Mimicking Object Agency: An Artist's Approach

@chrisspeed

The conditions of Ubiquity

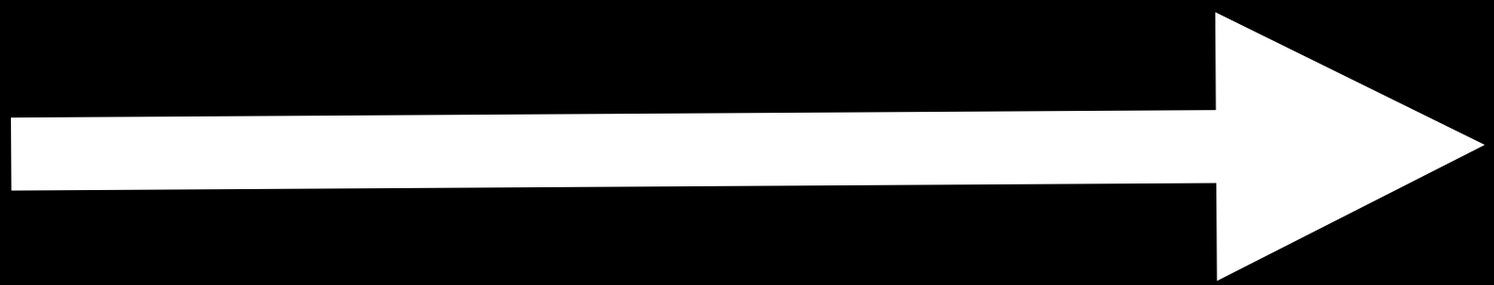
Co-Mapping

Internet of Things

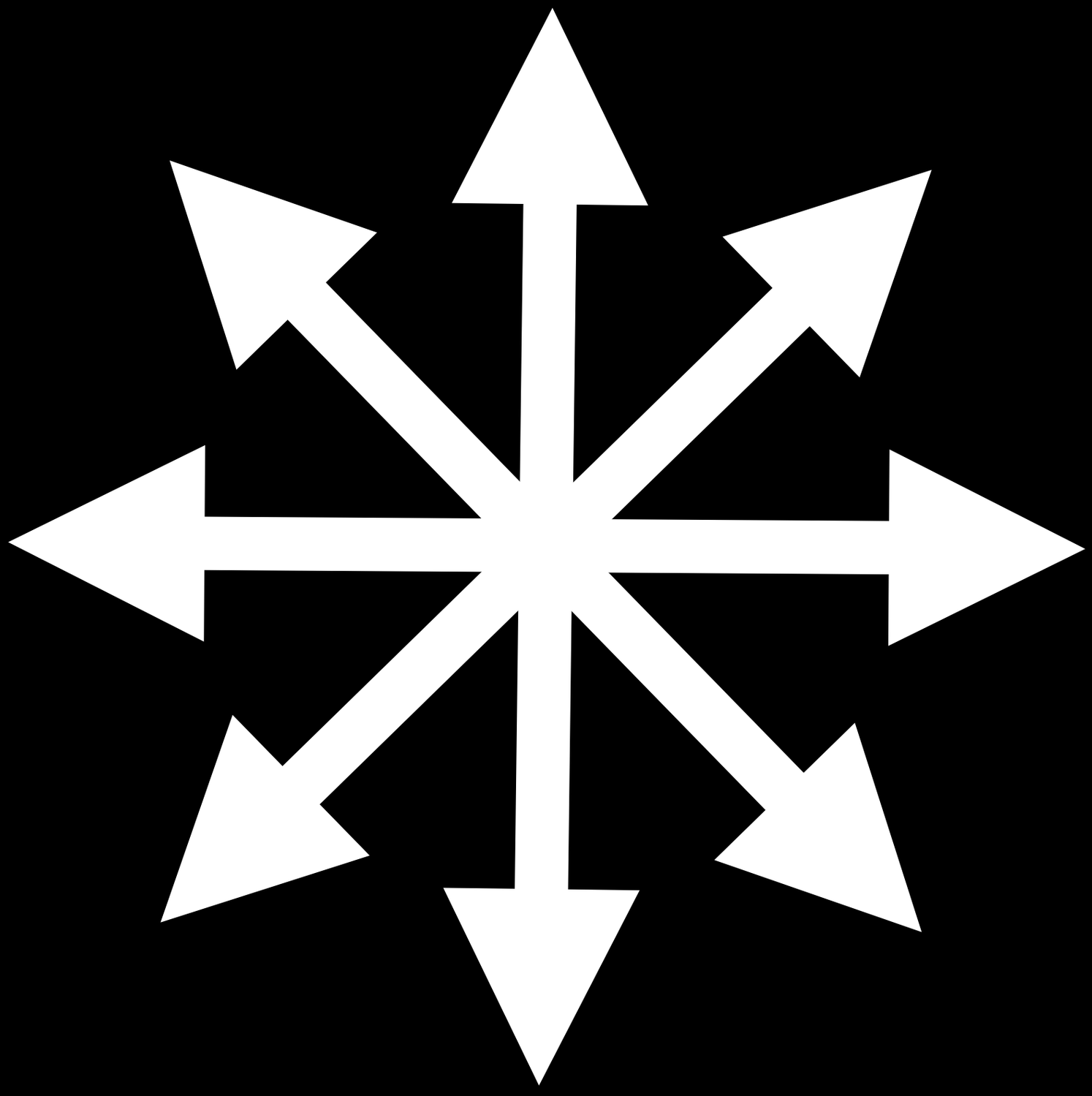
Internet of Cars

Mimicking Object Agency

A plan (of sorts)



