in the world. No, it's true. So I try to write as little code as possible. The less I write, the less there is to break, justify, or maintain.

WRITING LESS DAMN CODE

16 Aug 2016 · [Share on Twitter](#)

I'm not the most talented coder in the world. No, it's true. So I try to write as little code as possible. The less I write, the less there is to break, justify, or maintain.

I'm also lazy, so it's all gravy. (*ed: maybe run with a food analogy?*)





By Staff Sgt. Aaron Allmon II - <http://www.defenselink.mil/>, Public Domain, <https://commons.wikimedia.org/w/index.php?curid=3770855>



By U.S. Air Force photo by Staff Sgt. Bennie J. Davis III - This Image was released by the United States Air Force with the ID 040130-F-0000C-002









Boeing 737 MAX groundings

From Wikipedia, the free encyclopedia

In March 2019, airlines and governments around the world grounded the [Boeing 737 MAX](#) passenger airliner after two crashes of the aircraft within five months killed all 346 people onboard both flights. On October 29, 2018, [Lion Air Flight 610](#) crashed into the [Java Sea](#) twelve minutes after takeoff with 189 passengers and crew. On March 10, 2019, [Ethiopian Airlines Flight 302](#) crashed six minutes after takeoff with 157 passengers and crew.

In each accident, the aircraft was less than four months old. Satellite tracking data showed similar flight profiles, which indicated that soon after takeoff both airplanes pitched down multiple times and experienced extreme fluctuations in upward and downward speed, as the pilots evidently struggled for control. Both pilots radioed their intention to return to the airport.^{[1][2]} Attention quickly focused on an automated anti-stall flight control system, "MCAS", newly introduced on the 737 MAX.

On March 11, Ethiopian Airlines announced it grounded its 737 MAX 8 fleet "effective yesterday March 10".^{[3][4]} On March 11, the [China Civil Aviation Administration](#), citing its zero-tolerance policy for any safety hazards, became the first government authority to ground its 737 MAX 8 aircraft.^{[5][6]} In the next two days, countries and airlines around the world either grounded or prohibited the aircraft from flying in their airspace.^{[7][8][9][10]}

In the U.S., the [Federal Aviation Administration](#) initially stated it had not received any evidence to justify taking action against the 737 MAX.^[11] On March 13 President Trump announced a policy reversal and said the U.S. would ground the aircraft.^{[12][13][14]} The FAA explained that new information about the similarity of the two crashes supported the government's decision and said there was a "possibility of a shared cause" for the accidents.^{[15][12]} There were a total of 387 737 MAX aircraft worldwide at the time of the FAA grounding.^[16]

The [U.S. Department of Transportation](#) (DOT) [Inspector General](#) opened an investigation into the [FAA's](#) approval of the Boeing 737 MAX aircraft series; the probe focuses on potential failures in the FAA's [safety-review and certification process](#). The day after the Ethiopian Airlines crash, a federal [grand jury](#) issued a subpoena on behalf of the [U.S. Justice Department](#) for documents related to development of the 737 MAX.^[17]

Boeing 737 MAX groundings



A Boeing 737 MAX 8 in Boeing livery

Date March 11, 2019 – ongoing (1 month)

Cause Crashes of [Ethiopian Airlines Flight 302](#) and [Lion Air Flight 610](#) within five months.

Deaths 346 in total

- 189 on [Lion Air Flight 610](#)
- 157 on [Ethiopian Airlines Flight 302](#)

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- 1.1 [737 MAX design](#)
- 1.2 [Lion Air Flight 610 crash](#)
- 1.3 [Ethiopian Airlines Flight 302 crash](#)
- 1.4 [Pilot complaints](#)

2 Response

- 2.1 [Timeline of regulatory responses](#)
 - 2.1.1 [March 11](#)
 - 2.1.2 [March 12](#)
 - 2.1.3 [March 13](#)





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In March 2019, airlines and governments around the world grounded the Boeing 737 MAX passenger airliner after two crashes of the aircraft within five months killed all 346 people onboard both flights.

Boeing 737 MAX groundings



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Timeline March 11, 2019 – ongoing (1 month)
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 - 2.1.2 [March 12](#)
 - 2.1.3 [March 13](#)



MCAS

MCAS

Maneuvering Characteristics Augmentation







Liz Thompson
@PokeltAndSee

A lovely early morning @KevlinHenney in the cold Oslo suburbs. Seems to be a fairly fundamental refusal to co-operate from the machine there



5:22 AM - 10 Apr 2019



OUCH
ANTIQUES



Emily Webber 

@ewebber

Follow



“Why have difficult conversations when you can talk about tools instead” If anyone wants this as a print ready pdf file to make stickers, here it is emilywebber.co.uk/tools_sticker....

