our digital futures

October 12, 2021

Holly Cummins
IBM

ada lovelace

lord byron

tmz.com

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Who's that with Lord Byron?!? Ooh dear, it's NOT Lady Byron!

lived in a mansion

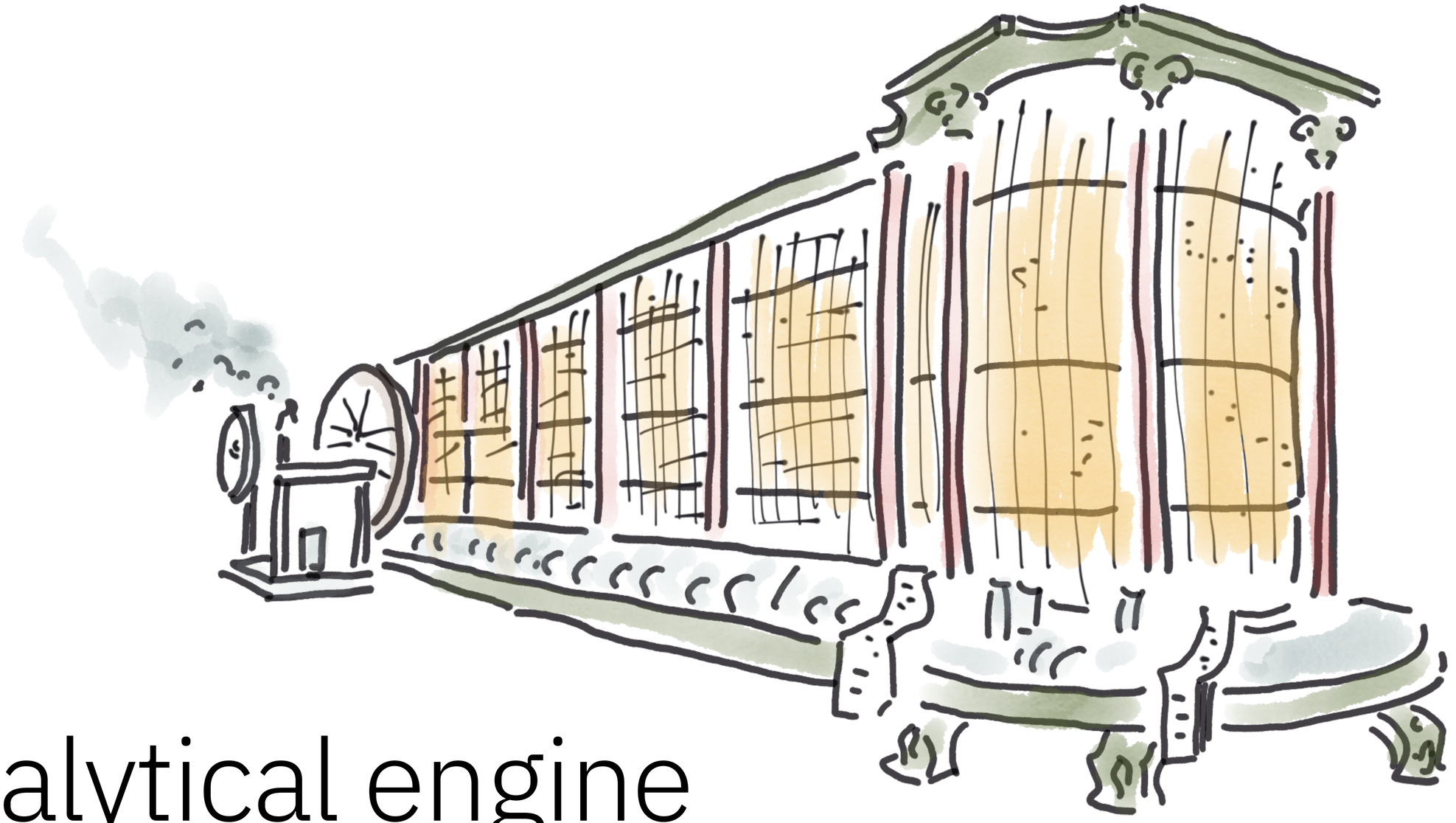
lived in a mansion
lots of silk gowns

lived in a mansion
lots of silk gowns
no laptop

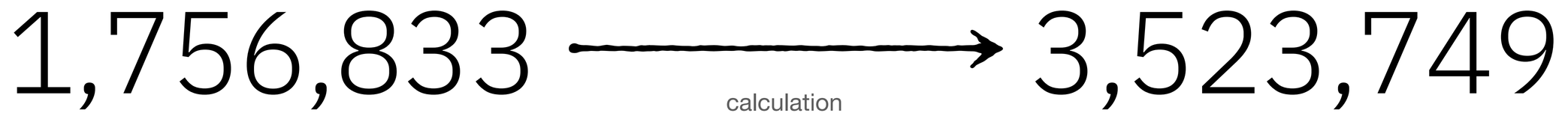
lived in a mansion
lots of silk gowns
no laptop
no phone

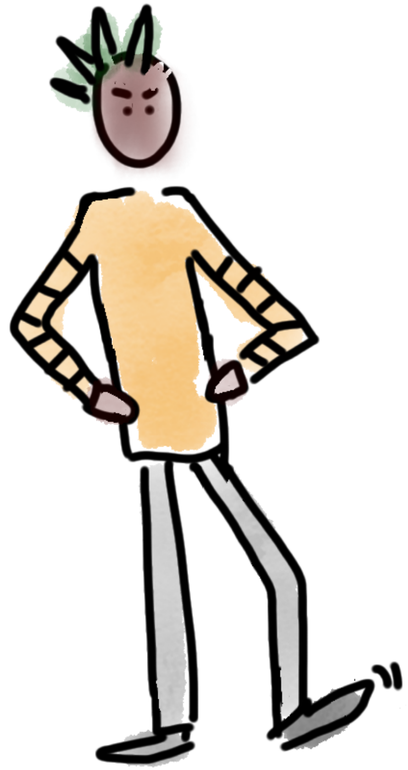
lived in a mansion
lots of silk gowns
no laptop
no phone
no ipad

lived in a mansion
lots of silk gowns
no laptop
no phone
no ipad
questionable indoor plumbing



