



NEW YEAR REFRESH

BROOKLYN INFOCOMMONS
JANUARY 16 2021
EXP 07/21



OVERVIEW

Intro

Special Guest- Rose

New Years ReFresh

Outro

(Cypurr After Hours)



WHO ARE WE?

We are...

The Cypurr Collective: A group of folks that organize cybersecurity events, looking to spread knowledge and talk about privacy rights!

Established April 2016

Just some folks interested in making safer spaces for others to talk bout their privacy needs



A FEW RULES FOR THE SPACE

Saf(er) Space - We **DO NOT** tolerate language or behavior purposefully meant to demean or harm folks based on their identities

Share the space - Feel free to ask questions in the chat! Or, save them for the Q/A!

Stack! - If we're asking for vocal discussion, please use the "hand" icon to let us know you're interested in speaking b4 you unmute!



A FEW RULES FOR THE SPACE

Photo/Video - Slides/Resources available after! Video available soon.

A note on voice recording...

We are trying to keep these presentations for posterity, and not to record participants. We will try to anonymize people when possible but please be aware that we are recording and may need to keep voices in the audio for context. **Use the chat if possible for questions and discussions if you do not want your voice on the recording.**



AND NOW...

ROSE REGINA LAWRENCE

Security researcher with New Design Congress. Since 2011, she has focused on issues of surveillance and digital security for activists, journalists, lawyers, and other human rights defenders. Her experience includes supporting both independent human rights advocates and organisations, such as Mozilla, Software Freedom Law Center, and Tactical Tech, as their Digital Security Coordinator.



CYPURR SESSION NEW YEAR REFRESH



JANUARY 16TH, 2 PM
BROOKLYN INFOCOMMONS
ZOOM



DATA = NEW OIL

DATA = NEW OIL

REFORMING NYPD SPYING:

The POST Act

PASSED

www.STOPSpying.org

STOP
SURVEILLANCE TECHNOLOGY
OVERSIGHT PROJECT

At a glance

- The GDPR sets out seven key principles:
 - Lawfulness, fairness and transparency
 - Purpose limitation
 - Data minimisation
 - Accuracy
 - Storage limitation
 - Integrity and confidentiality (security)
 - Accountability
- These principles should lie at the heart of your approach to processing personal data.



"This is big": US lawmakers take aim at once-untouchable big tech

A flurry of lawsuits, deemed the biggest antitrust action since the 1970s, mark a stunning reversal of fortunes for Silicon Valley



California Consumer Privacy Act (CCPA)

[Home](#) / [Privacy](#) / [California Consumer Privacy Act \(CCPA\)](#)

The [California Consumer Privacy Act of 2018](#) (CCPA) gives consumers more control over the personal information that businesses collect about them. This landmark law secures new privacy rights for California consumers, including:

- The [right to know](#) about the personal information a business collects about them and how it is used and shared;
- The [right to delete](#) personal information collected from them (with some exceptions);
- The [right to opt-out](#) of the sale of their personal information; and
- The [right to non-discrimination](#) for exercising their CCPA rights.

Businesses are required to give consumers certain notices [explaining their privacy practices](#). The CCPA applies to many businesses, including [data brokers](#).

THREAT MODEL

OR WHY DOES IT MATTER TO YOU?

THREAT MODEL

OR WHY DOES IT MATTER TO YOU?

What data do you have?

A STORY OF YOU

YOU AND YOUR DATA



A STORY OF YOU

YOU AND YOUR DATA

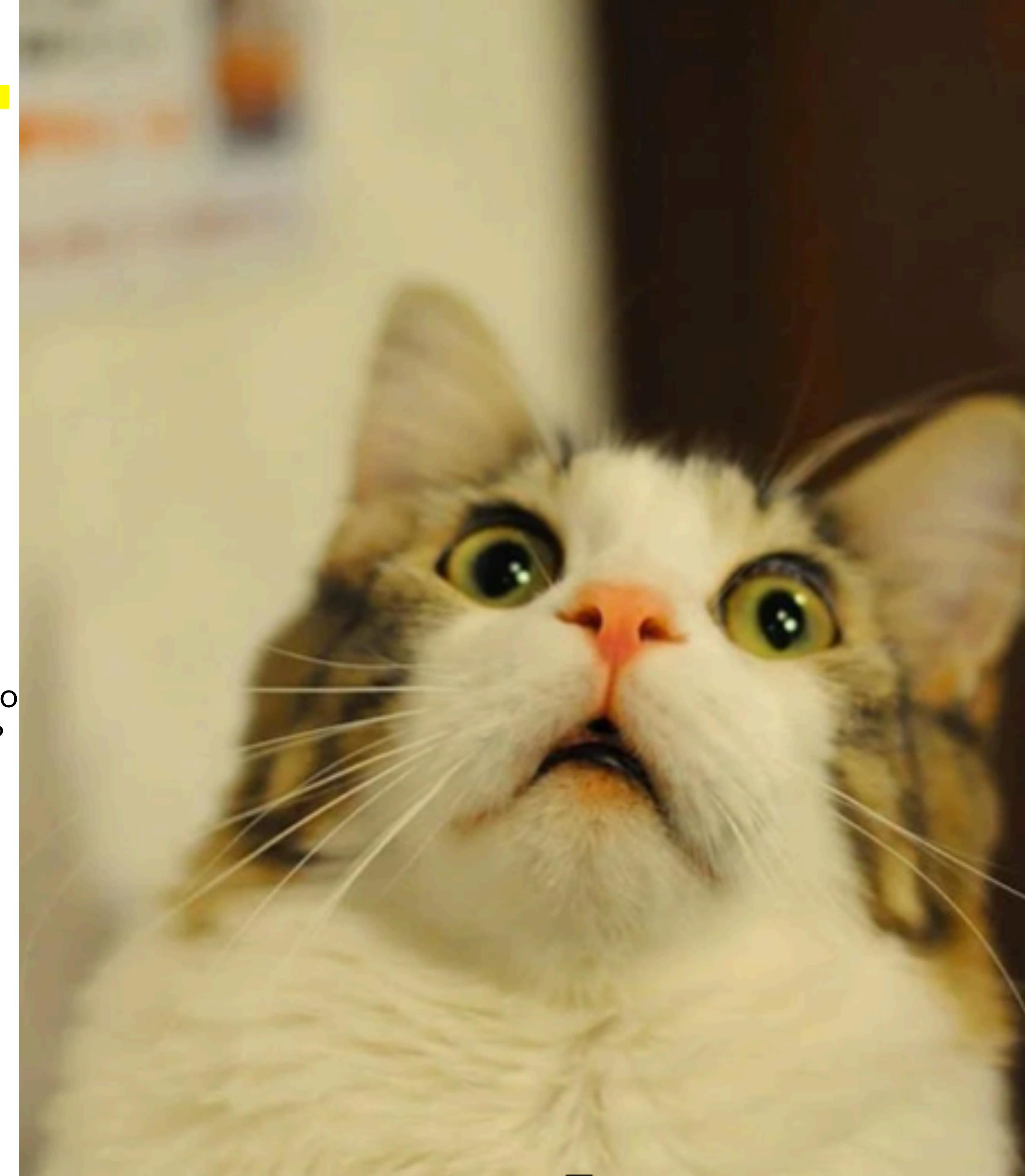
Who- Who are you? Who you know? Who are you connected to?
Who you think you are? Who others think you are?

What- What do you do? What do you like? What are your hobbies? What do you do for your free time?

When- When were you born? What generation are you? When do you wake up? When do you go to work? When do you go online?

Where- Where do you live? Where do you work? Where do you exercise? Where do you shop? Where do you search?

How- How do you communicate? How do you make decisions? How do you learn? How do you shop?





A STORY OF YOU

YOU AND YOUR DATA

WHY?

DO YOU DO THINGS?

WHY DO THEY WANT TO KNOW?

THREAT MODEL

OR WHY DOES IT MATTER TO YOU?

What data do you have?

Who wants it?

WHO WANTS IT?

CORPORATIONS

OTHER PEOPLE

STATE ENTITIES



THREAT MODEL

OR WHY DOES IT MATTER TO YOU?

What data do you have?

Who wants it?

Are they getting it? How
are they getting it?

HOW DO WE KNOW?

ARE THEY REALLY TARGETING ME?

Apps

Phones

Smart Homes/IOT

Searches

Page Visits

Purchases

Travel

Socializing

Physical Geography

Ideology

HOW DO WE KNOW?

ARE THEY REALLY TARGETING ME?

Apps

Phones

Smart Homes/IOT

Searches

Page Visits

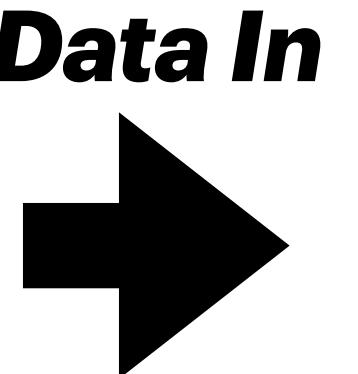
Purchases

Travel

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Physical Geography

Ideology



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Data Organized



HOW DO WE KNOW?