**Why have
difficult
conversations
when you can
talk about
tools instead?**

9:06 AM - 28 Mar 2019

“Any fool can write code that a computer can understand. Good programmers write code that humans can understand.”

Martin Fowler

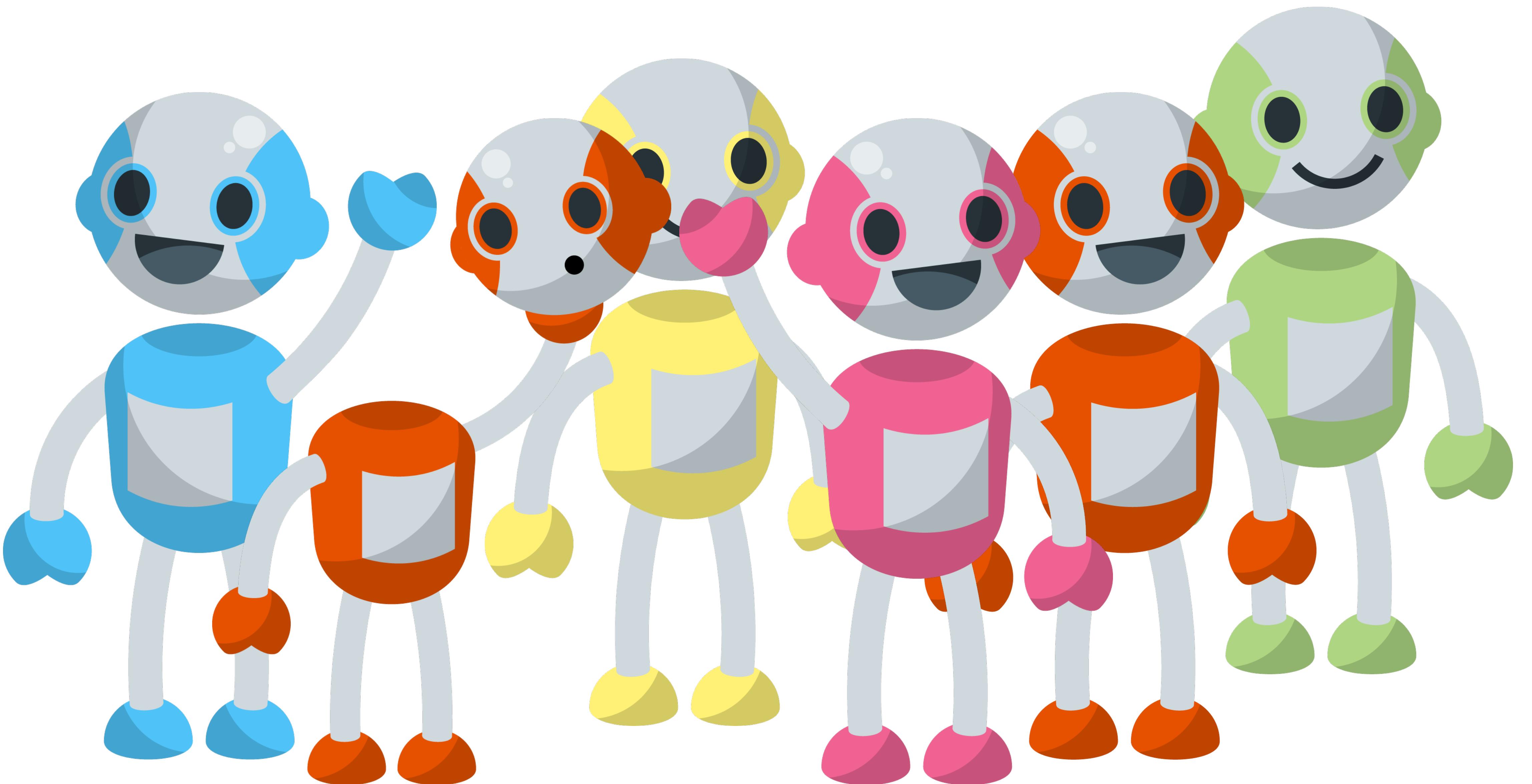


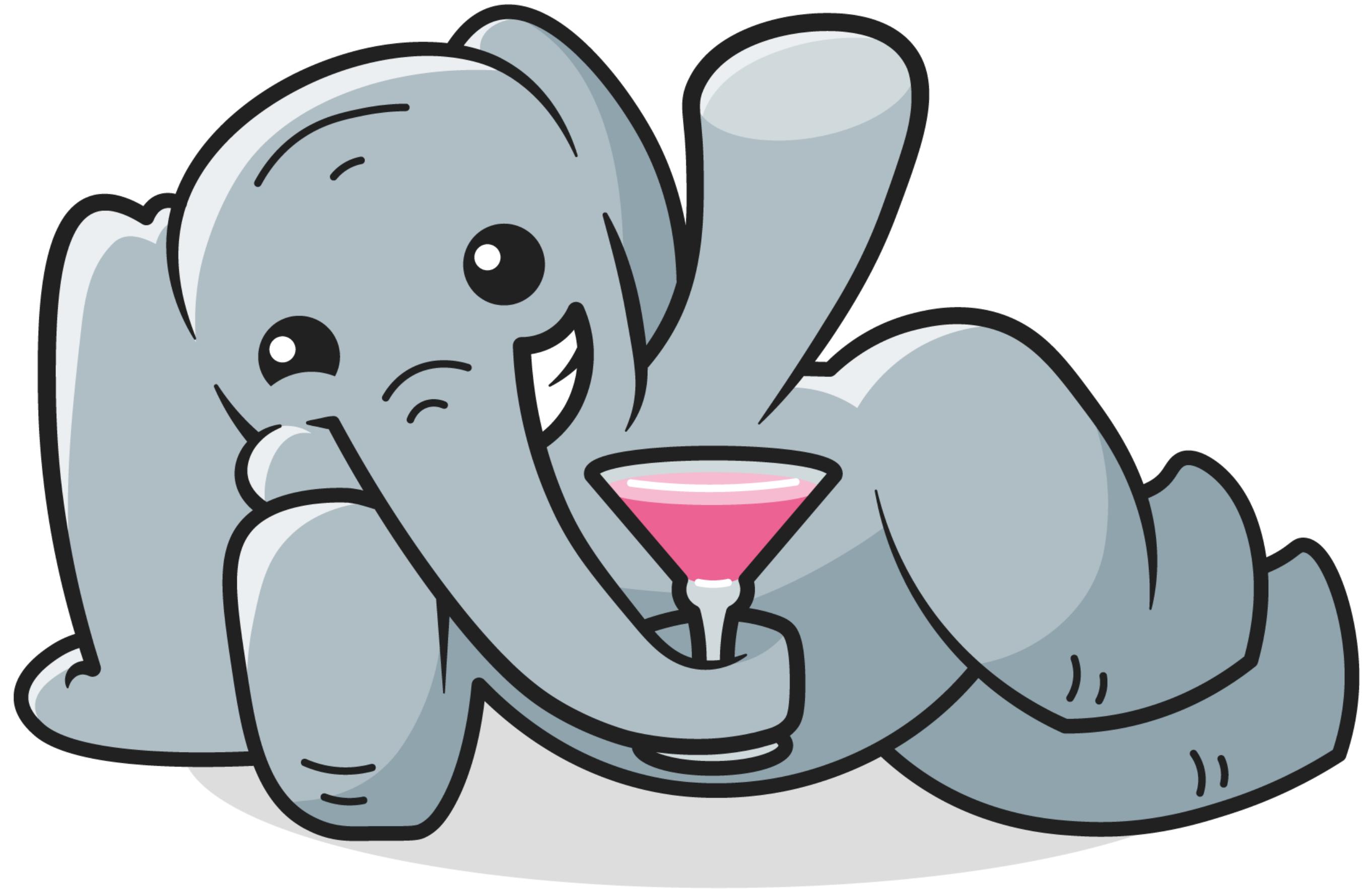
Kent Beck

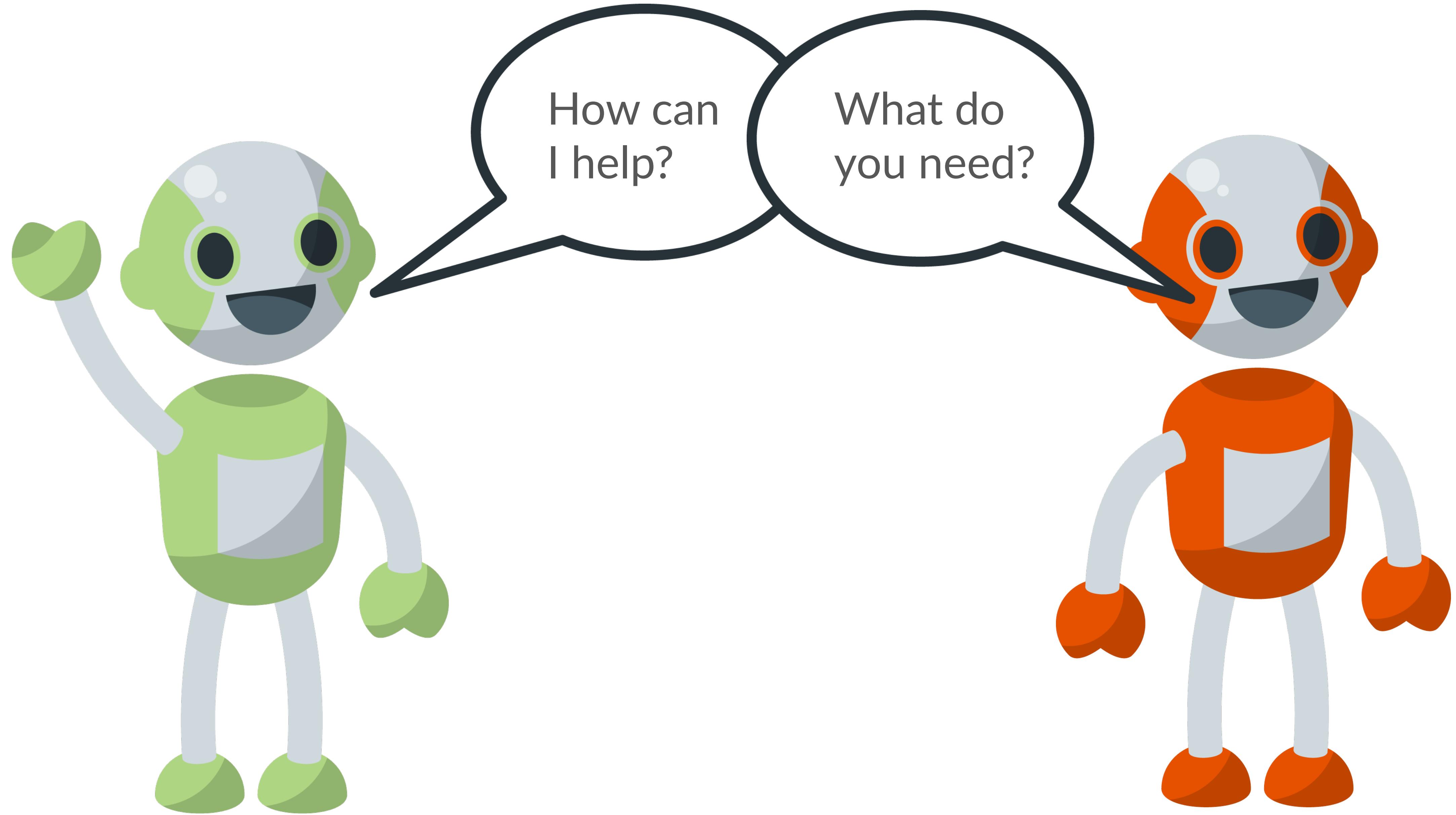
@KentBeck

If there's one lesson I would like the next generation of developers to learn, it is to spend less time doing hard things and more time making hard things easy. Customers benefit from the former. Customers and peers and we ourselves benefit from the latter.