the analytical engine


1,756,833
calculation
3,523,749



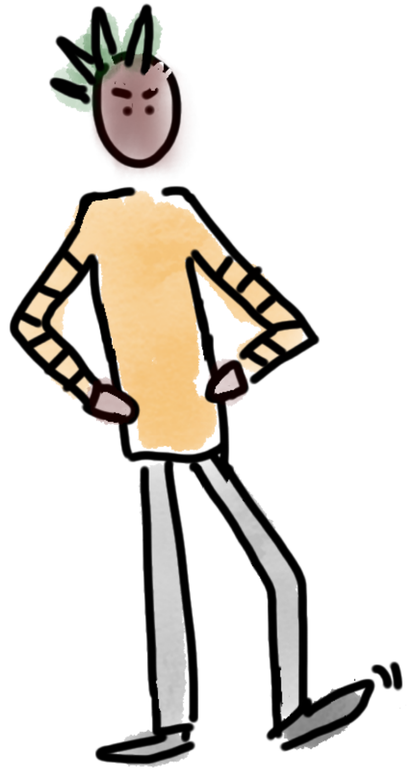
representation

1756833

3523749

representation

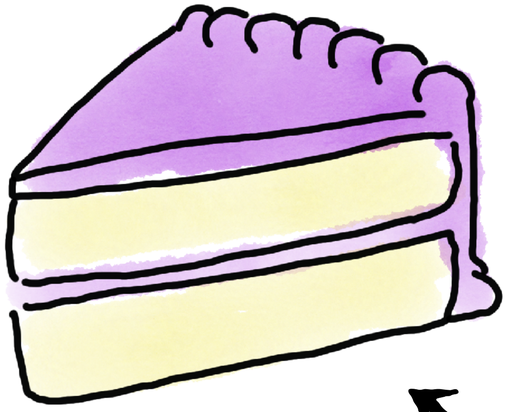
calculation



representation

1756833

3523749



representation

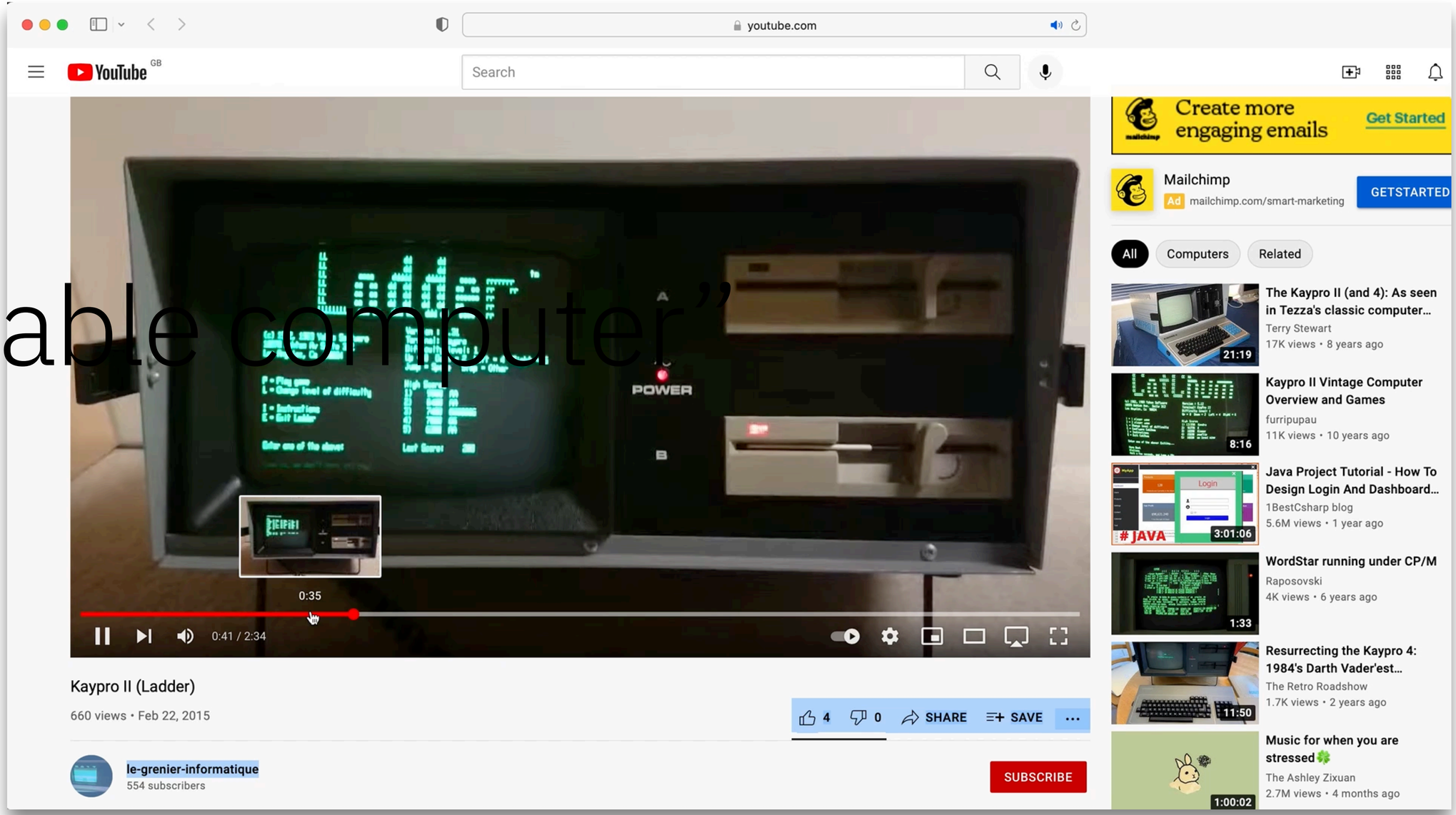
calculation

me

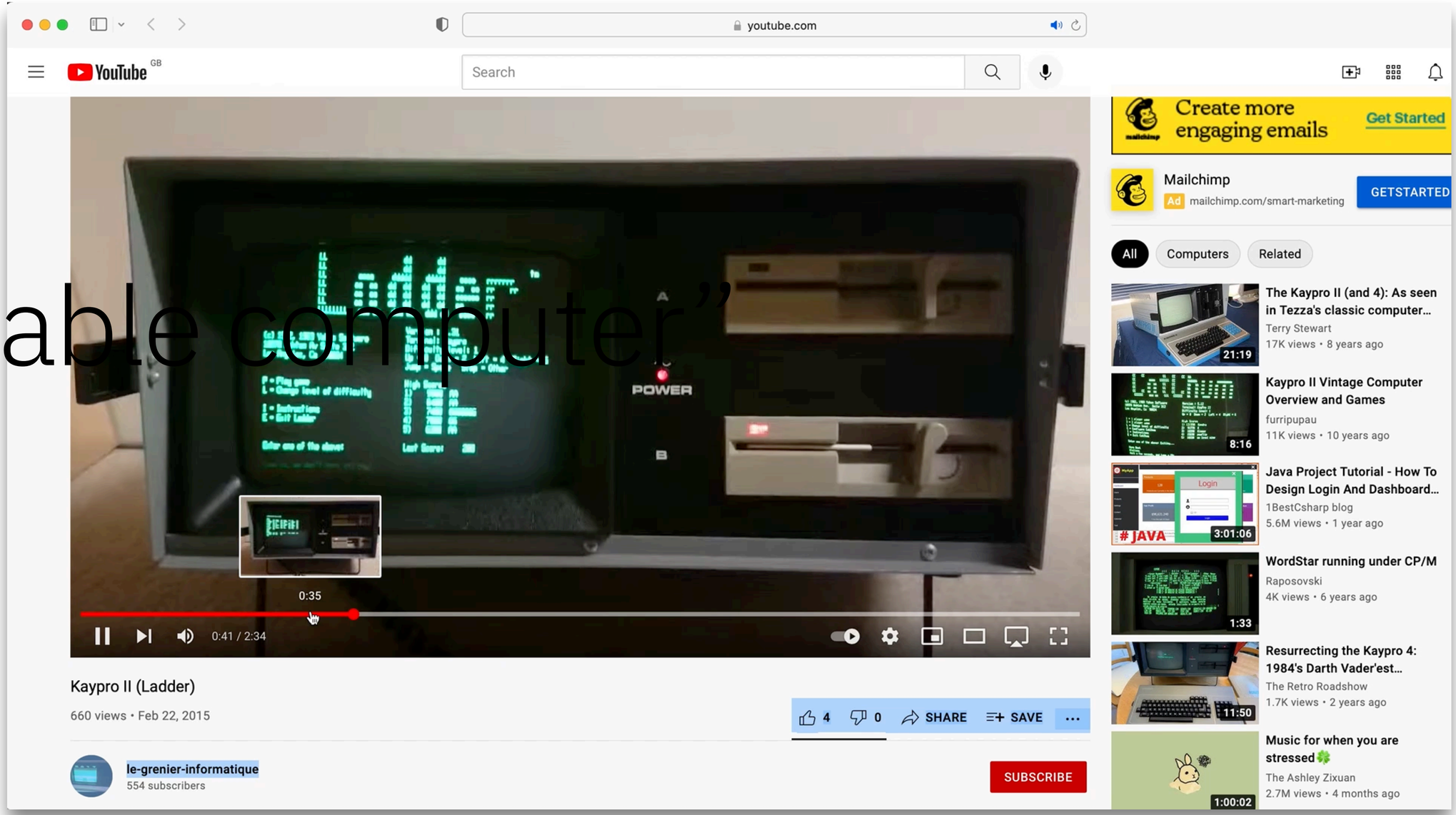
“phone”

“tv”

“portable computer”



“portable computer”



my second computer

no internet

no internet
no google

no internet
no google
no email

no internet
no google
no email
no social media

me?

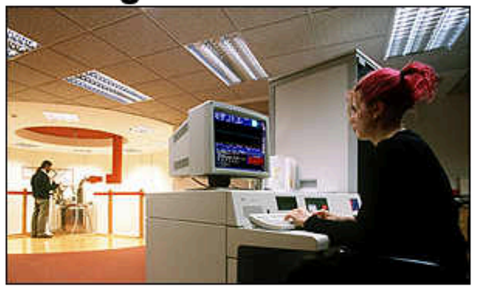
Front Page
World
UK
UK Politics
Business
Sci/Tech
Health
Education
Sport
Entertainment
Talking Point
In Depth
On Air
Archive

Feedback
Low Graphics
Help

Monday, June 21, 1999 Published at 17:33 GMT 18:33 UK

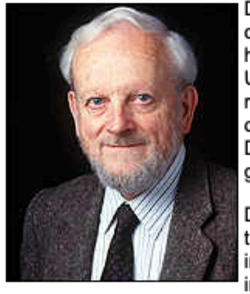
Education

Call to double UK science funding



World-class: Oxford's nuclear magnetic resonance facility

The UK must double its spending on science by 2008 and end "disgracefully" low pay in universities if it is to retain a world-class science and engineering base, a leading science campaigner says.



John Mulvey: "Feasible target" (Photos: Oxford Physics Photographic Unit)

Dr John Mulvey made the comments as he accepted an honorary degree from University College London in recognition of his work as one of the founders and later Director of the campaign group Save British Science.

Dr Mulvey - now retired - said that scientific research involved a long-term investment in people and their ideas.

If British science were to remain on a par with the best in the world in deserved world-class levels of public funding.

His remarks echo comments by the head of the Wellcome medical research charity, which last week announced pay rises of up to 30% for its UK

Education Contents

- Features
- Hot Topics
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University admissions face disruption

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05 Feb 99 | Education
Close the pay gap, say lecturers

Internet Links

Higher Education Funding Council for Wales

The Save British Science Society

Particle Physics and Astronomy Research Council

Office of Science and Technology

European Science Foundation

Higher Education Funding Council for England

Scottish Higher Education Funding Council

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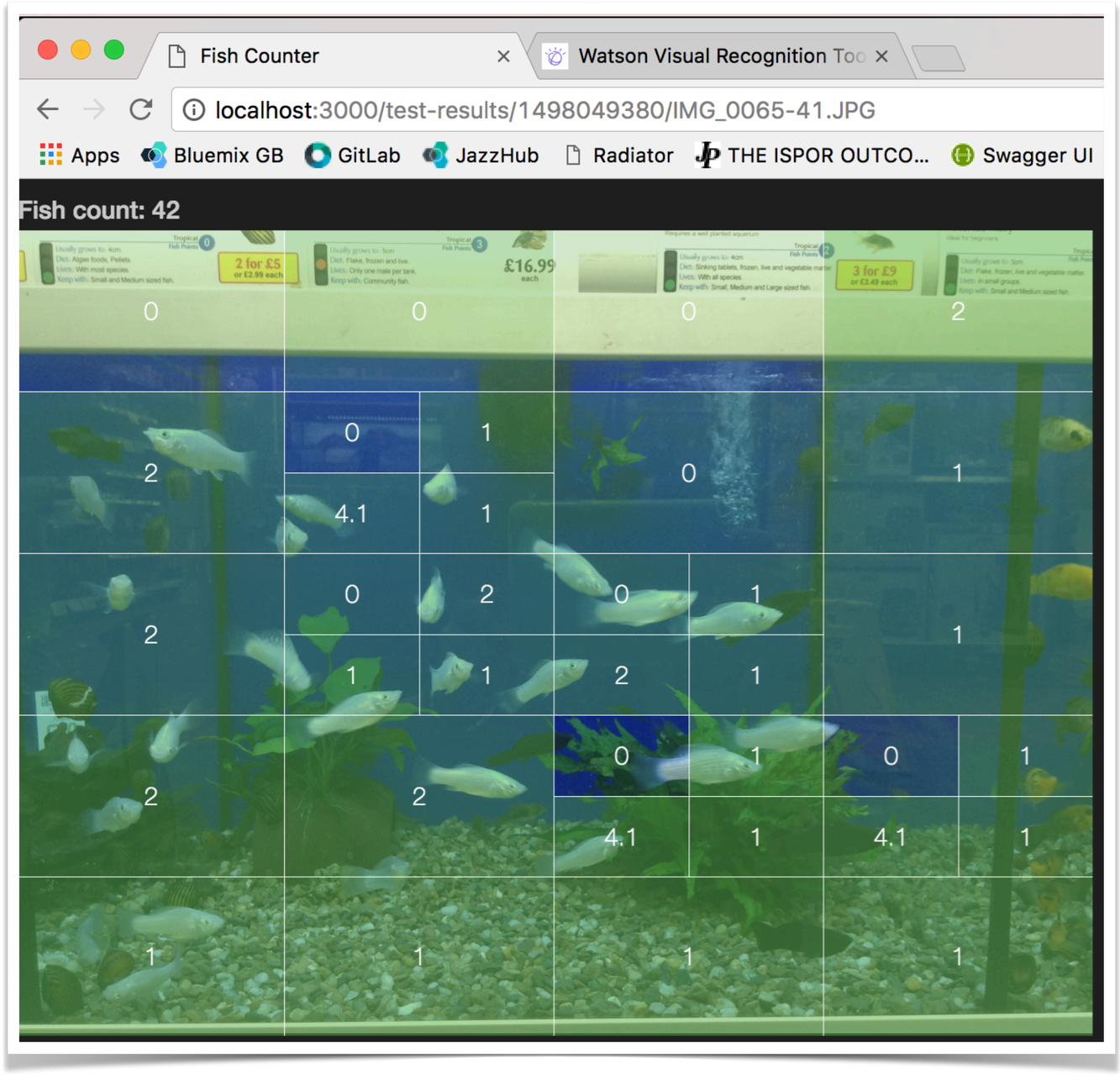
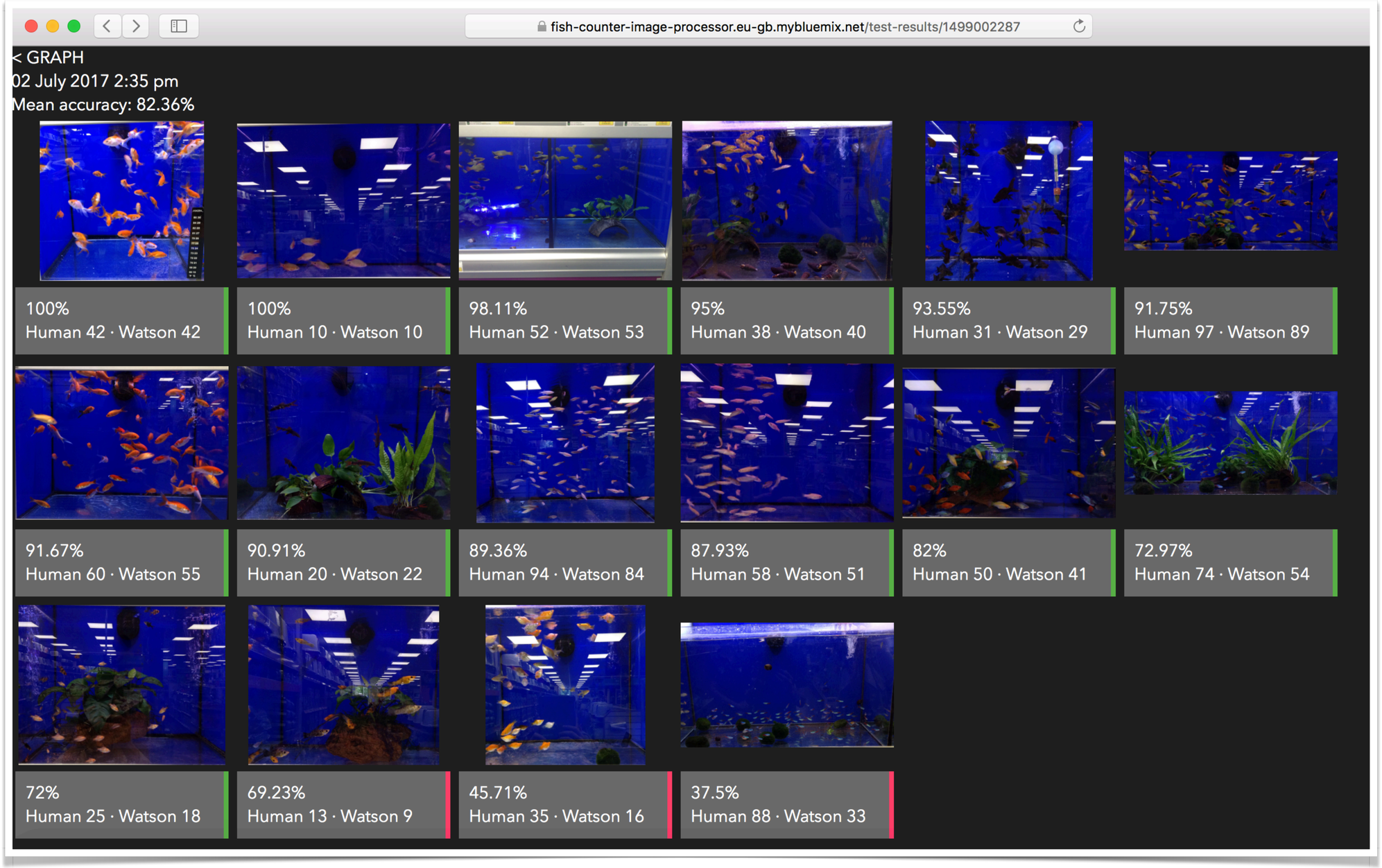
my job at IBM