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Ideology

Data In
→

Data Organized
→
→

Data Out
→

Ads
Interactions
Design
Suggestions
Motivations
**Unknown use but we know
it's being collected**

THREAT MODEL

OR WHY DOES IT MATTER TO YOU?

What data do you have?

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Personal Inventory

THREAT MODEL

OR WHY DOES IT MATTER TO YOU?

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Personal Inventory

Is it a big deal
(to us? to me)?

THREAT MODEL

OR WHY DOES IT MATTER TO YOU?

What data do you have?

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Are they getting it? How
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Personal Inventory

Is it a big deal
(to us? to me)?

What am I willing to do
to prevent this?

Awareness
(Today)

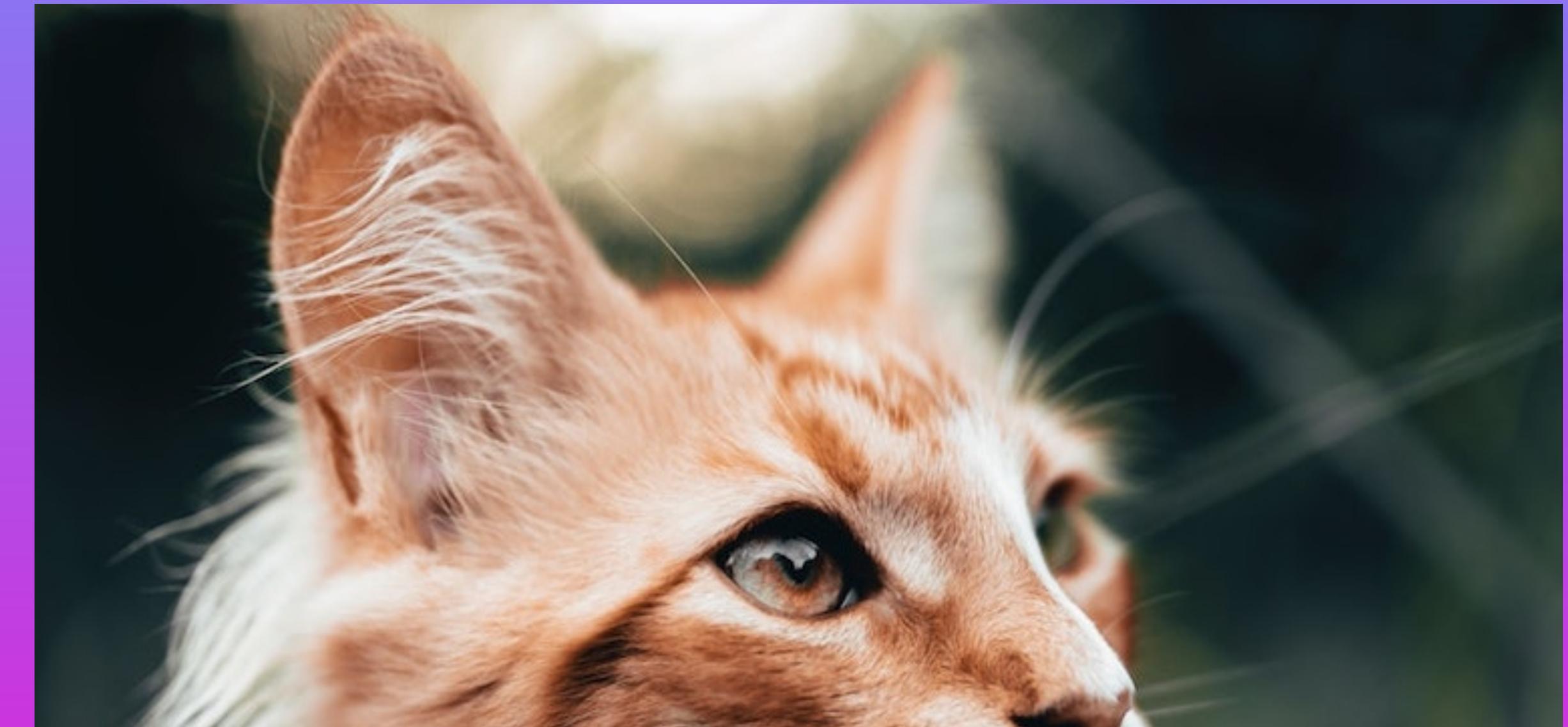
DATA

Awareness
(Today)

DATA

Prevention
(Part 2 coming July 2021)

SOME TIPS...



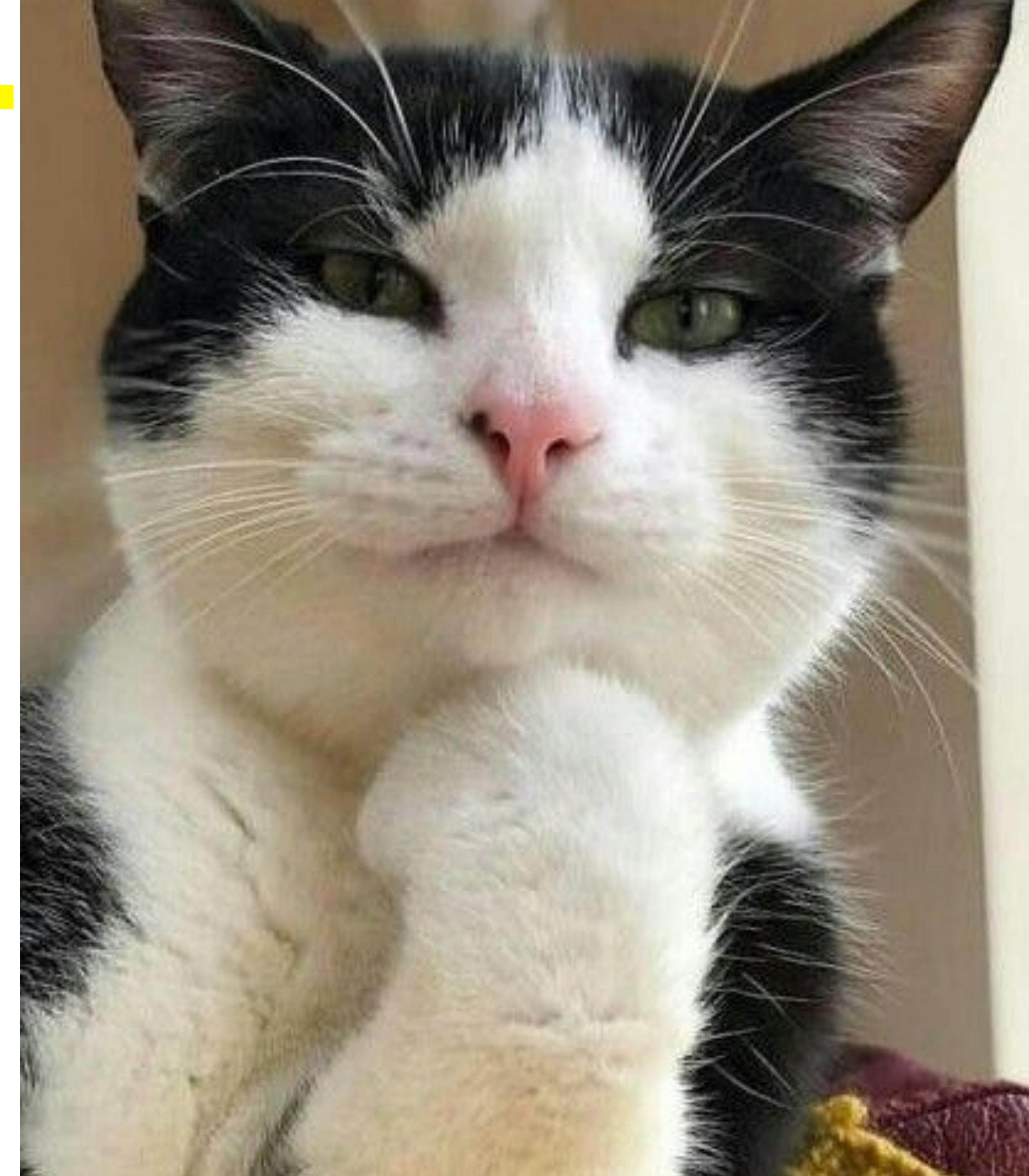
SCRUTINIZE

FREE ISN'T FREE

Privacy Policy/Terms of Use- Does the company respect your privacy?

Ethics of Company- Are they profiteers or are they concerned about their users?

Open Source- Is the code open for audit? Is there transparency?



SCRUTINIZE

FREE ISN'T FREE

Privacy Policy/Terms of Use

Does the company respect your privacy?

What is Collected

Information you provide

Usage

Device Information

How it's Stored

Encrypted?

Access?

When accessed?

How it's Shared

Does it get sold?

To whom?

How are these entities
vetted?