2:57 PM - 28 Mar 2019

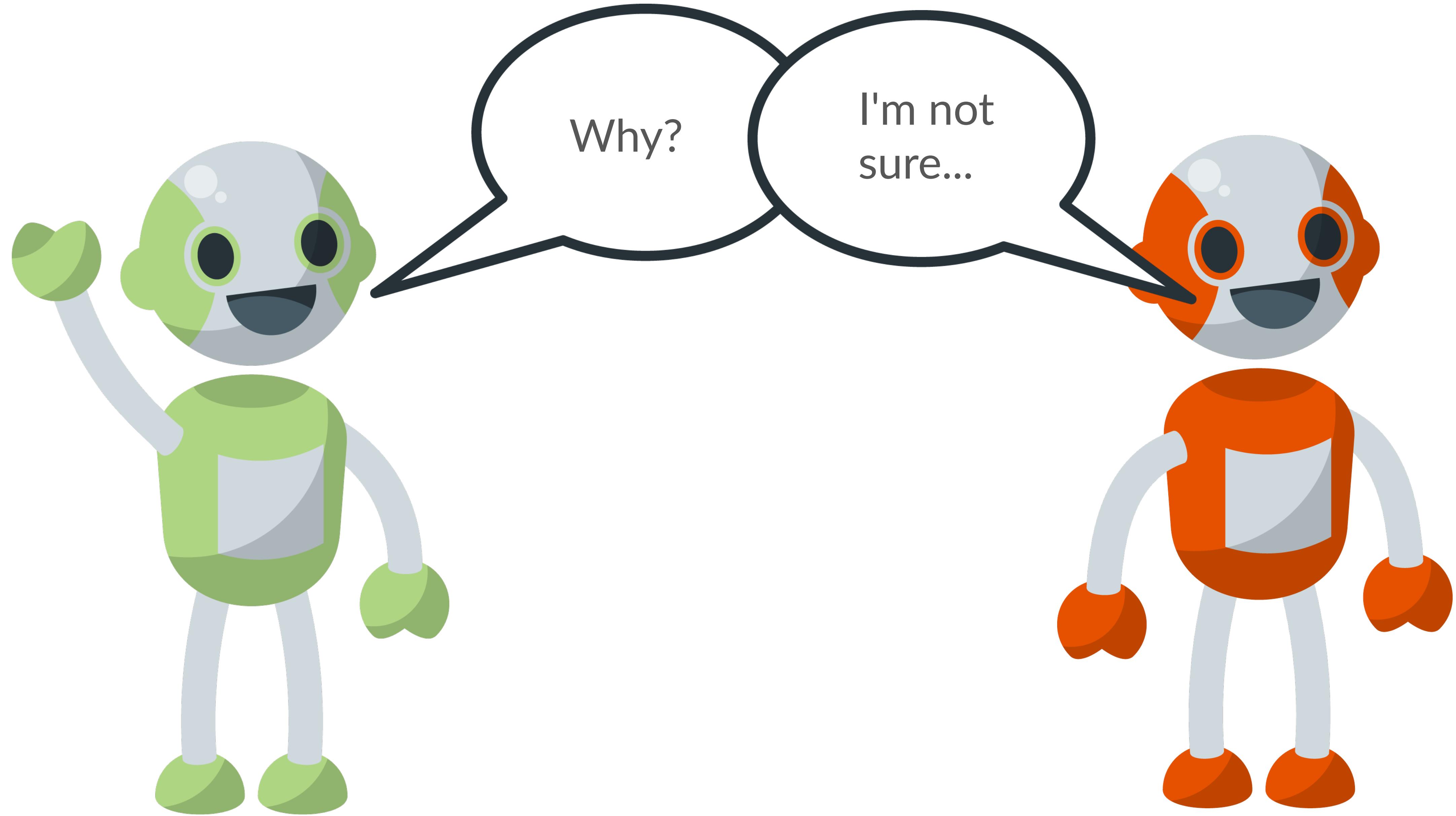