how can we help the elderly to live independently?

taught a computer to count fish


Fish Counter
Watson Visual Recognition Too
localhost:3000/test-results/1498049380/IMG_0065-41.JPG
Apps
Bluemix GB
GitLab
JazzHub
Radiator
THE ISPOR OUTCO...
Swagger UI
Fish count: 42
0
0
0
2
2
0
1
4.1
1
0
1
2
0
2
0
1
1
1
1
2
1
2
2
0
1
0
1
4.1
1
4.1
1
1
1
1
1

Mean accuracy for this test was **82.36%.**



www.cnbc.com/2016/05/03/this-blind-man-is-running-a-1

CNBC PRO WATCHLIST

This blind man is running a 155 mile ultra-marathon with the help of an IBM app

1.6K SHARES

COMMENTS Start the Discussion

Arjun Kharpal | @ArjunKharpal

Tuesday, 3 May 2016 | 8:27 AM ET

CNBC

Simon Wheatcroft is completely blind. But that's not going to stop him running a 250 kilometer (155.3 mile) race in the desert.

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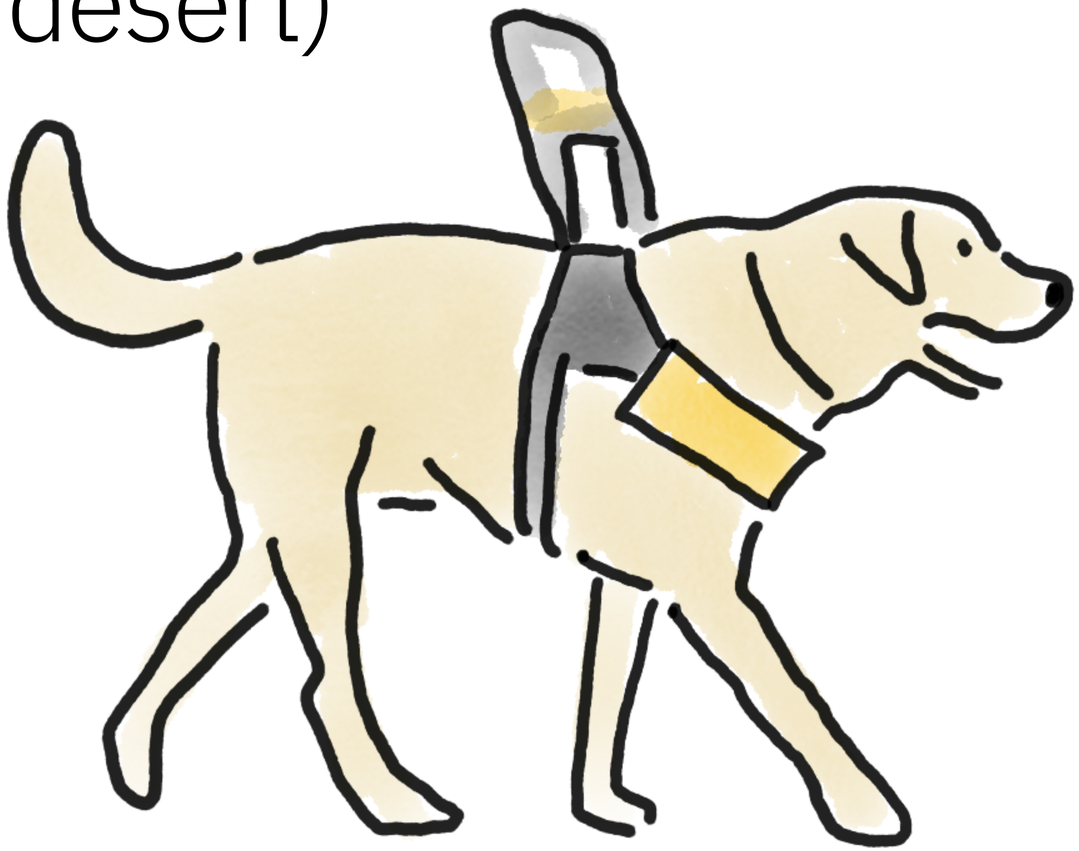
guide dogs can’t run ultra-marathons

(especially not in the desert)