SCRUTINIZE

FREE ISN'T FREE

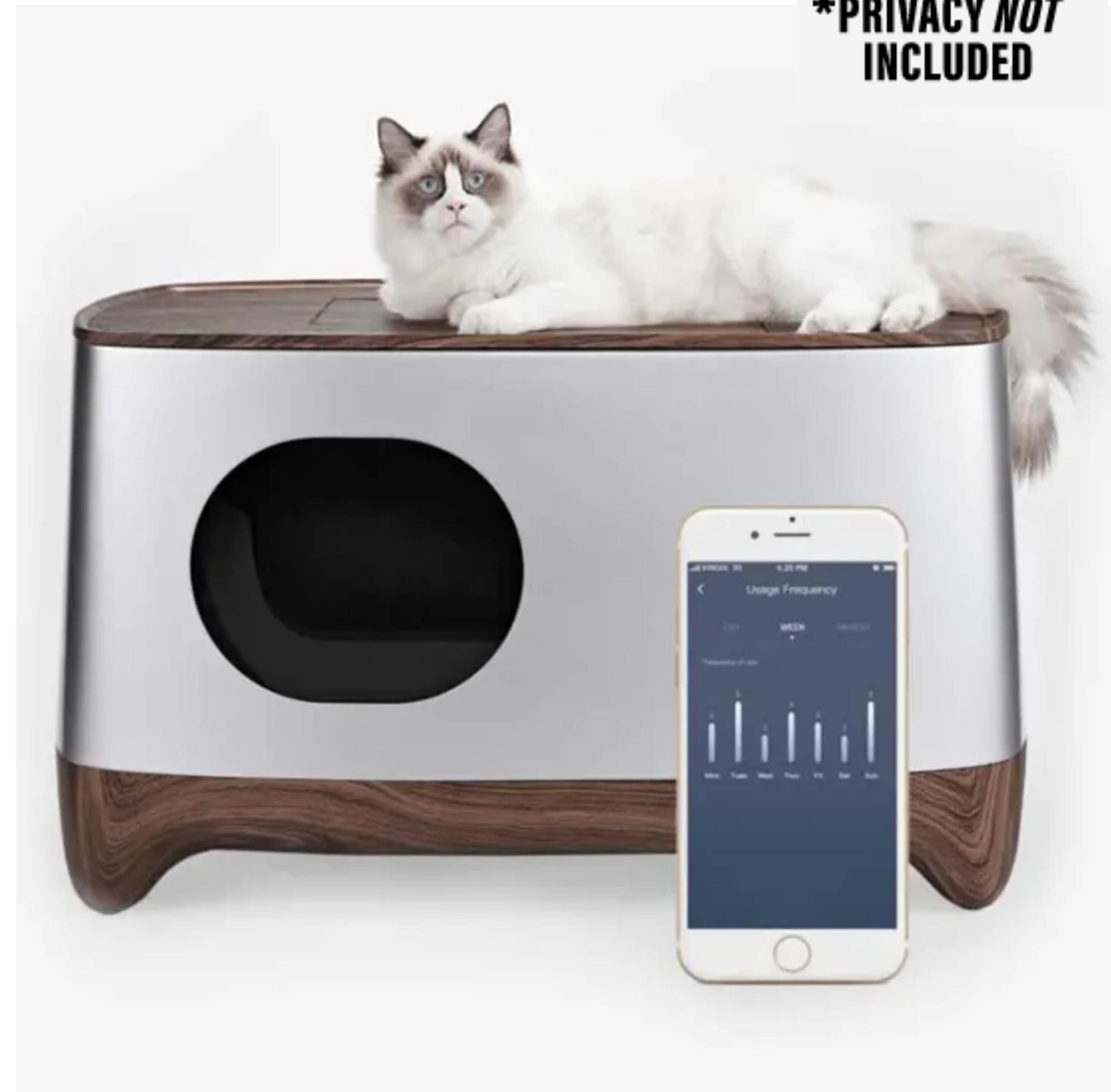
Ethics of Company- Are they profiteers or are they concerned about their users?

***privacy not included (Mozilla)**

Ikuddle Auto Pack Litter Box

No Privacy Policy

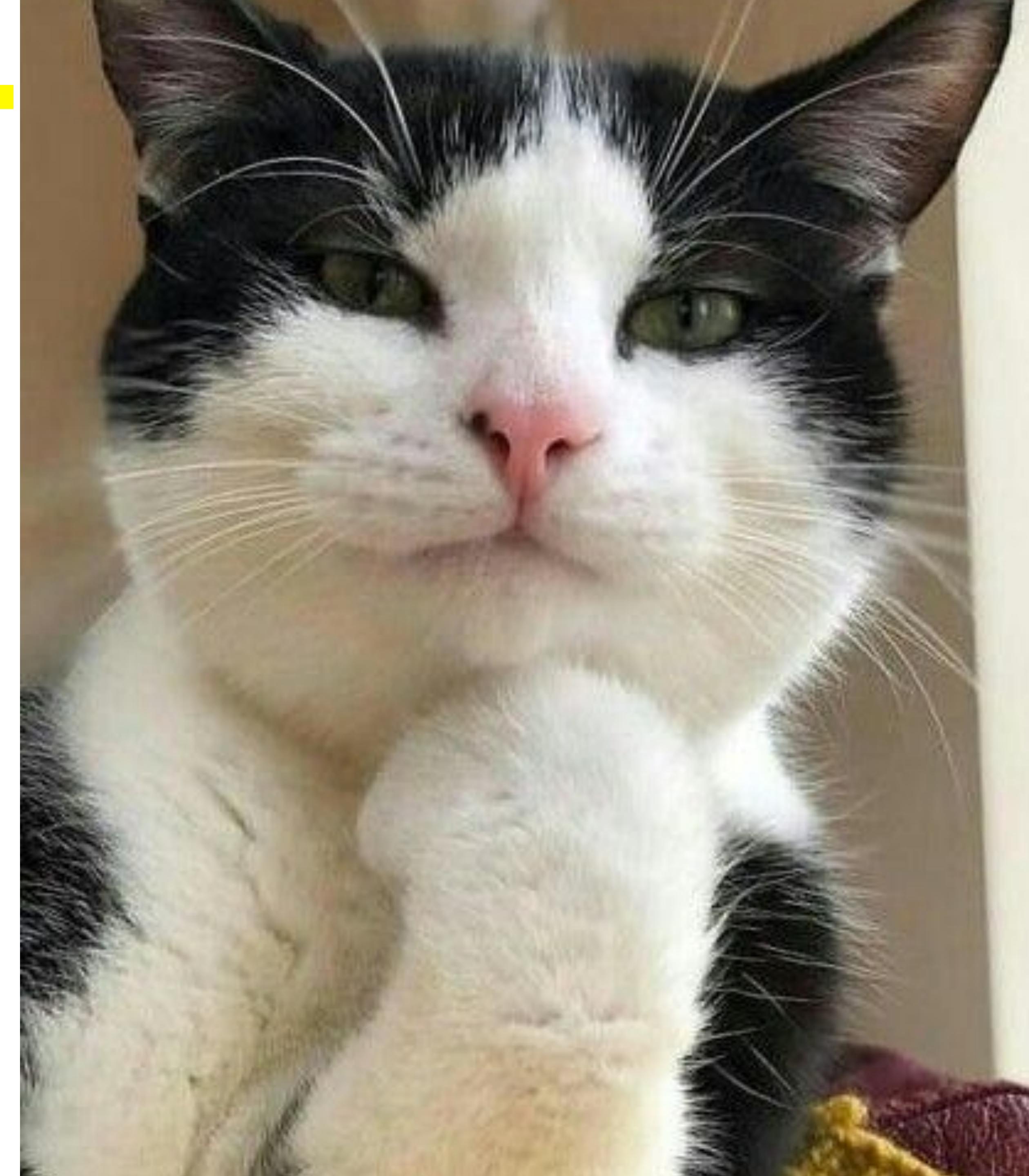
Will you receive it?



SCRUTINIZE

FREE ISN'T FREE

Open Source- Is the code open for audit? Is there transparency?



ALTERNATIVES



Pros

Lists privacy-minded apps

Cons

Convenience

PHONES

TIDYING UP



PHONES

TIDYING UP

Do you need all that app clutter?- What apps am I using? What apps take up space?



PHONES

TIDYING UP

Do you need all that app clutter?- What apps am I using? What apps take up space?

Does your phone identify you?- Do you use your name for your phone/wifi/bluetooth?



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TIDYING UP

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Does your phone identify you?- Do you use your name for your phone/wifi/bluetooth?

What services run in the background?- Do you NEED wifi/bluetooth on all the time?



PHONES

TIDYING UP

Do you need all that app clutter?- What apps am I using? What apps take up space?

Does your phone identify you?- Do you use your name for your phone/wifi/bluetooth?

What services run in the background?- Do you NEED wifi/bluetooth on all the time?

Start from Scratch?- Factory Reset?



APPS

TIDYING UP

Permissions- What are you allowing the app to access?