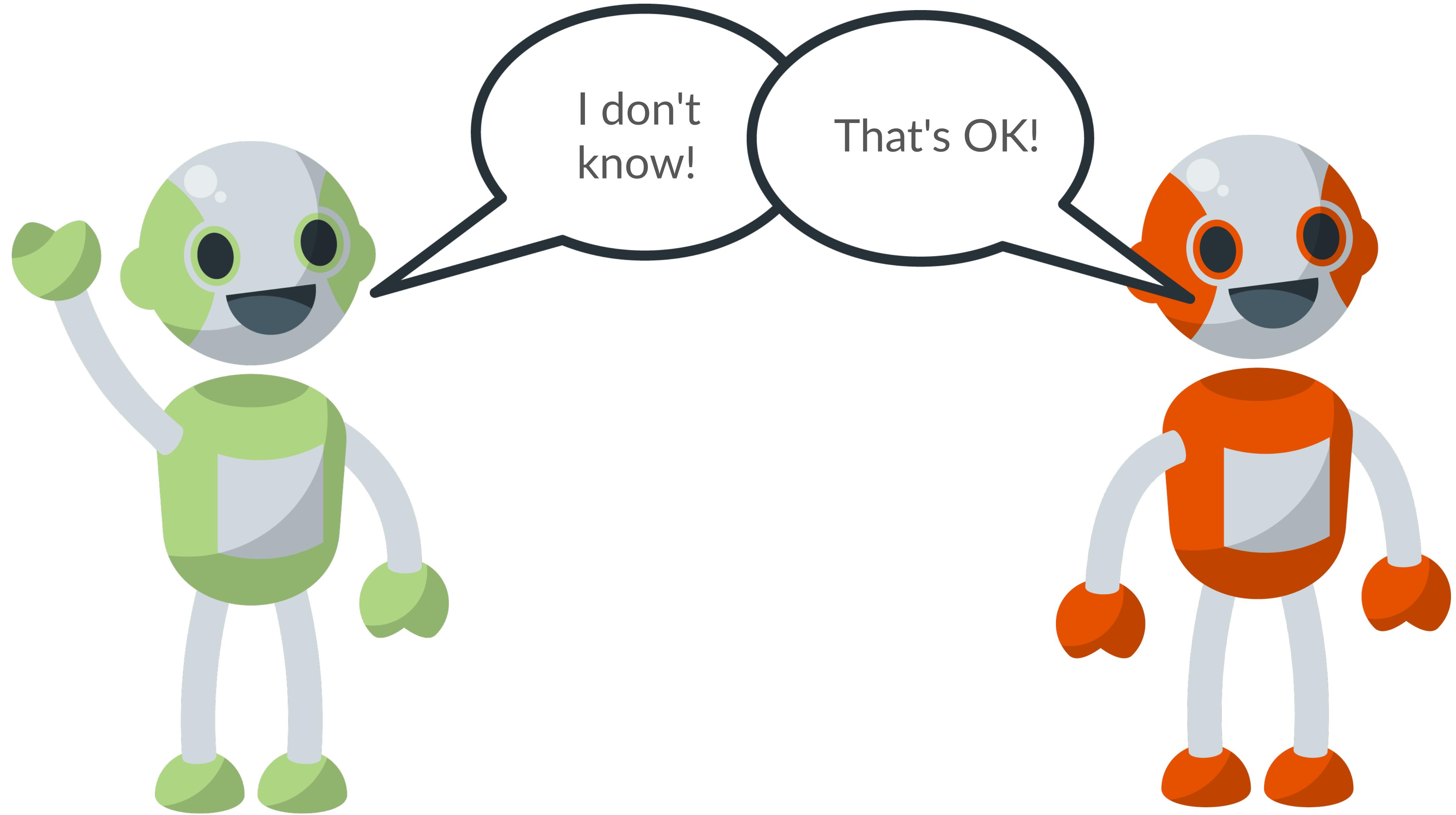


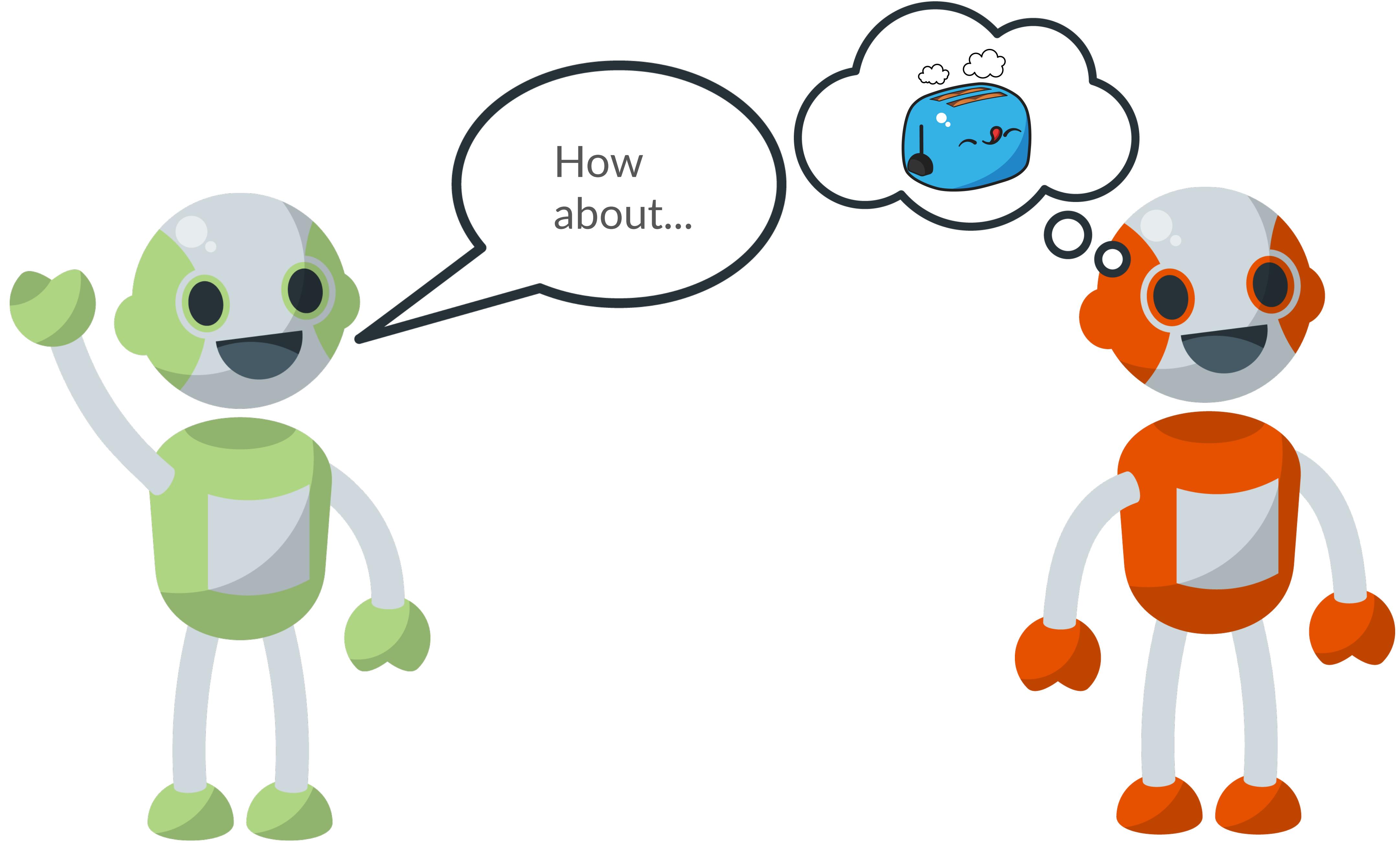


How can
I help?