www.bbc.co.uk/news/technology-36312976

Simon Wheatcroft runs blind with help of a phone app

18 May 2016 Last updated at 00:00 BST

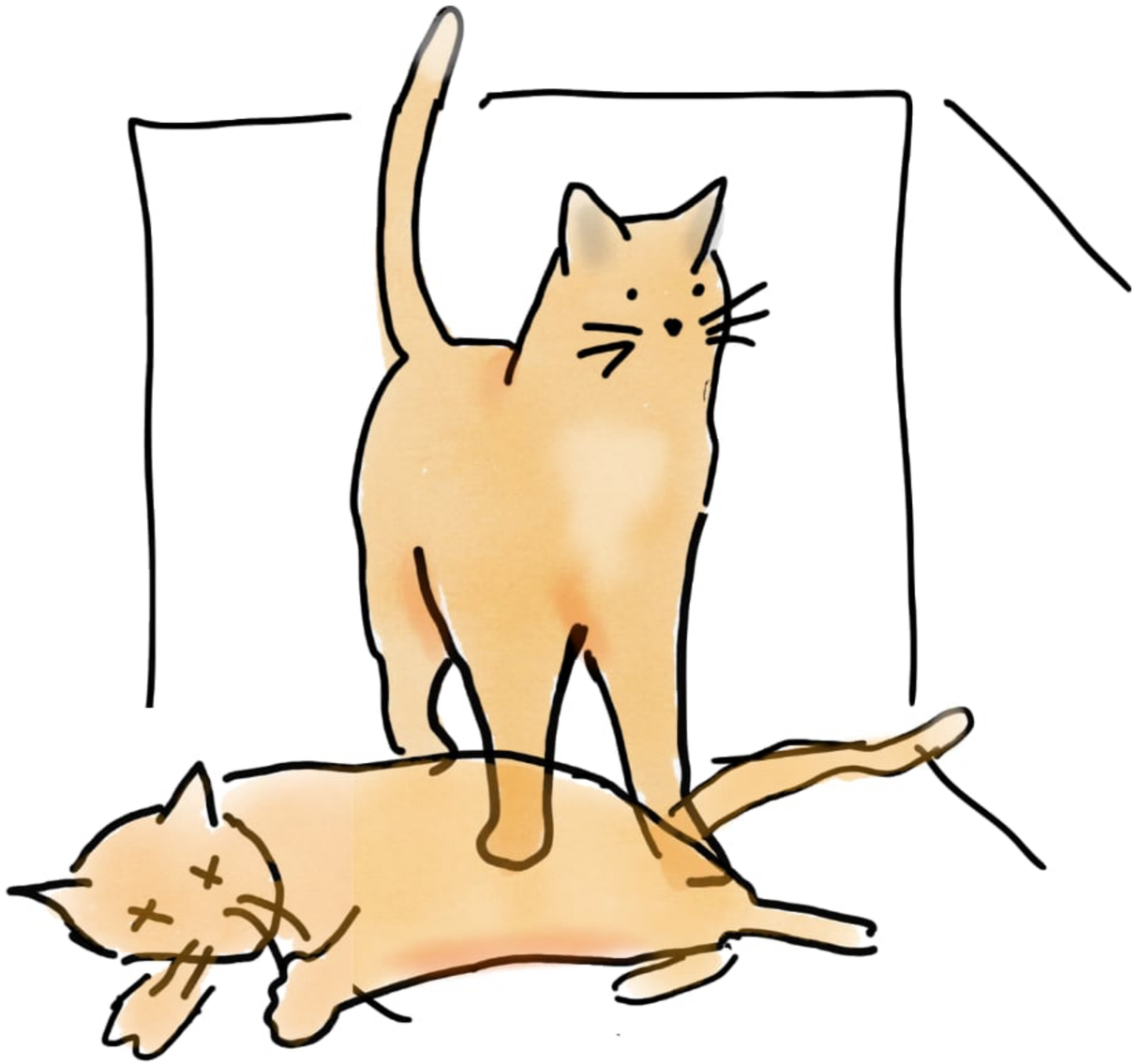
the future of technology

TrueNorth chip

neurosynaptic

lower power use

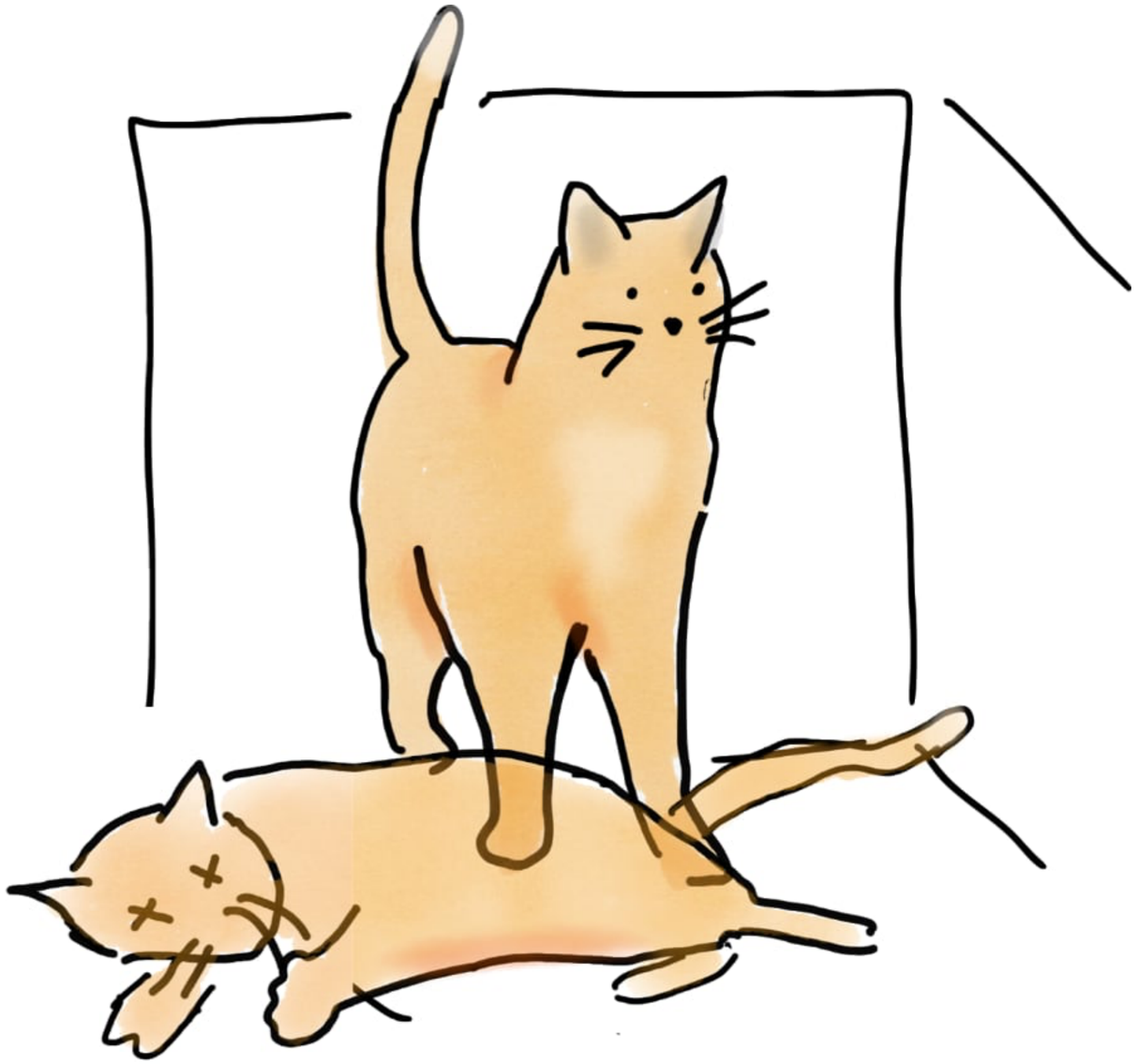
quantum computing



quantum computing

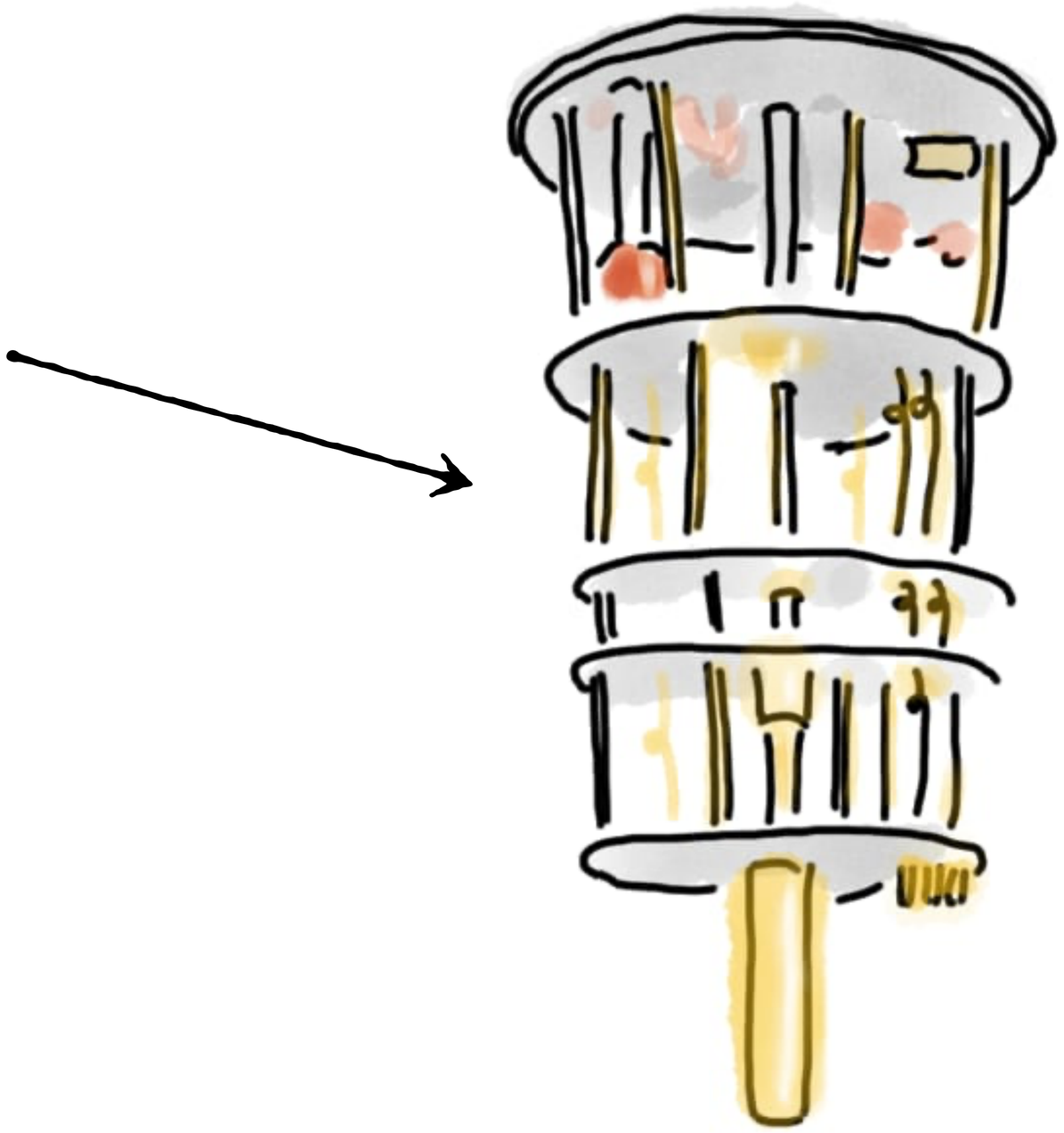
qubit

both 0 and 1



fridge

colder than the space
between the stars

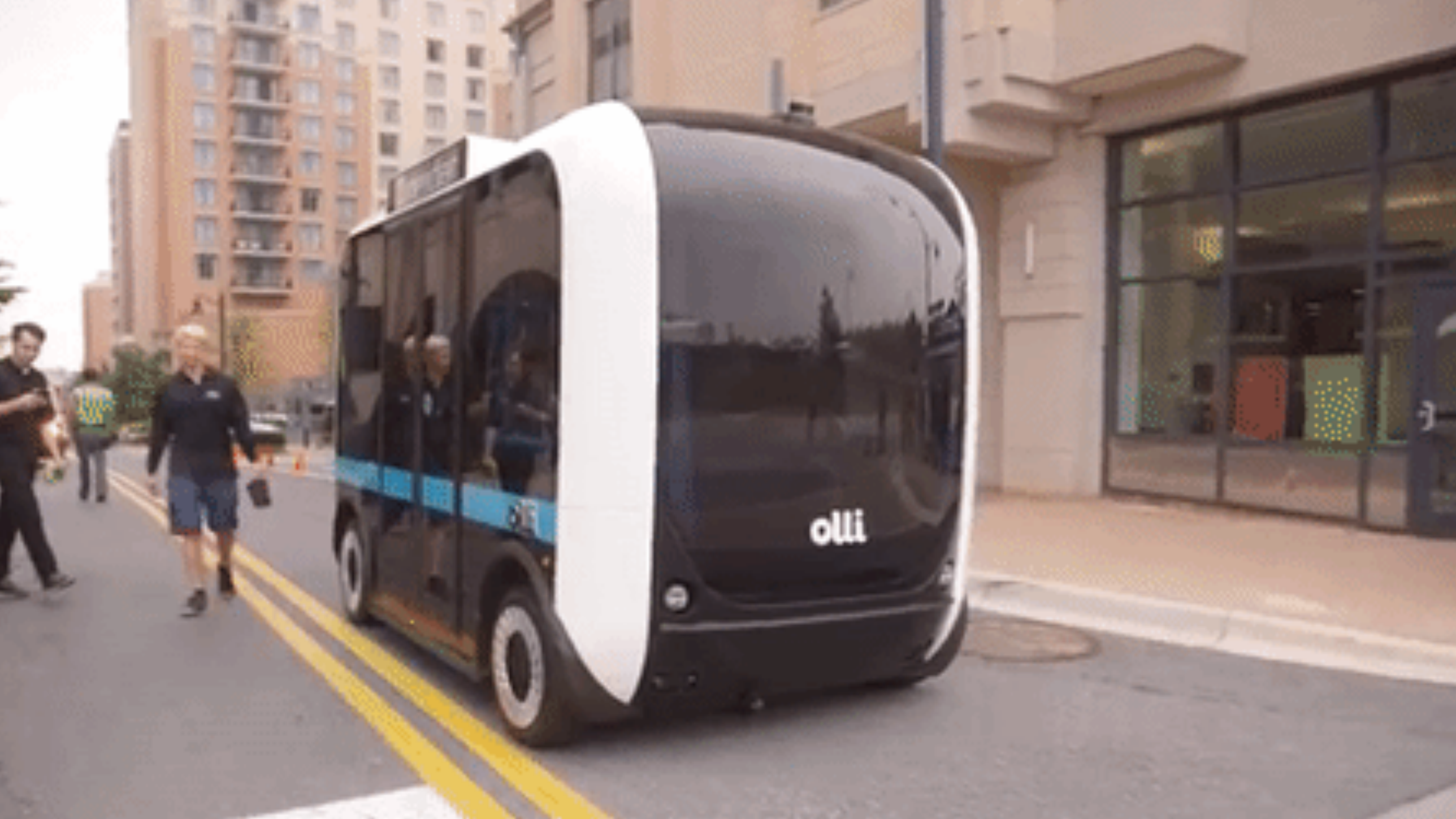


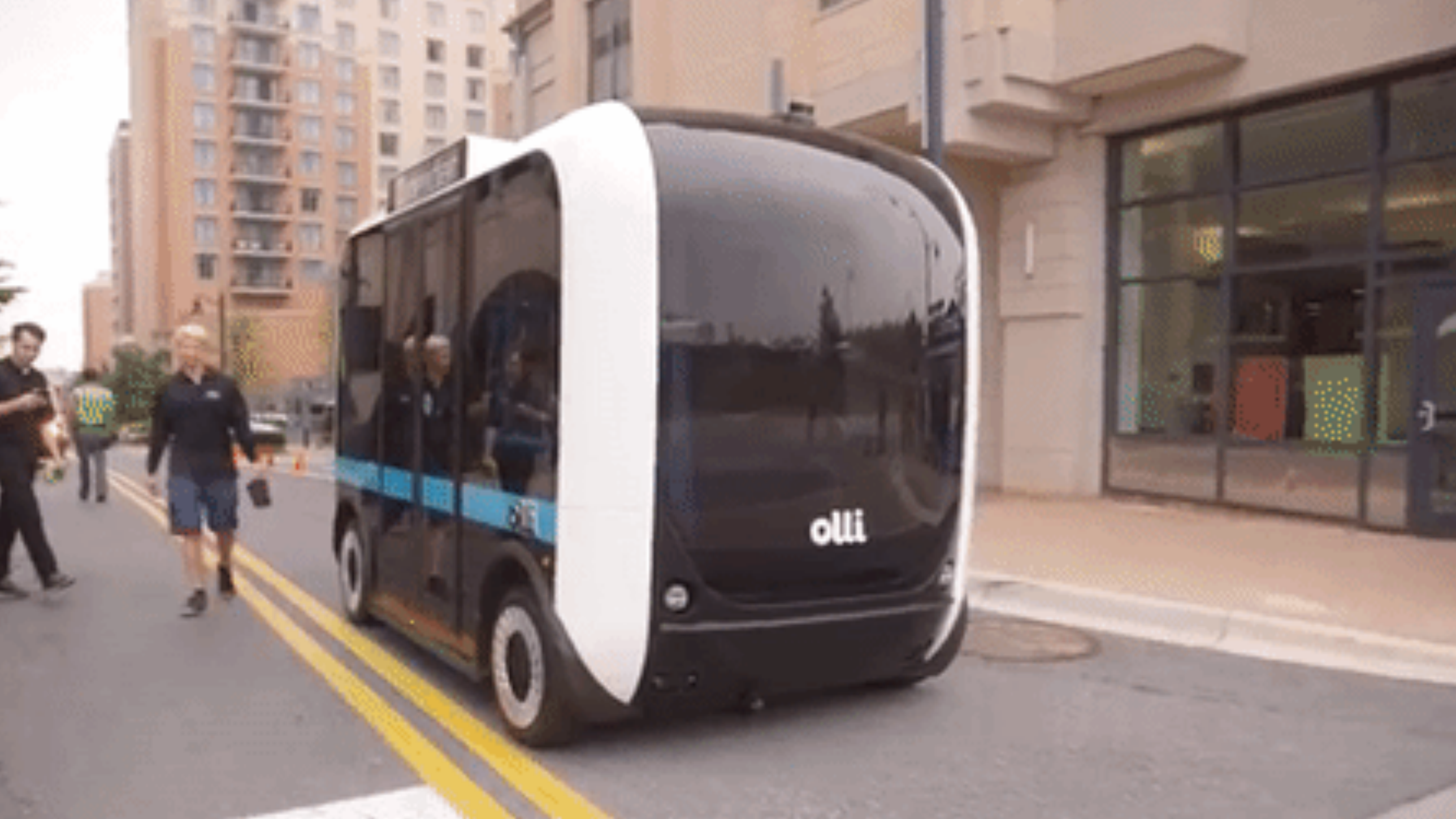
fridge

colder than the space between the stars

actual quantum chip

IBM Q
$\frac{1}{\tau}\int_0^{\tau} dt_1\, \mathcal{H}(t_1)$


olli


olli

Pushing the limits of autonomous navigation with AI and automation

Groundbreaking technology from a new, fully self-operating ship inspires the next generation of innovation for your business

Overview

A Mayflower to advance the promise of AI and automation

The culmination of a multi-year project with IBM and marine research non-profit ProMare

Watch the ship's multi-part

Let's talk