Location

Photos

Contacts

Camera

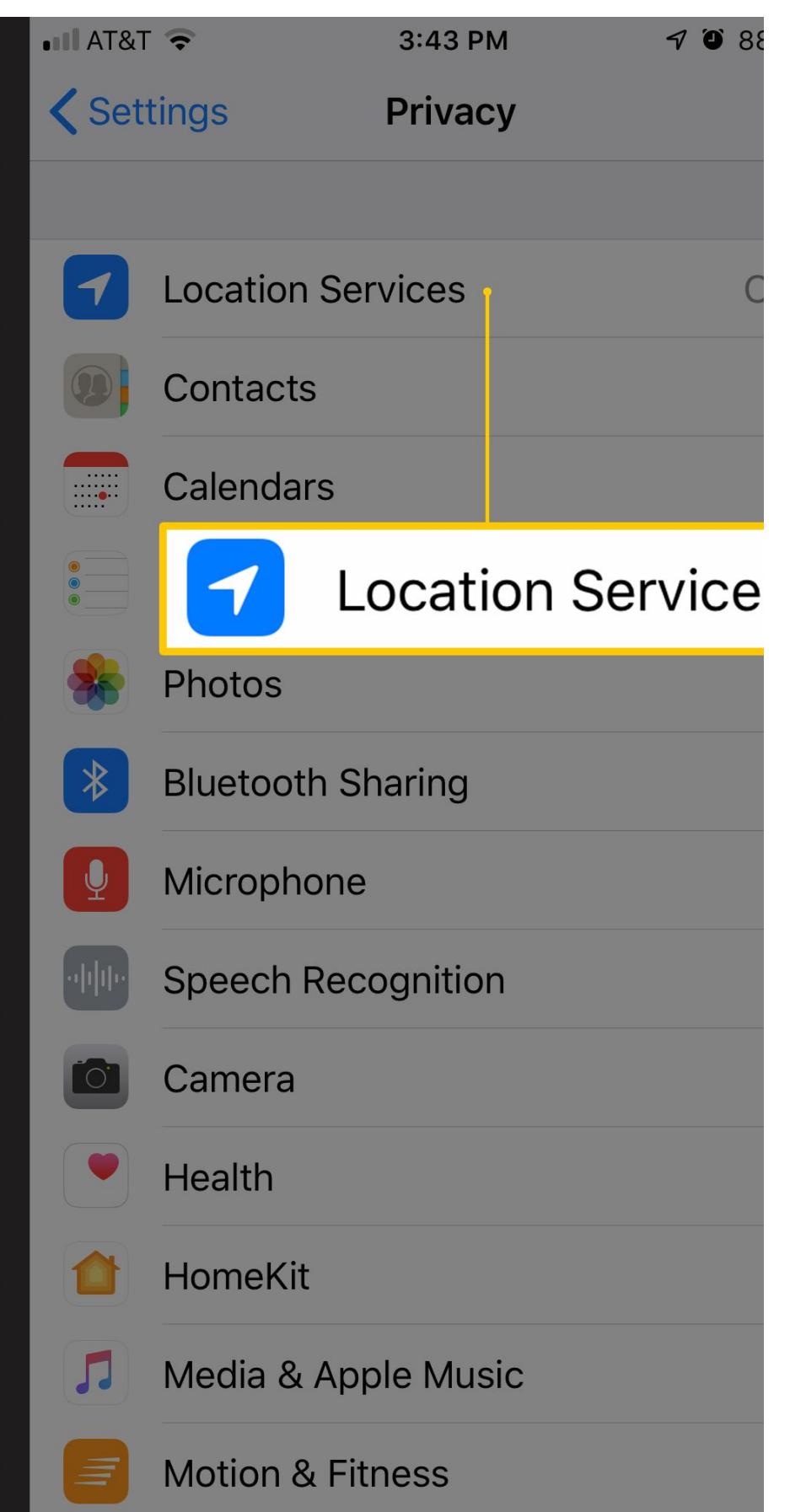
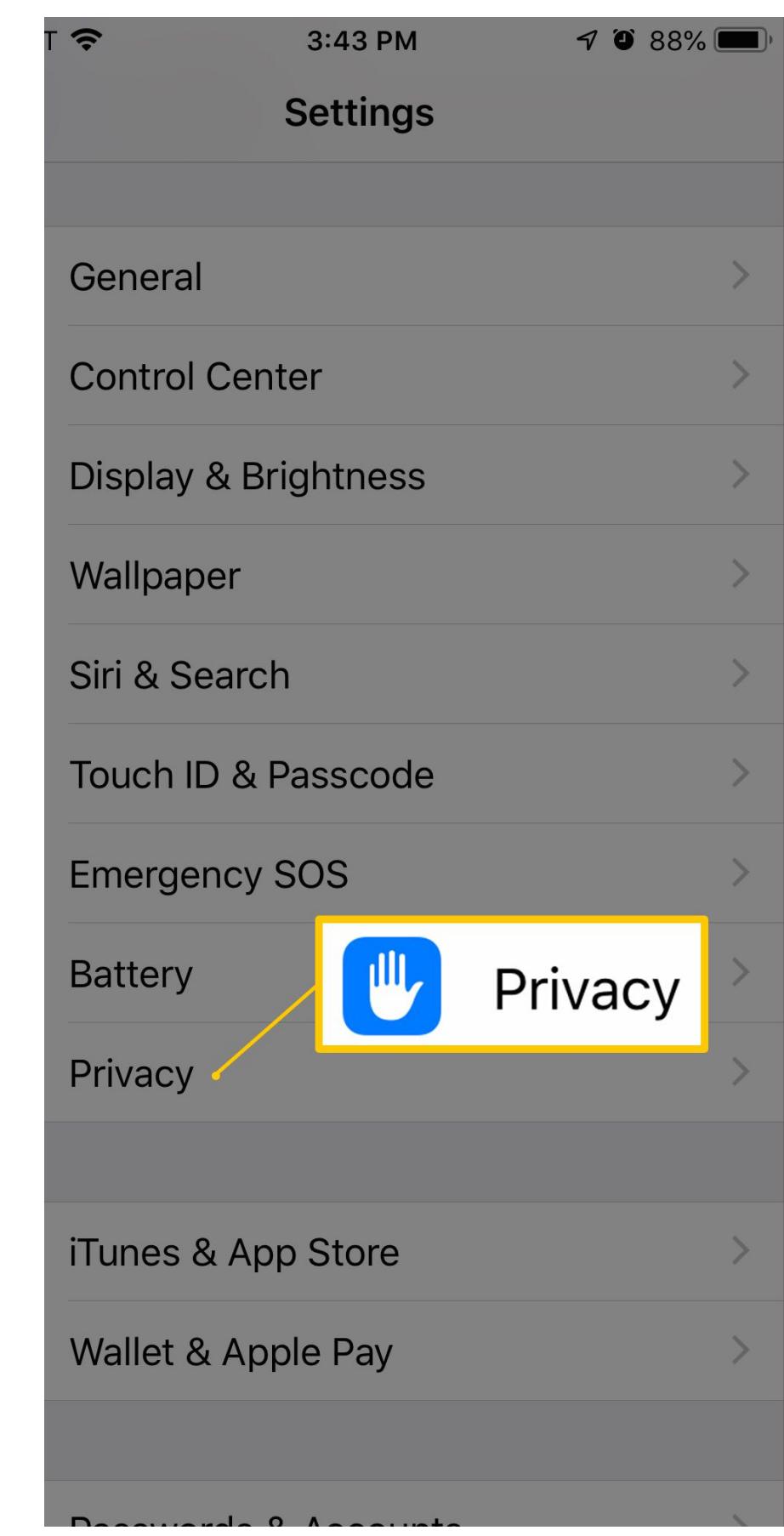
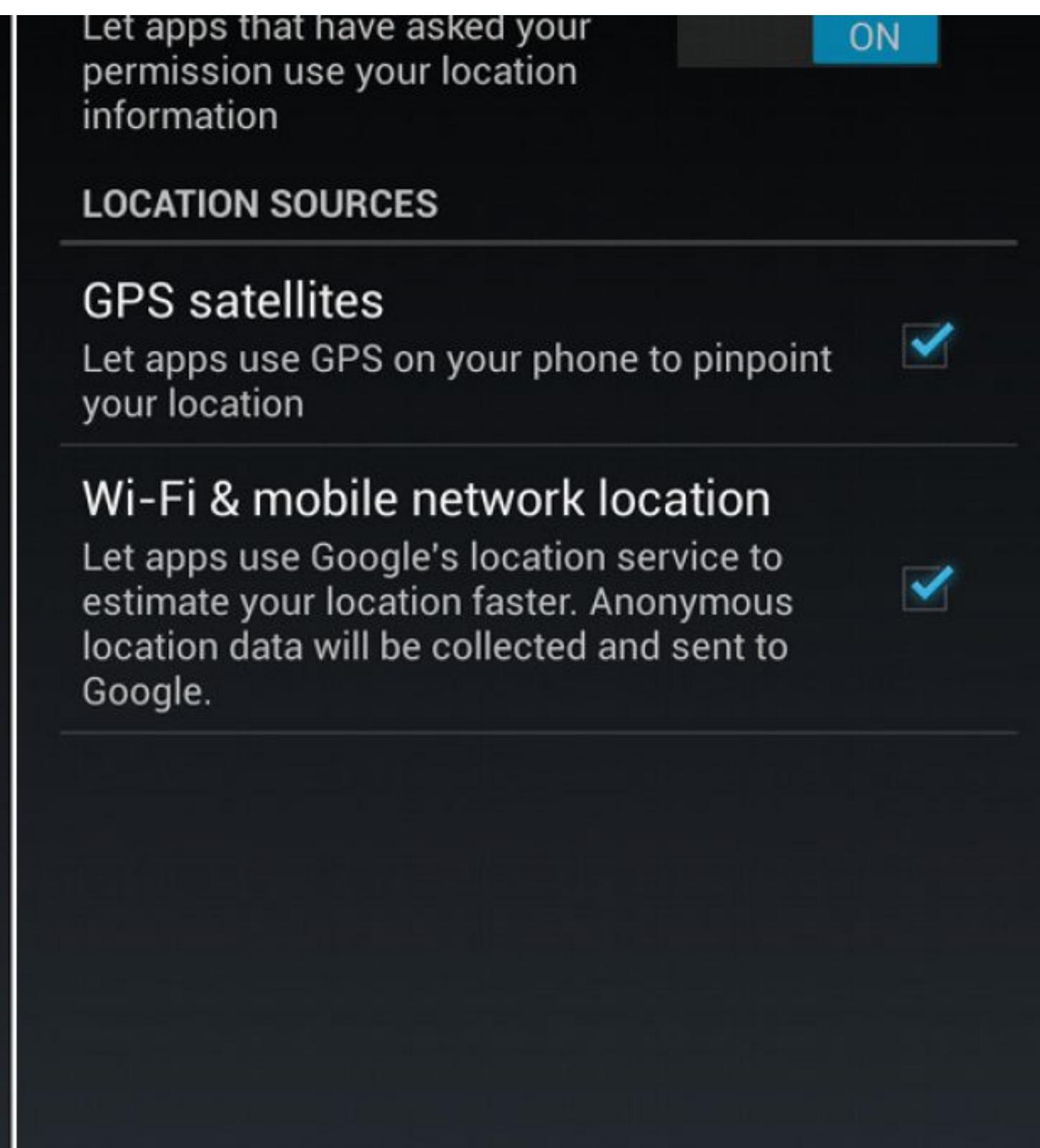
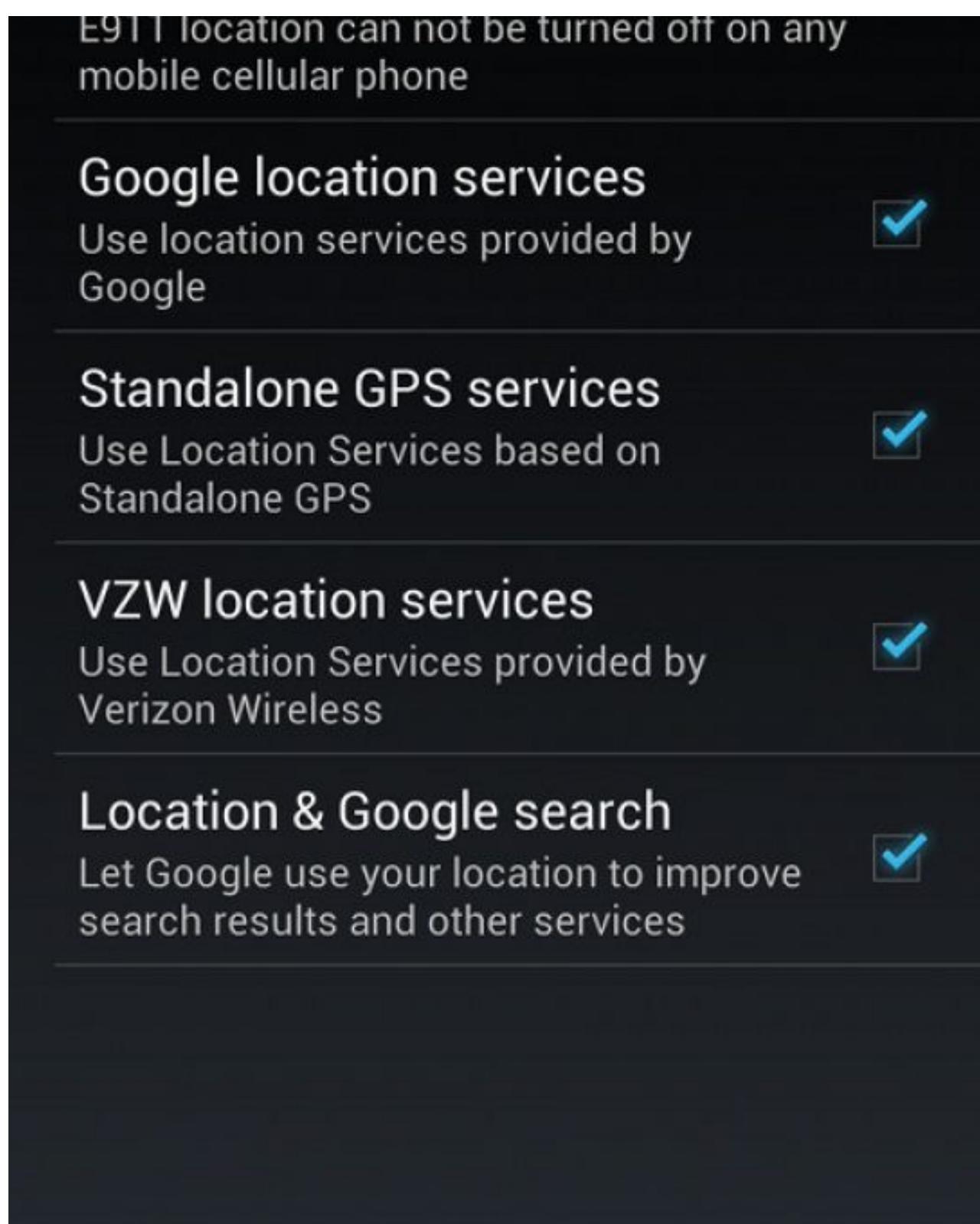
Keyboard