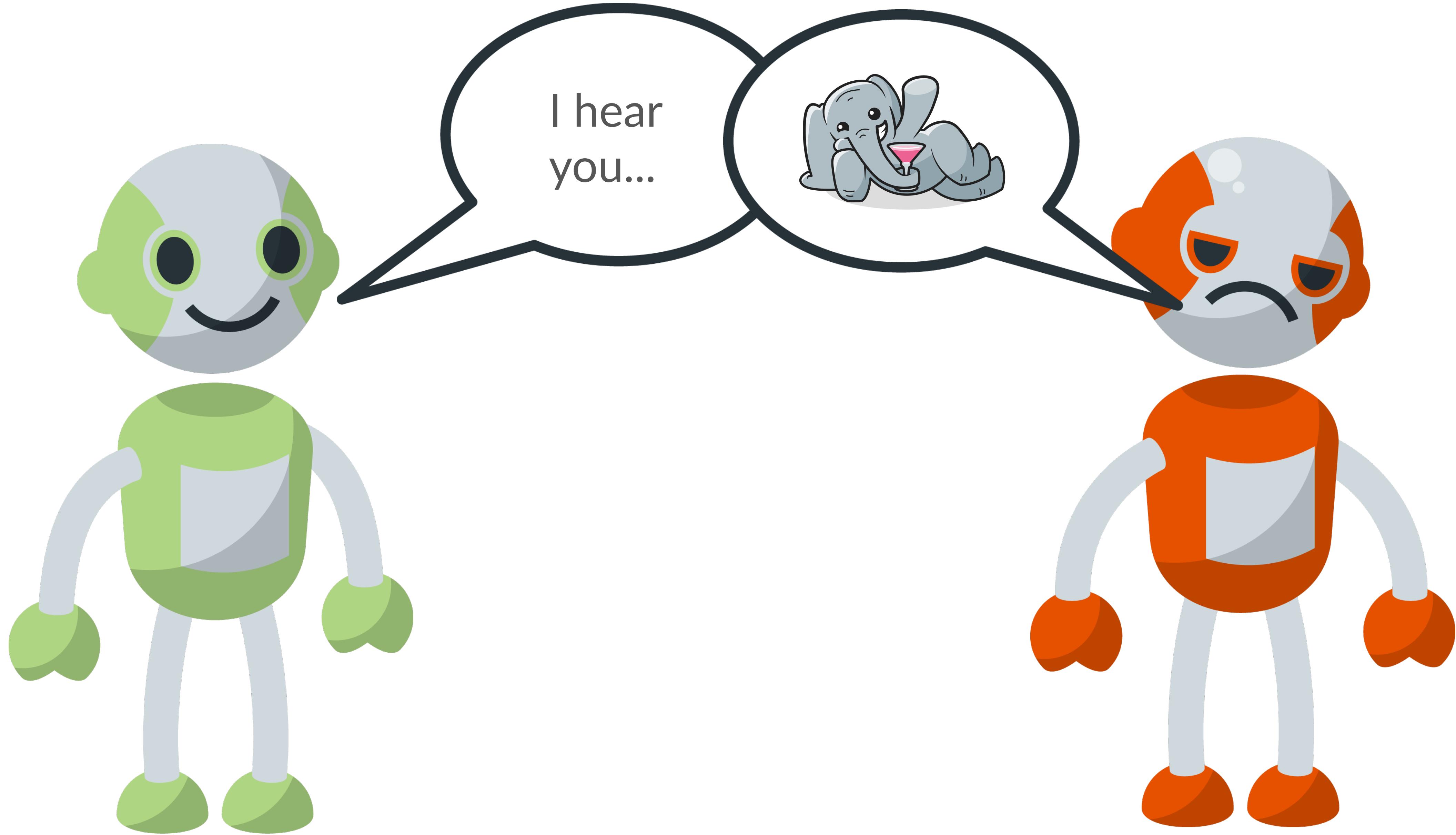
What do
you need?