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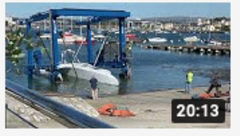

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Cognite
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Managing Collaboration and Student Engagement Using ...
Franco Nicolo Addun
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New

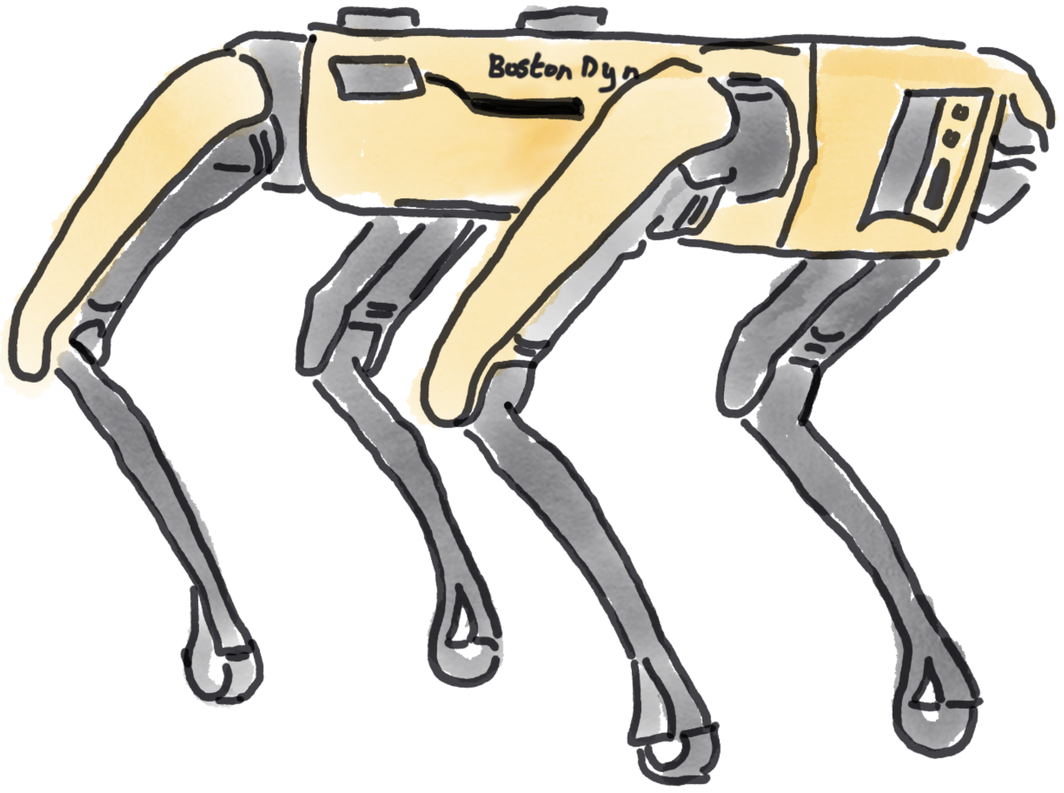
My Room on a Maersk

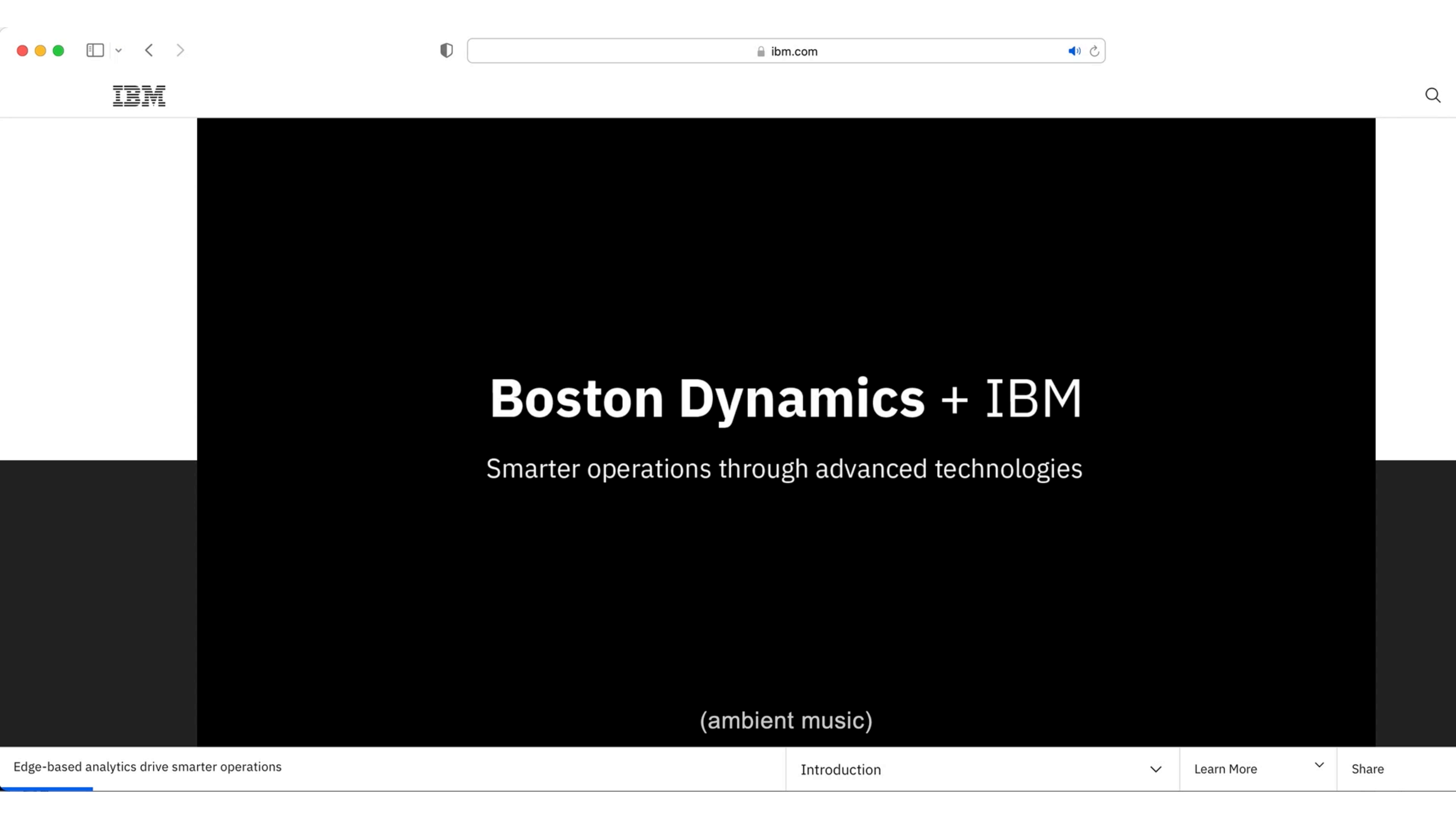
think of what's possible if devices don't need to connect to the cloud to do heavy lifting

edge

think of what's possible if devices don't need to connect to the cloud to do heavy lifting

“spot the dog”

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Edge-based analytics drive smarter operations
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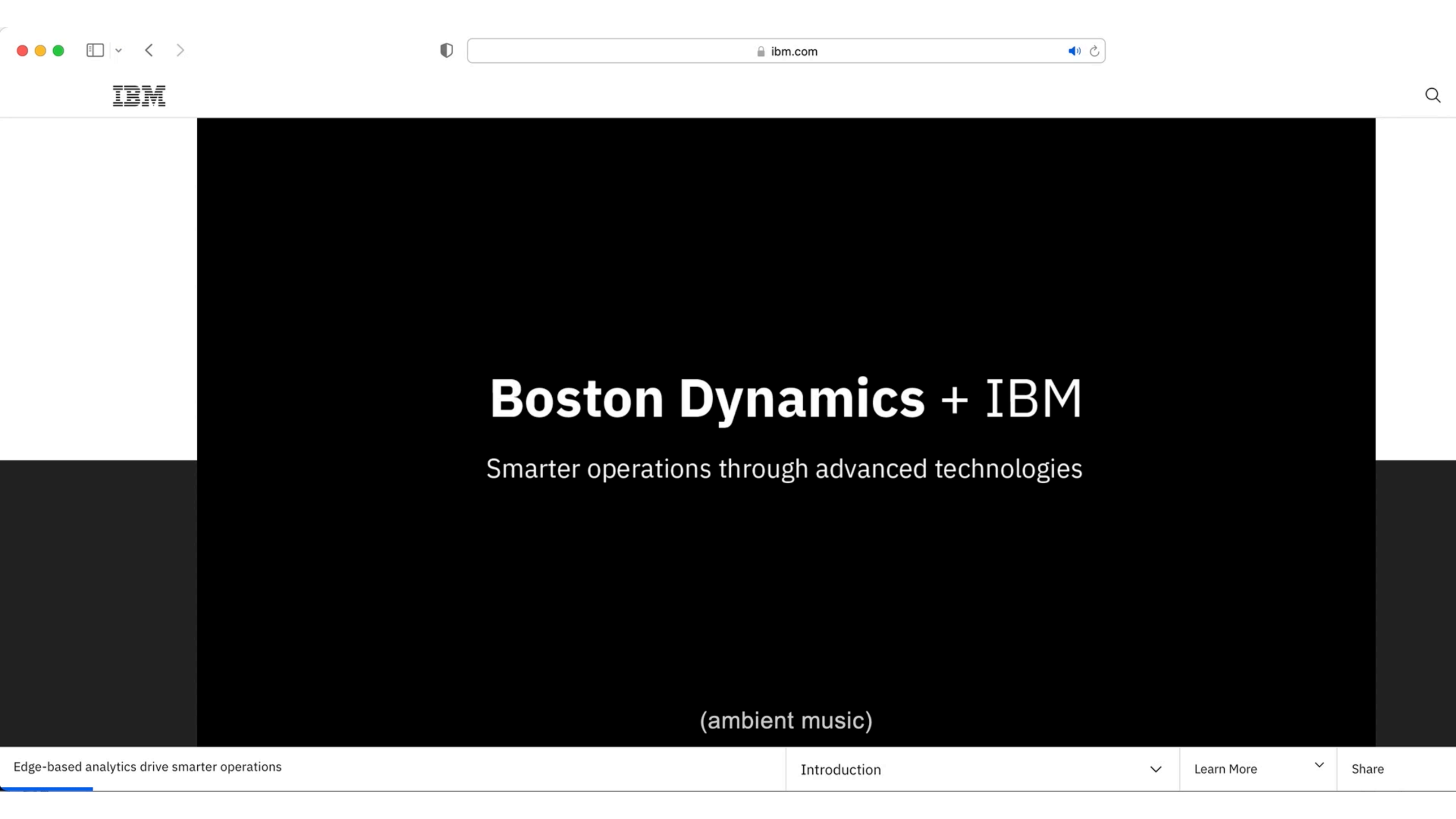
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(ambient music)
Edge-based analytics drive smarter operations
Introduction
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Edge-based analytics drive smarter operations