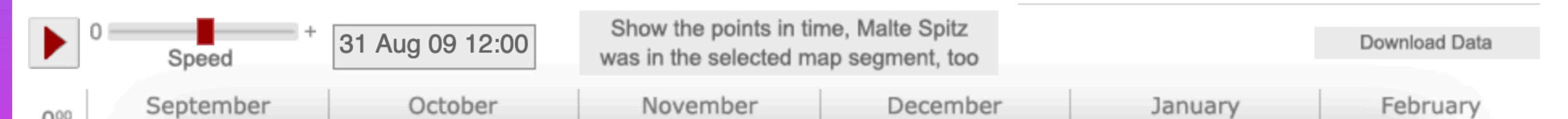
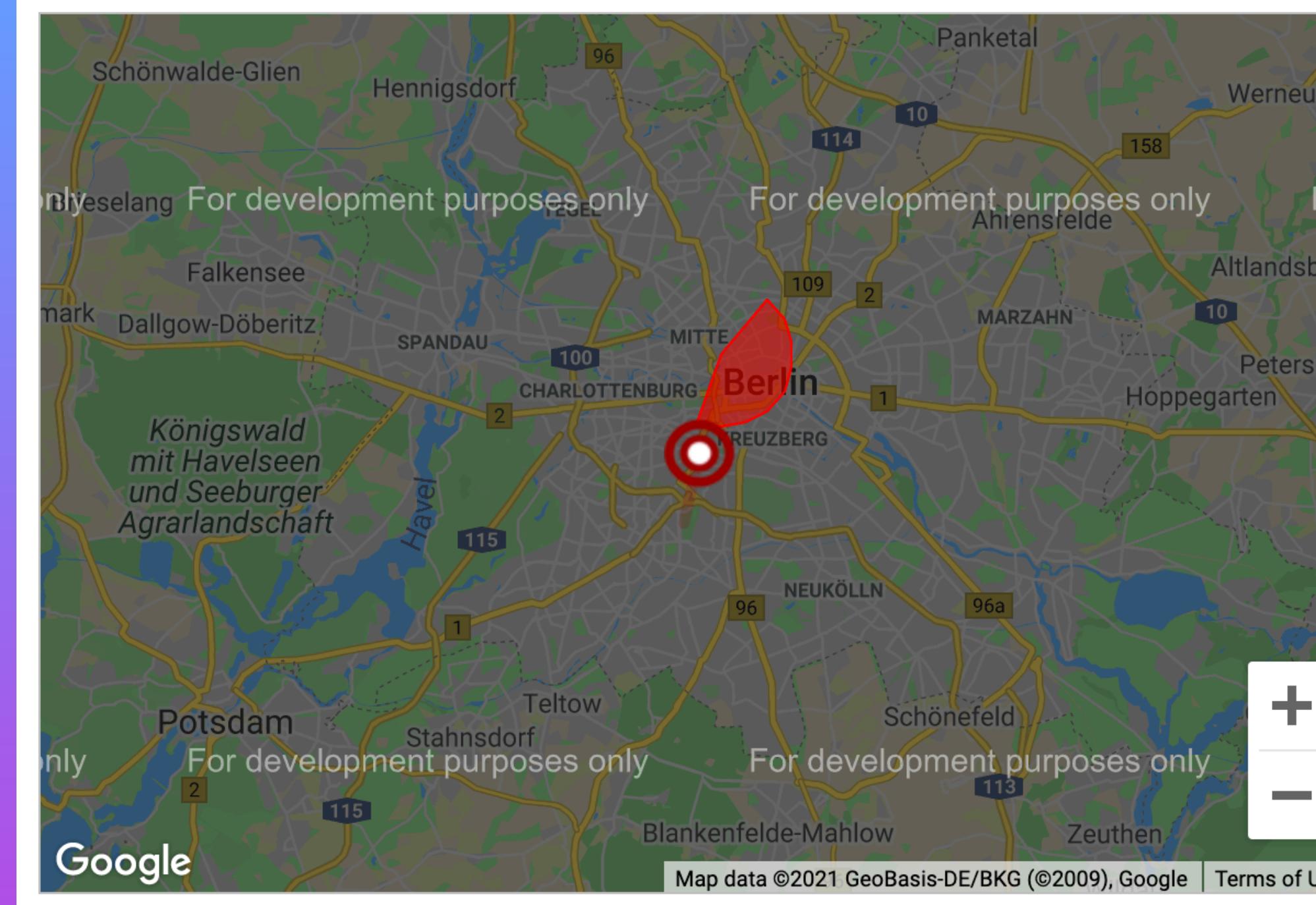
Media