Arrows of Time



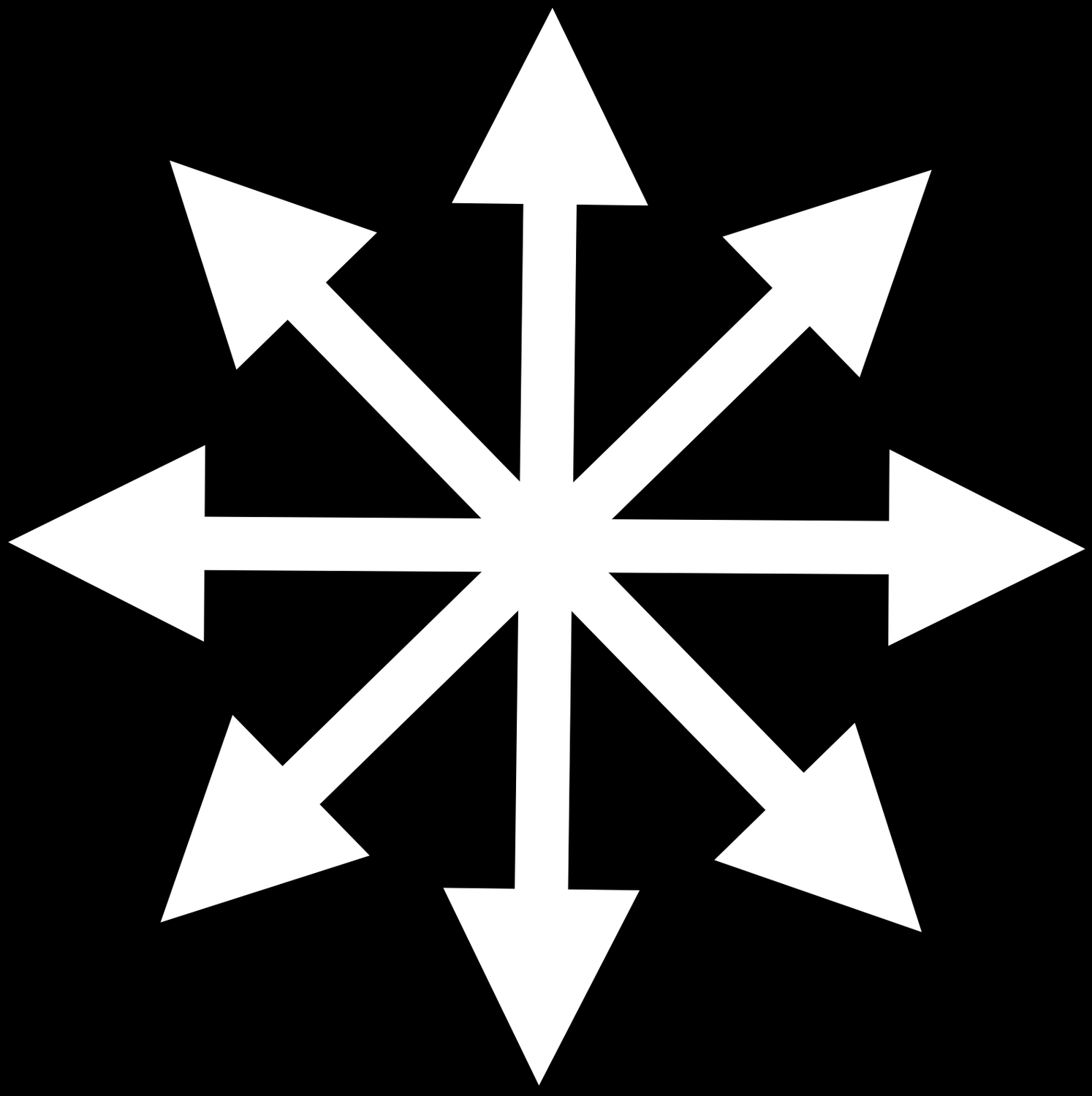
Ubiquity

Ubiquity

Ubiquity

Ubiquity

Ubiquity



Ubiquity

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Amazon Erases Orwell Books From Kindle

Lucas Jackson/Reuters

A commuter using an Amazon Kindle while riding the subway in New York.

By BRAD STONE
Published: July 17, 2009

In George Orwell's "1984," government censors erase all traces of news articles embarrassing to Big Brother by sending them down an incineration chute called the "memory hole."

On Friday, it was "1984" and another Orwell book, "Animal Farm," that were dropped down the memory hole — by Amazon.com.