Introduction

Learn More

Share

Edge-based analytics drive smarter operations

Introduction

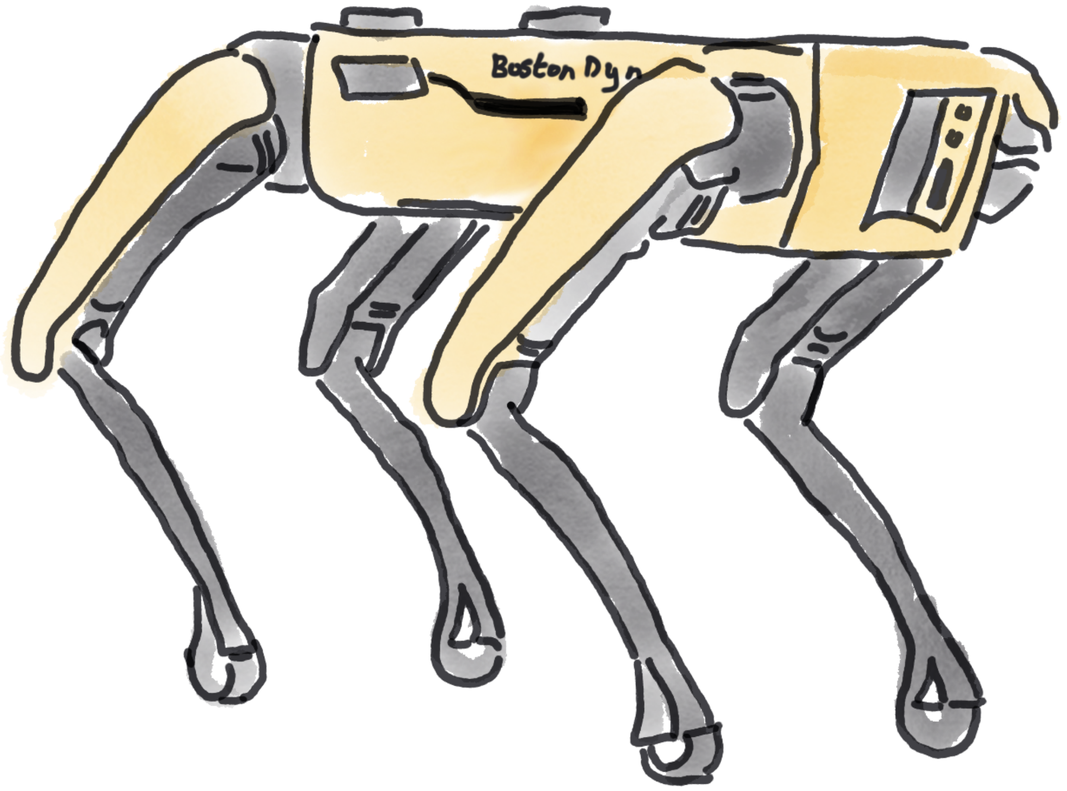
Learn More

Share

it’s about **people**

computers enable joy

computers enable independence



computers do the things we don’t want to

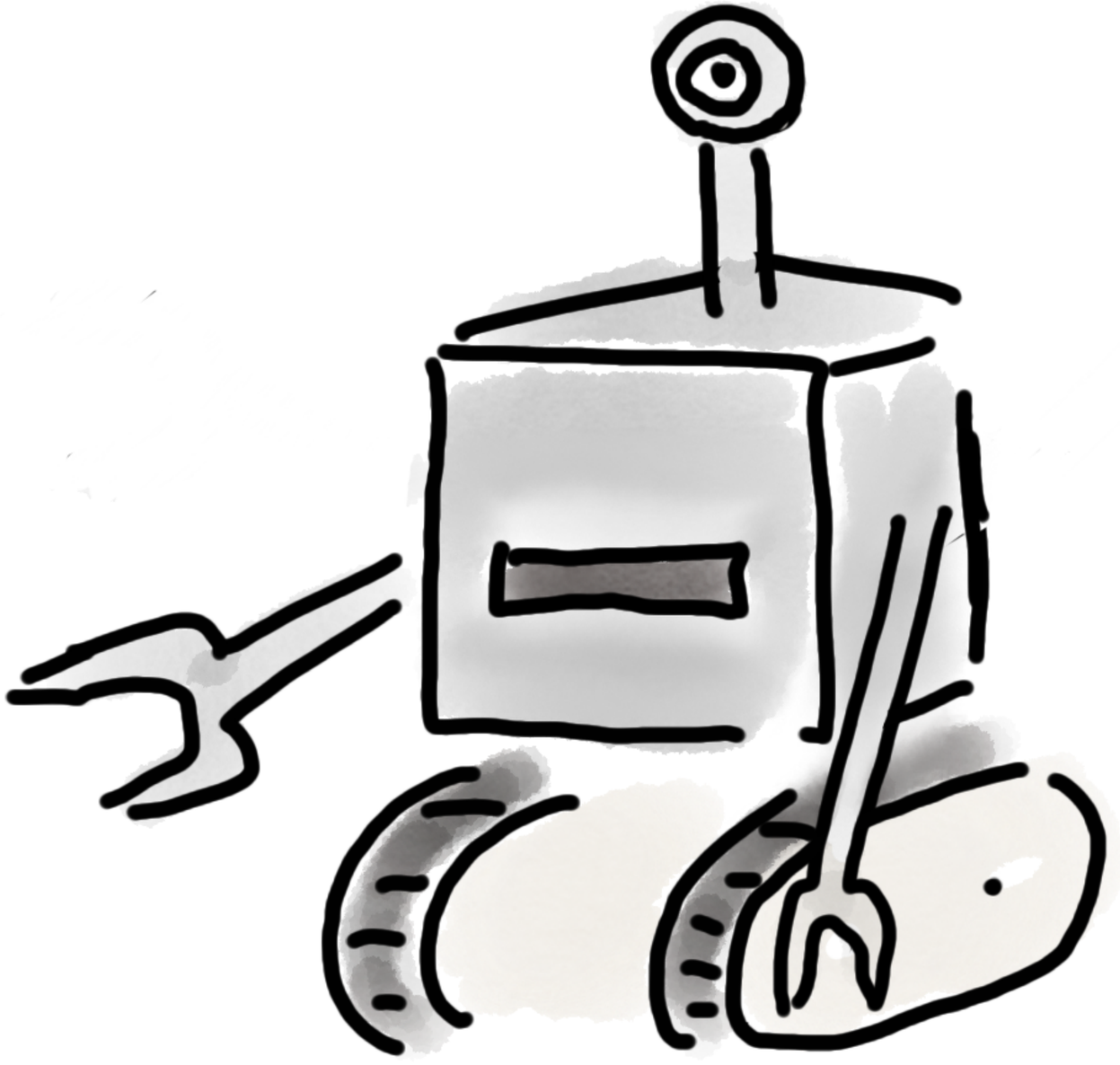
counting fish is **boring**

ok but jobs?