LOCATION

Is the app actively keeping track of you?





Monday, 31 August 2009

Malte Spitz gives a speech to the Greens in Erfurt against internet censorship.
(source: [Parteiwebsite](#))

6 incoming calls
21 outgoing calls
total time: 1h 16min 8s

34 incoming messages
29 outgoing messages

duration of internet connection:
21h 17min 25s

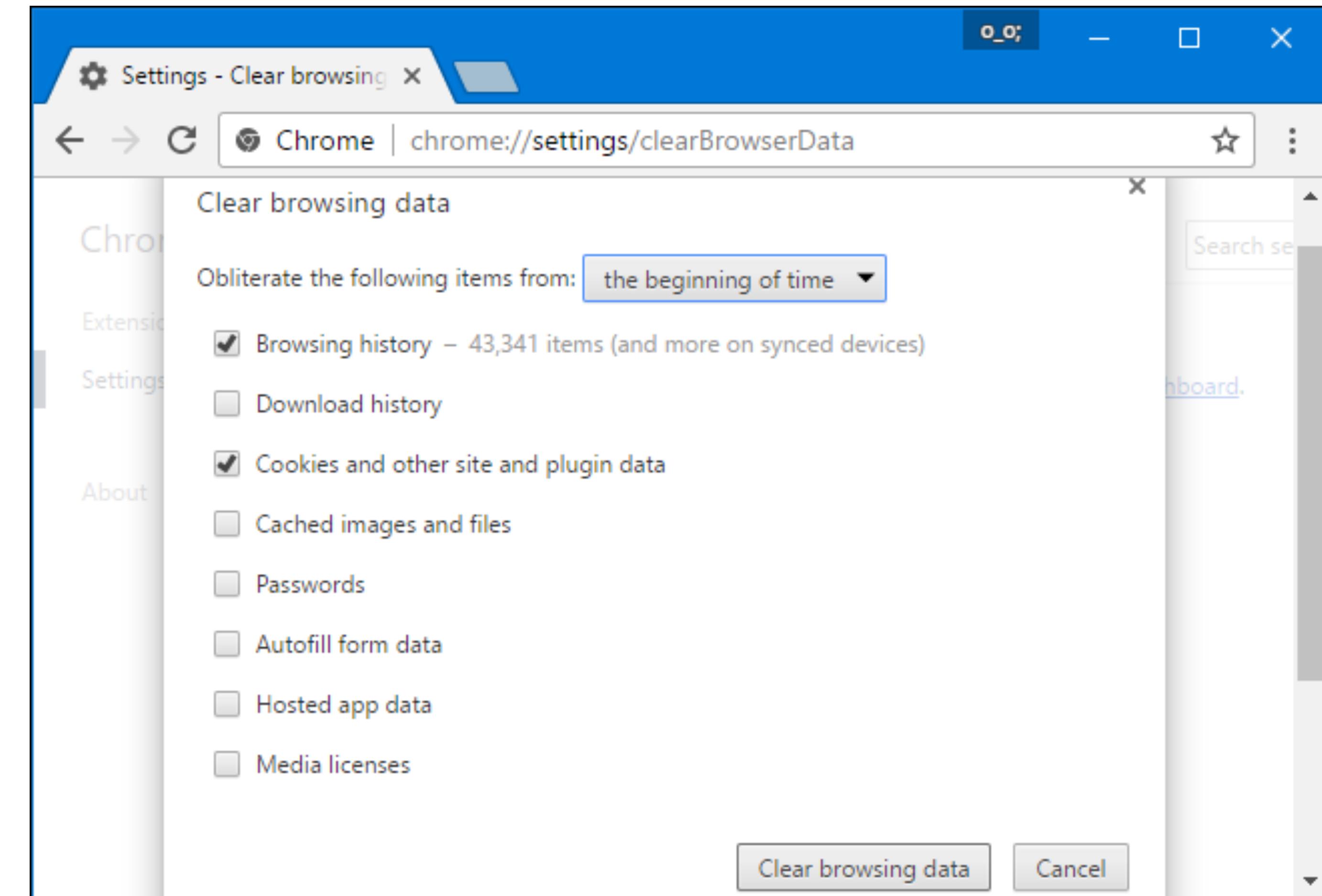
Green party politician Malte Spitz sued to have German telecoms giant Deutsche Telekom hand over six months of his phone data that he then made available to ZEIT ONLINE. We combined this geolocation data with information relating to his life as a politician, such as Twitter feeds, blog entries and websites, all of which is all freely available on the internet.

By pushing the play button, you will set off on a trip through Malte Spitz's life. The speed controller allows you to adjust how fast you travel, the pause button will let you stop at interesting points. In addition, a calendar at the bottom shows when he was in a particular location and can be used to jump to a specific time period. Each column corresponds to one day.

BROWSERS

TOO MANY COOKIES

History/Cache/Cookies- What does your browser say about you?



BROWSERS

TOO MANY COOKIES

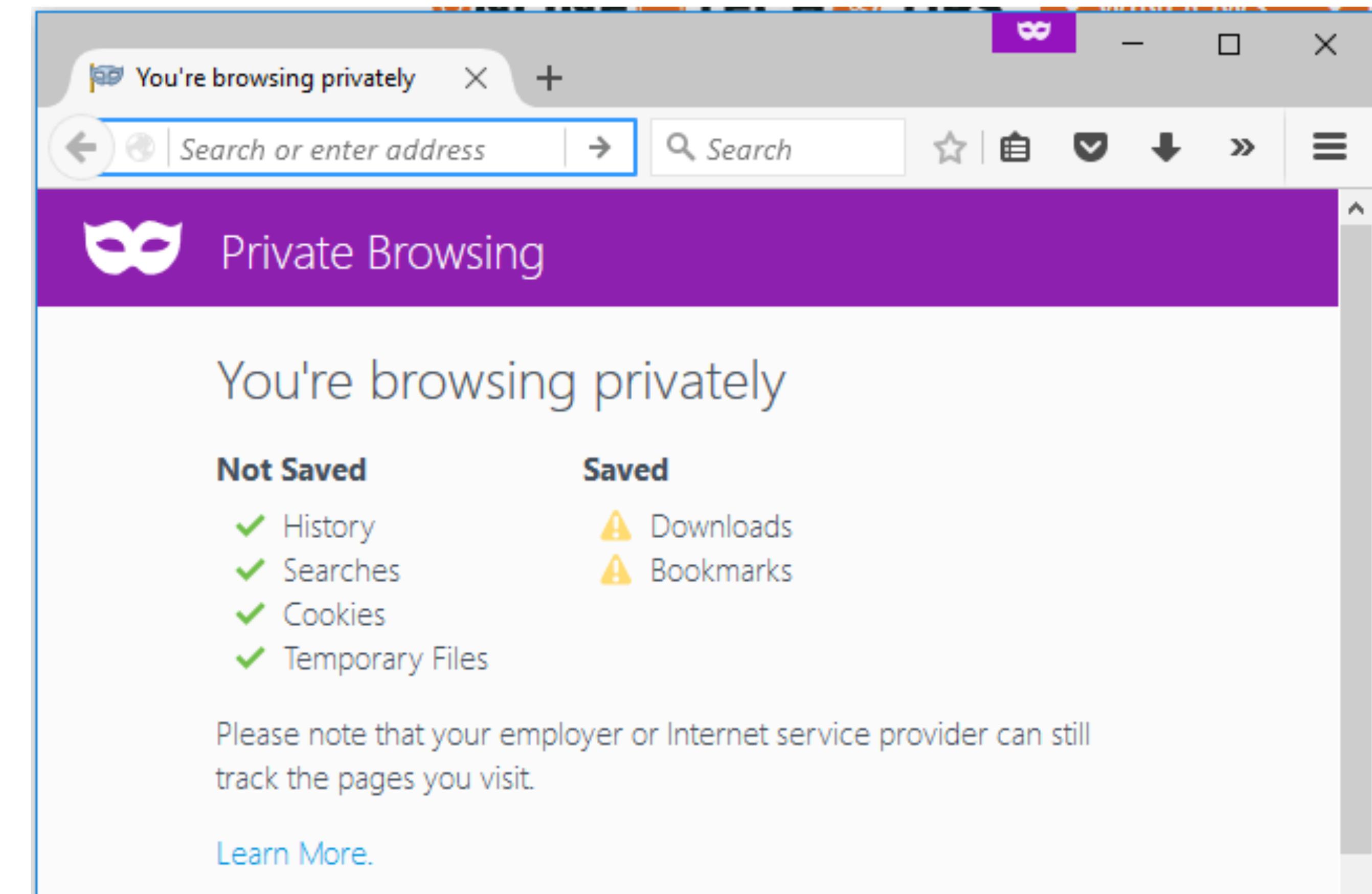
History/Cache/Cookies- What does your browser say about you?