In a move that angered customers and generated waves of online pique, Amazon remotely deleted some digital editions of the books from the Kindle devices of readers who had bought them.

An Amazon spokesman, Drew Herdener, said in an e-mail message that the books were

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PRINT
REPRINTS
SHARE

NEVER LET ME GO
WATCH THE TRAILER

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Ubiquity

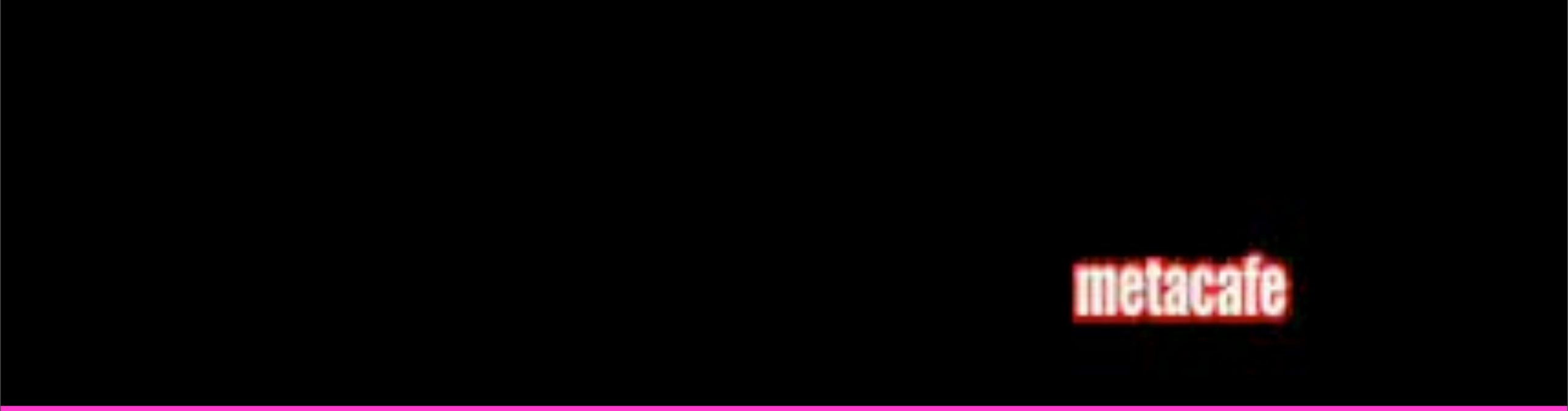
6th Sense Transport

Ubiquity

Transport Network?