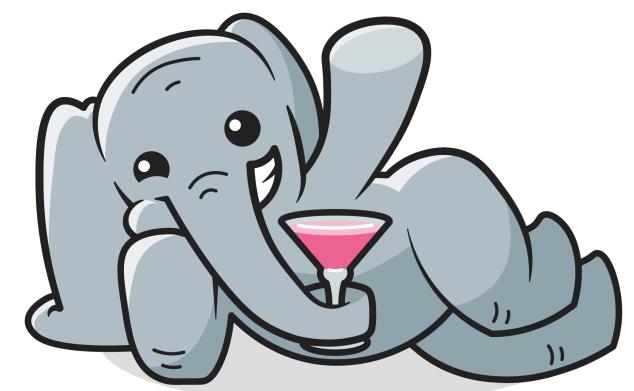




How
about...



I hear
you...

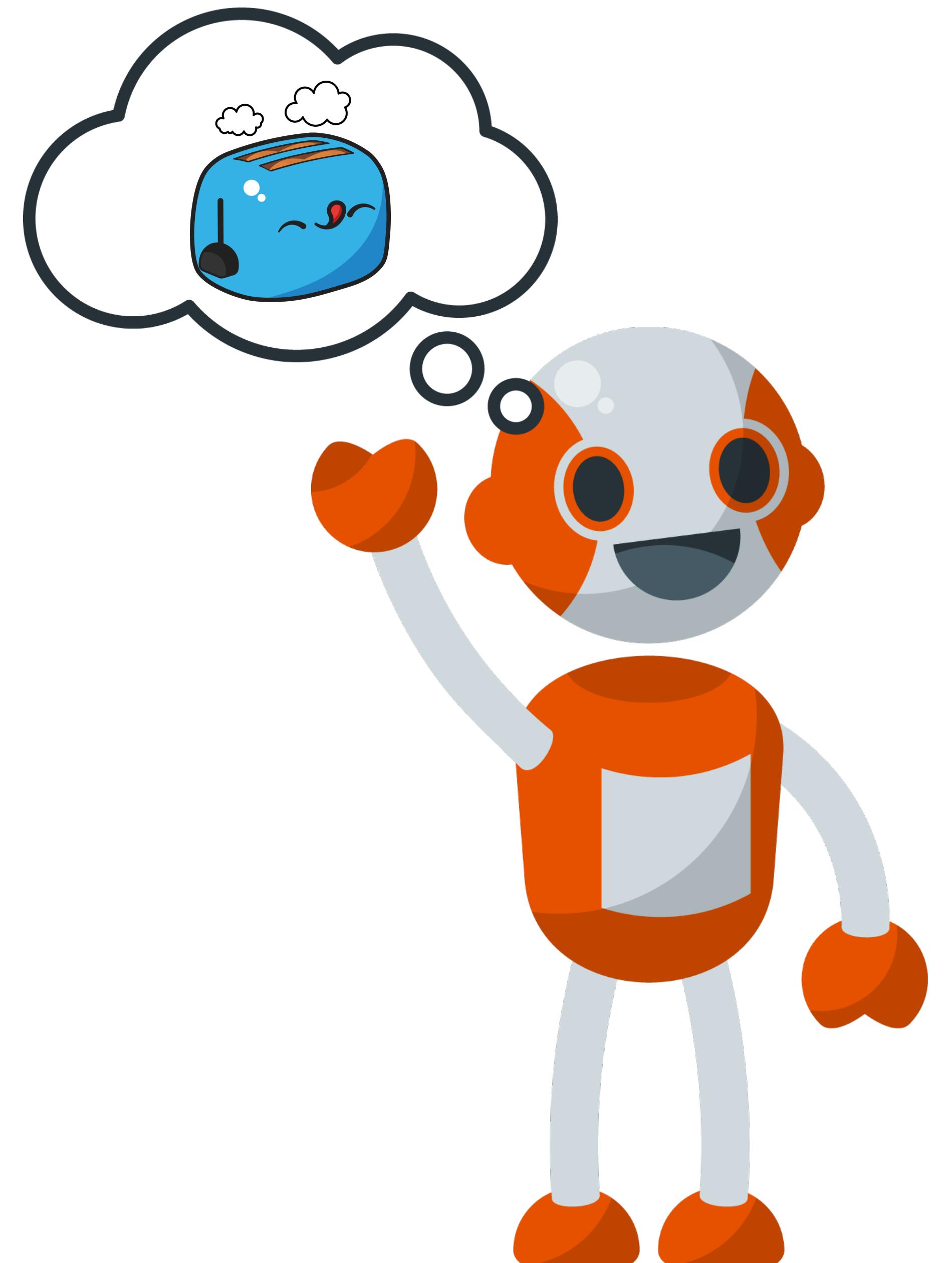




Where are
you going
with this?



We have...
no hope...



Dom Davis
@idomdavis