Privacy Mode

Ex.

Incognito Mode (Chrome)

Privacy Mode (Firefox)



SOCIAL MEDIA

OOPH....



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Settings- Does everyone need to know you like that? What privacy options does the company offer?



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RSVP?- Do you NEED to RSVP to events?



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Tags- Do you NEED to be tagged?



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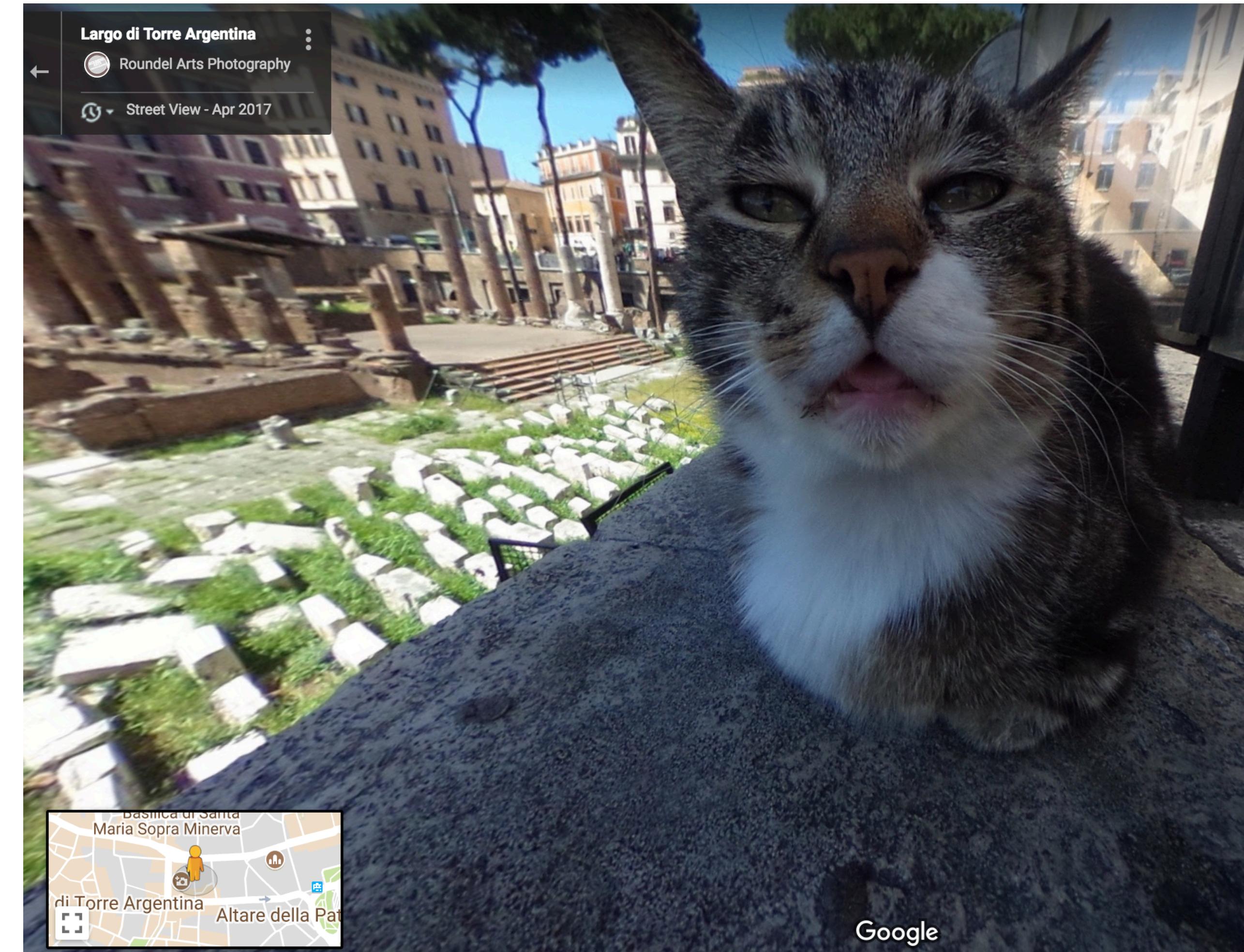
Past Posts- Do you NEED all your posts?



ONLINE SEARCH

WHAT'S OUT THERE...?

Google yourself!



ONLINE SEARCH

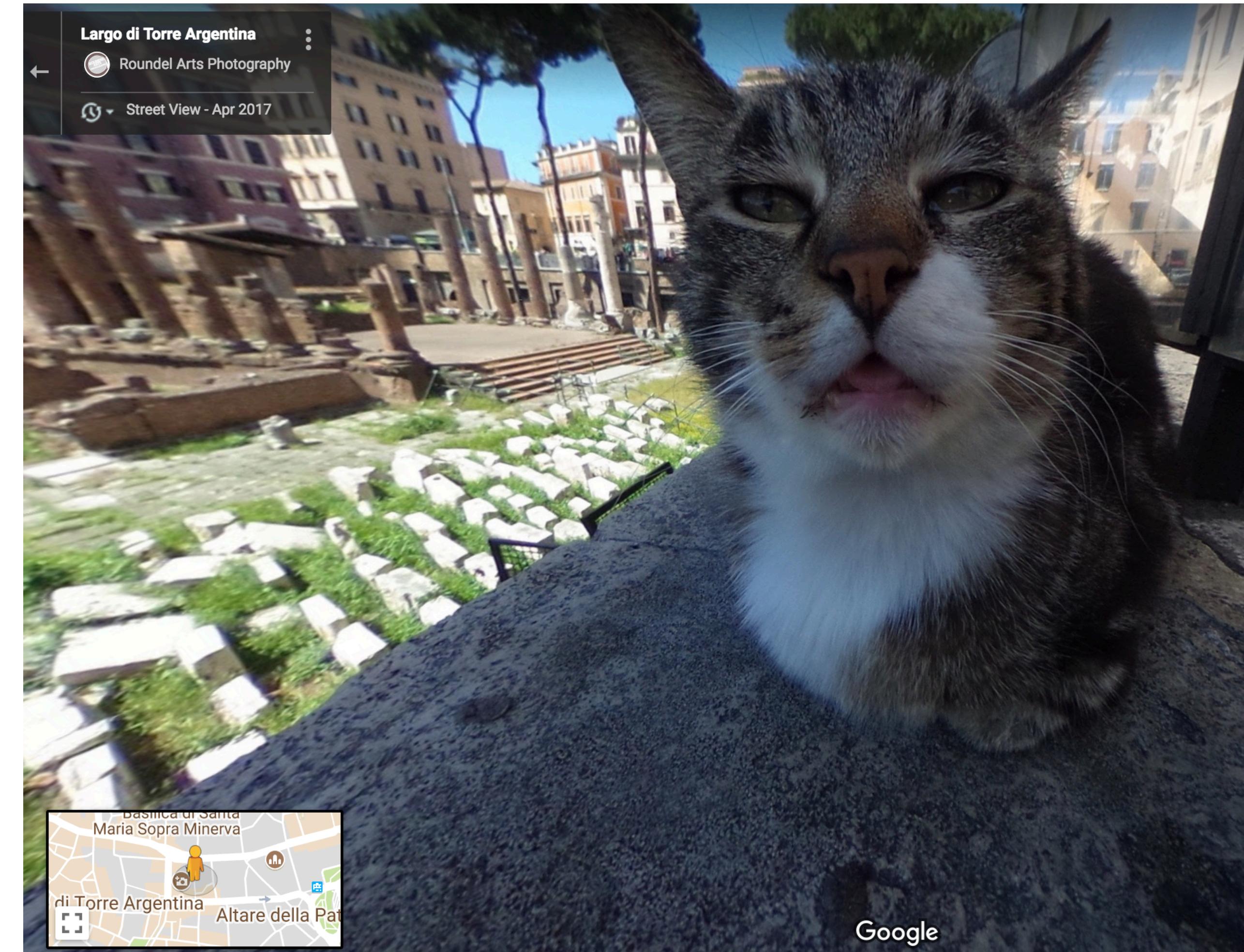
WHAT'S OUT THERE...?