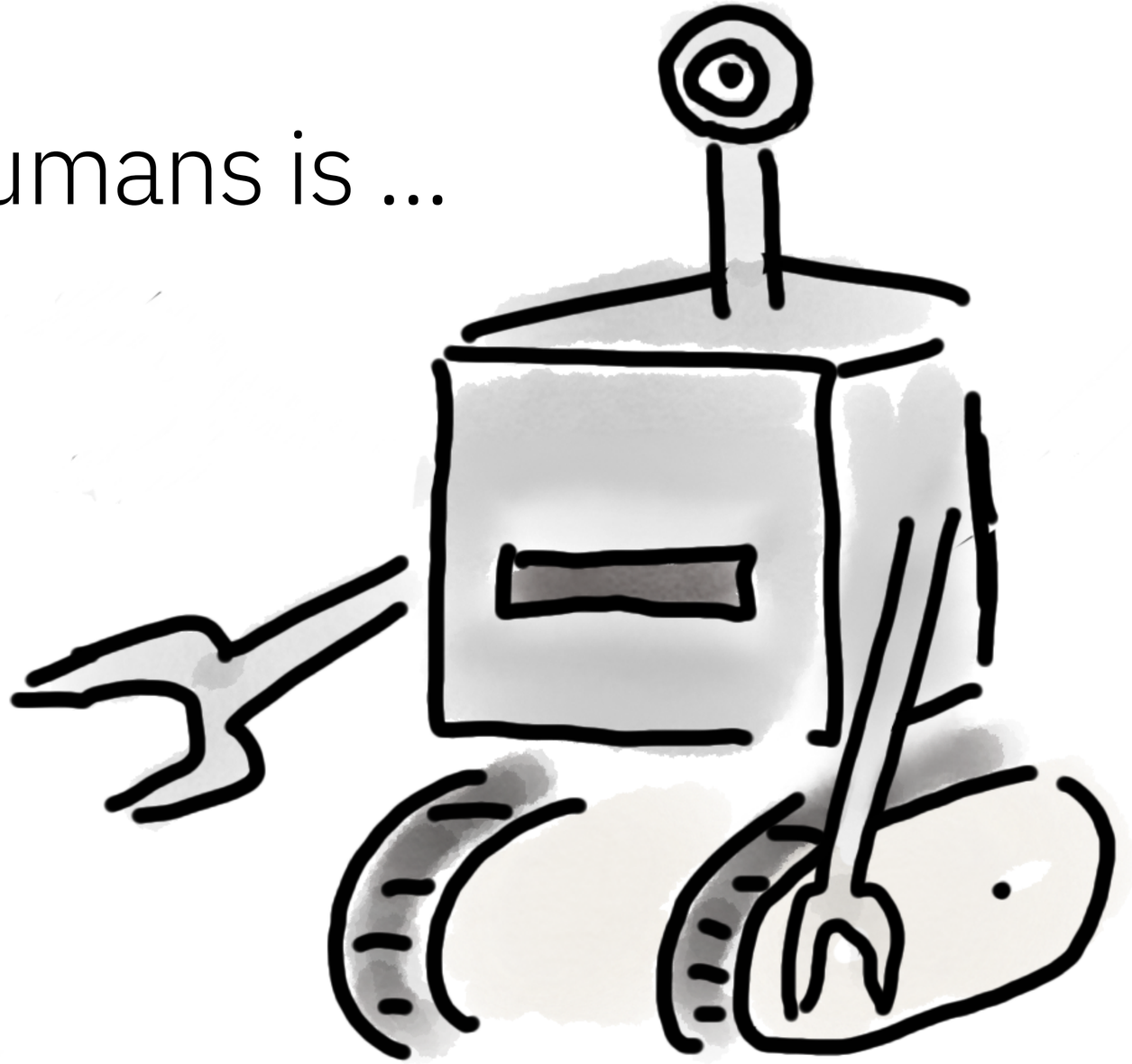
human
alarm clock

elevator operator

telephone
switchboard operator

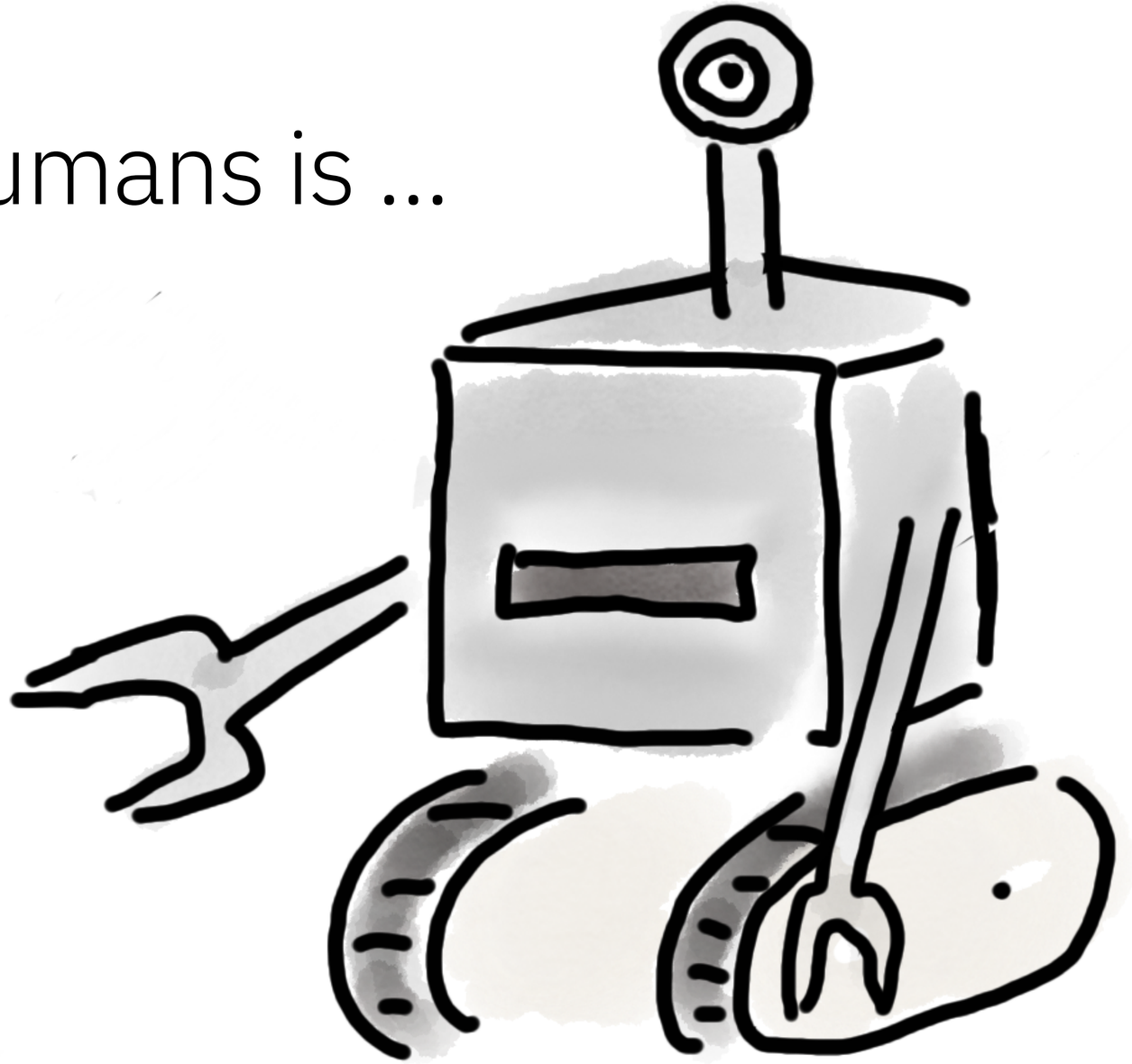


if doing a task with humans is ...