Google yourself!

Internally-

Location Information

Searches



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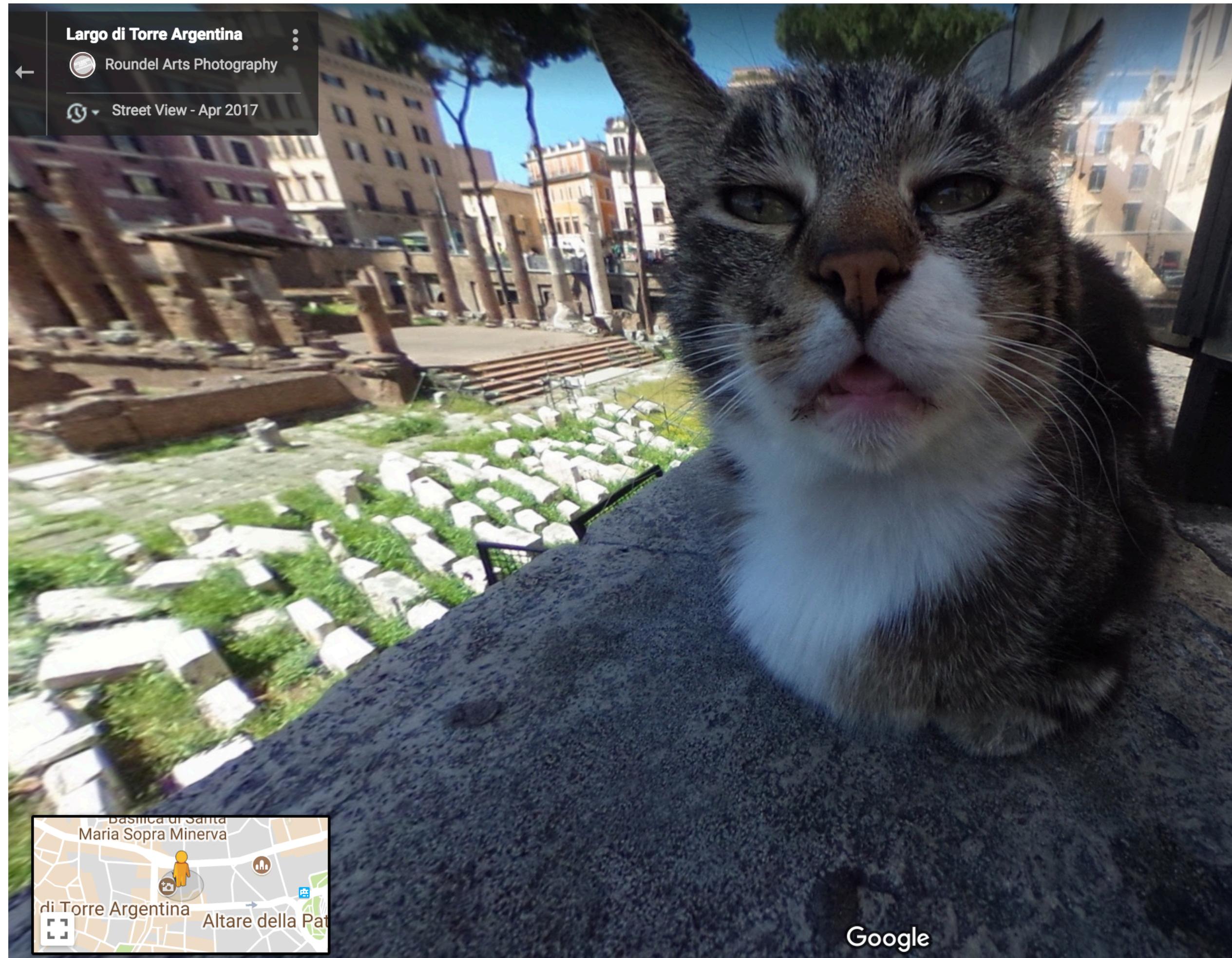
Searches

Externally

Old Profiles?

Images

People Finder?



ONLINE SEARCH

WHAT'S OUT THERE...?

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Location Information

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Externally

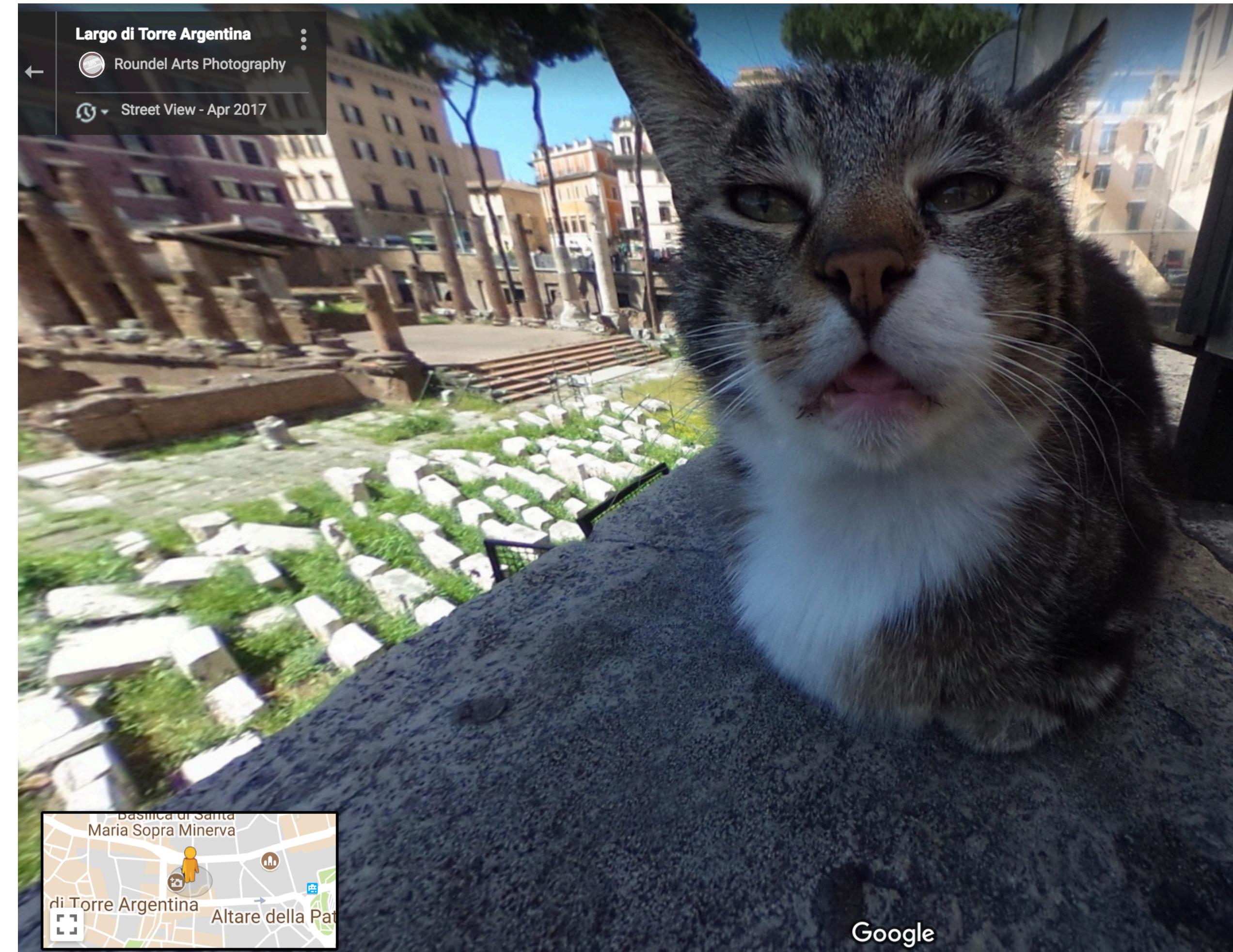
Old Profiles?

Images

People Finder?



Resource Tip:
Check out Privacy Duck!



DETOX SUMMARY

Your data is valuable (probably because you are)

Threat Model to take inventory- you know your needs and situation best!

App Consciousness- think about WHY you need an app, think about what the app needs from you

Digital Hygiene- No worries if you make mistakes, the best strategy is to do this frequently

A close-up photograph of a ginger cat's face. The cat has bright orange fur and is looking directly at the camera with its mouth slightly open, showing its pink tongue and teeth. Its eyes are dark and expressive. The background is blurred, making the cat's face the clear focal point.

GO FORTH AND DETOX!

THANKS FOR WATCHING!

FURTHER RESOURCES

Cypurr Resources

Website- <https://cypurr.nyc>

Open Collective (Donation/Tshirt)- <https://opencollective.com/cypurr-collective>

Questions? Comments? Topic Ideas?

- Email- cypurr@protonmail.com
- Join our email list for updates!

Social Media- FB/Twitter @cypurnyc