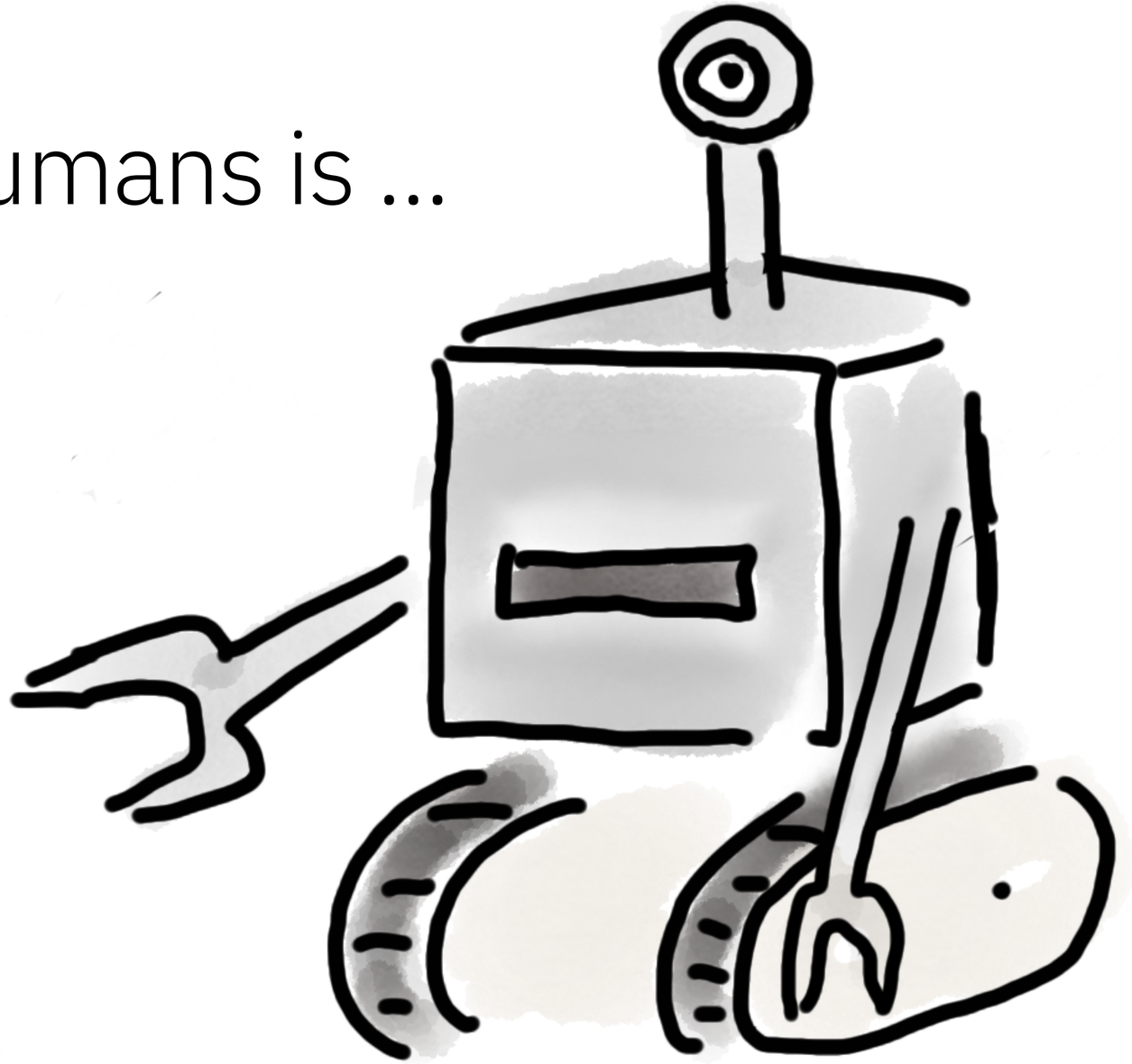
if doing a task with humans is …

- dull



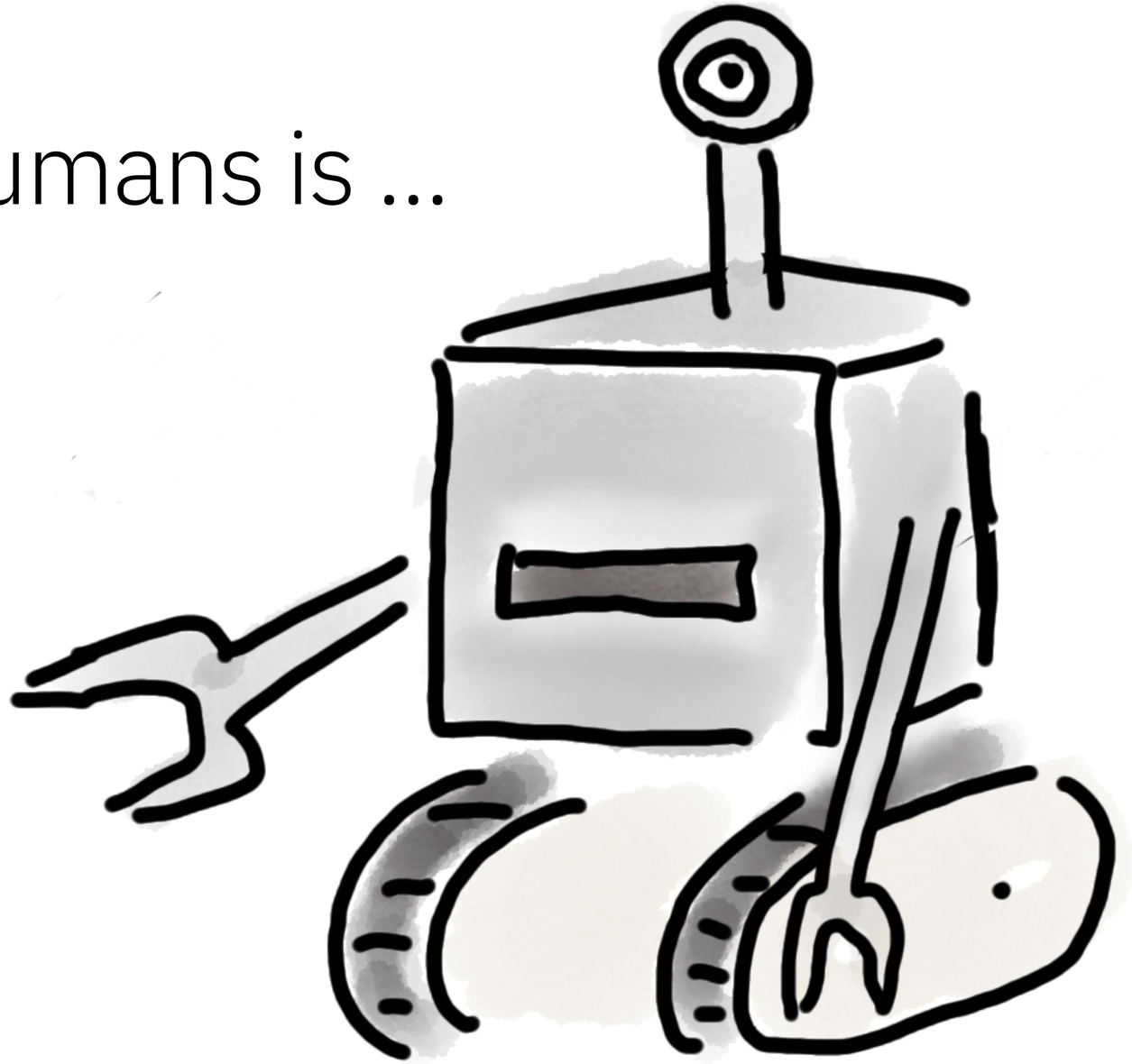
if doing a task with humans is …

- dull
- dirty



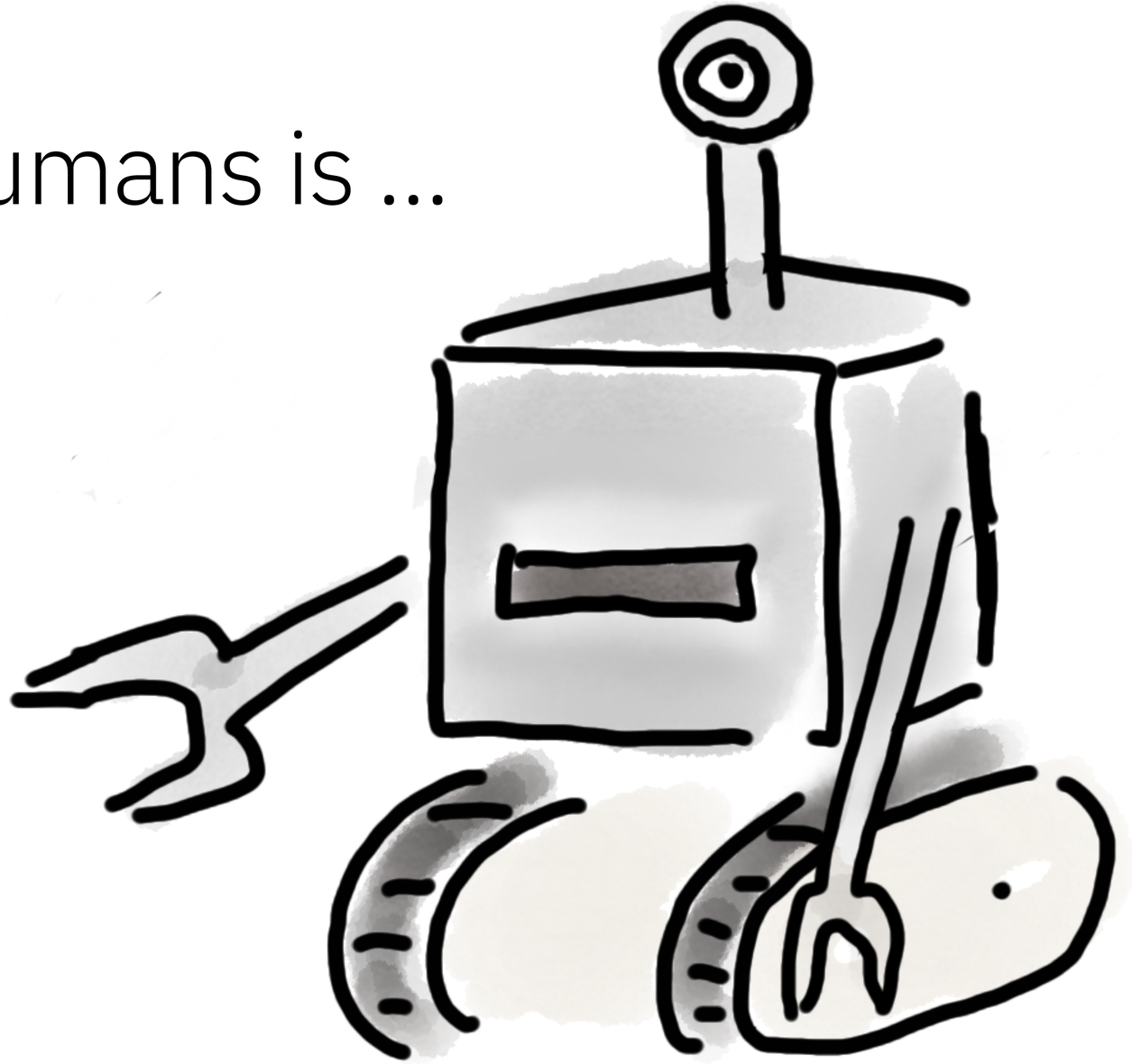
if doing a task with humans is ...

- dull
- dirty
- dangerous



if doing a task with humans is ...

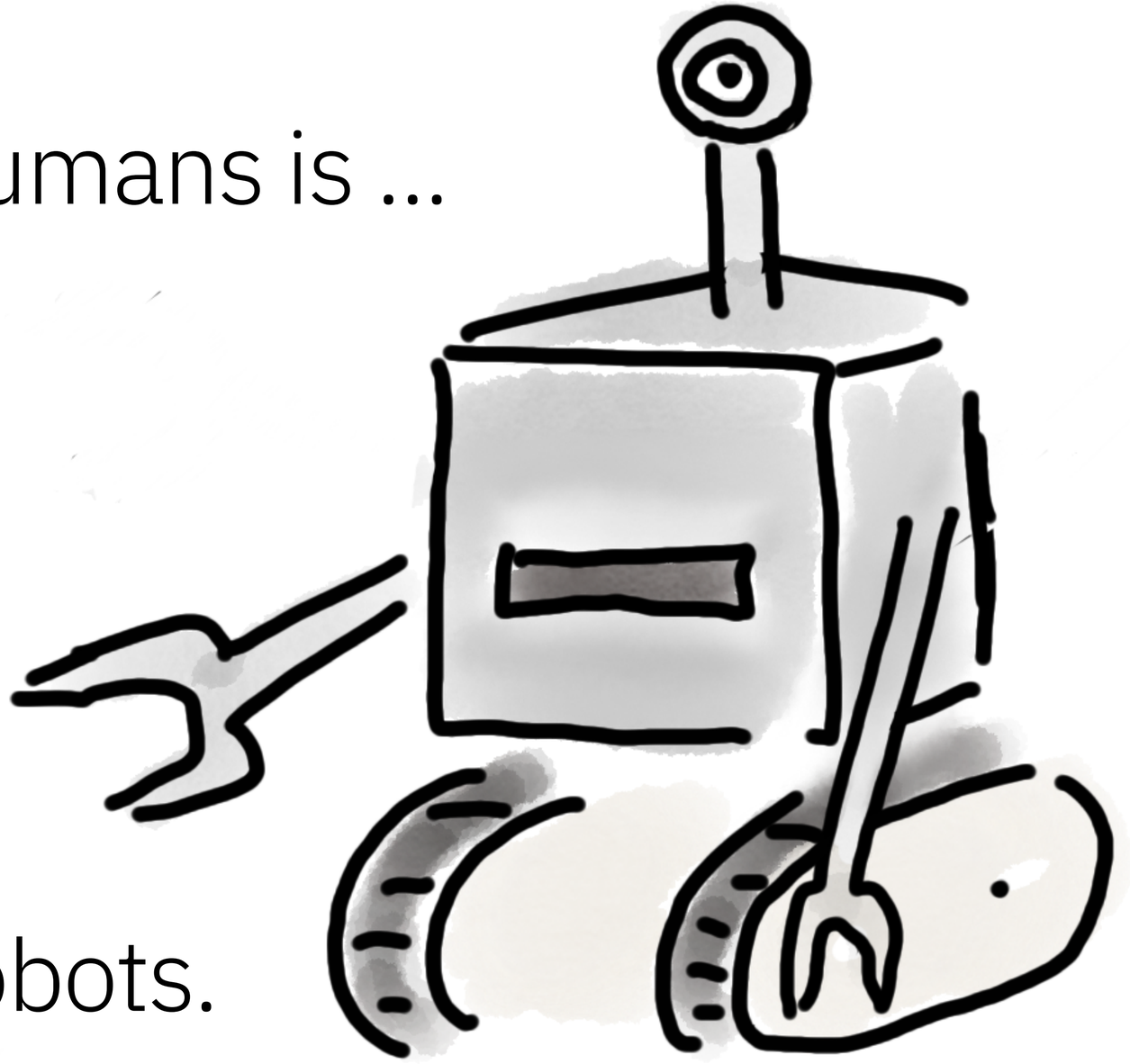
- dull
- dirty
- dangerous



if doing a task with humans is ...

- dull
- dirty
- dangerous

... then bring in the robots.



cobot

the only constant
is change

change

the ability to learn is the best skill you will have

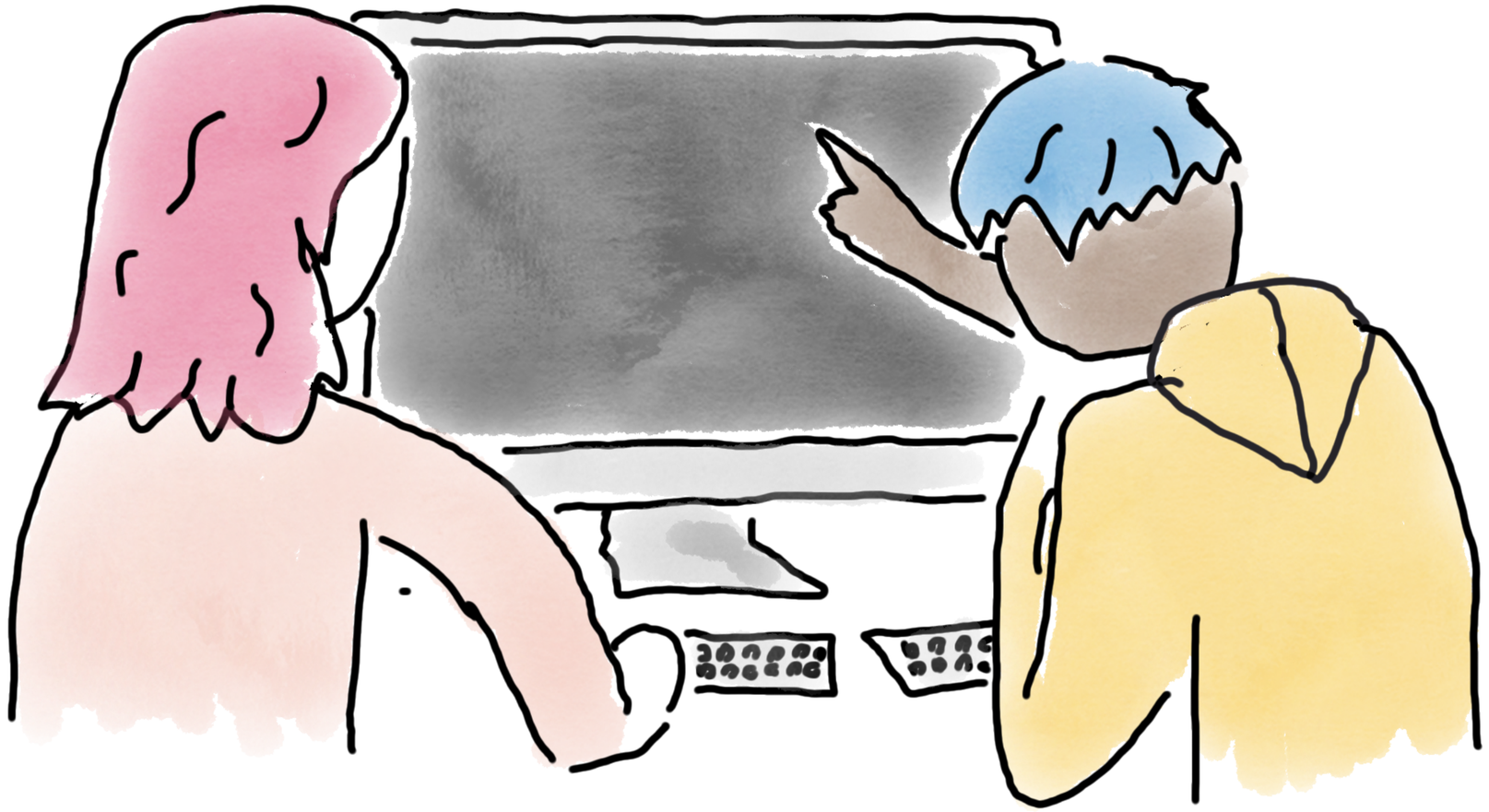
“independent learning”

be a part of the future

be a **part** of the future

ada's insights came from **collaboration**

pair programming



tech is for everyone

tech is **better** with everyone

technology will change the world

be a part of it

@holly_cummins