Transport Network?

Transport Network?



Ubiquity

GPS and linearity

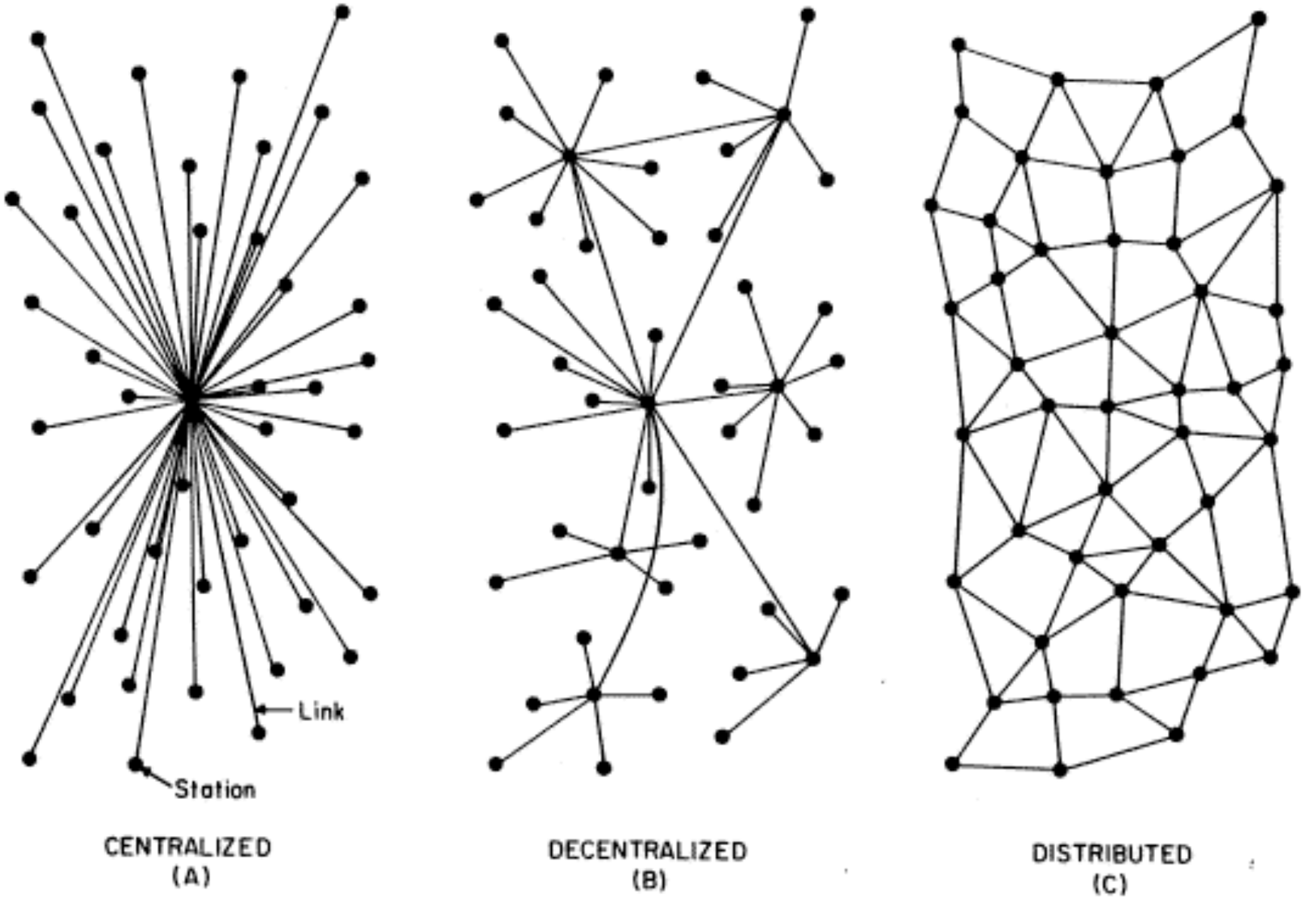
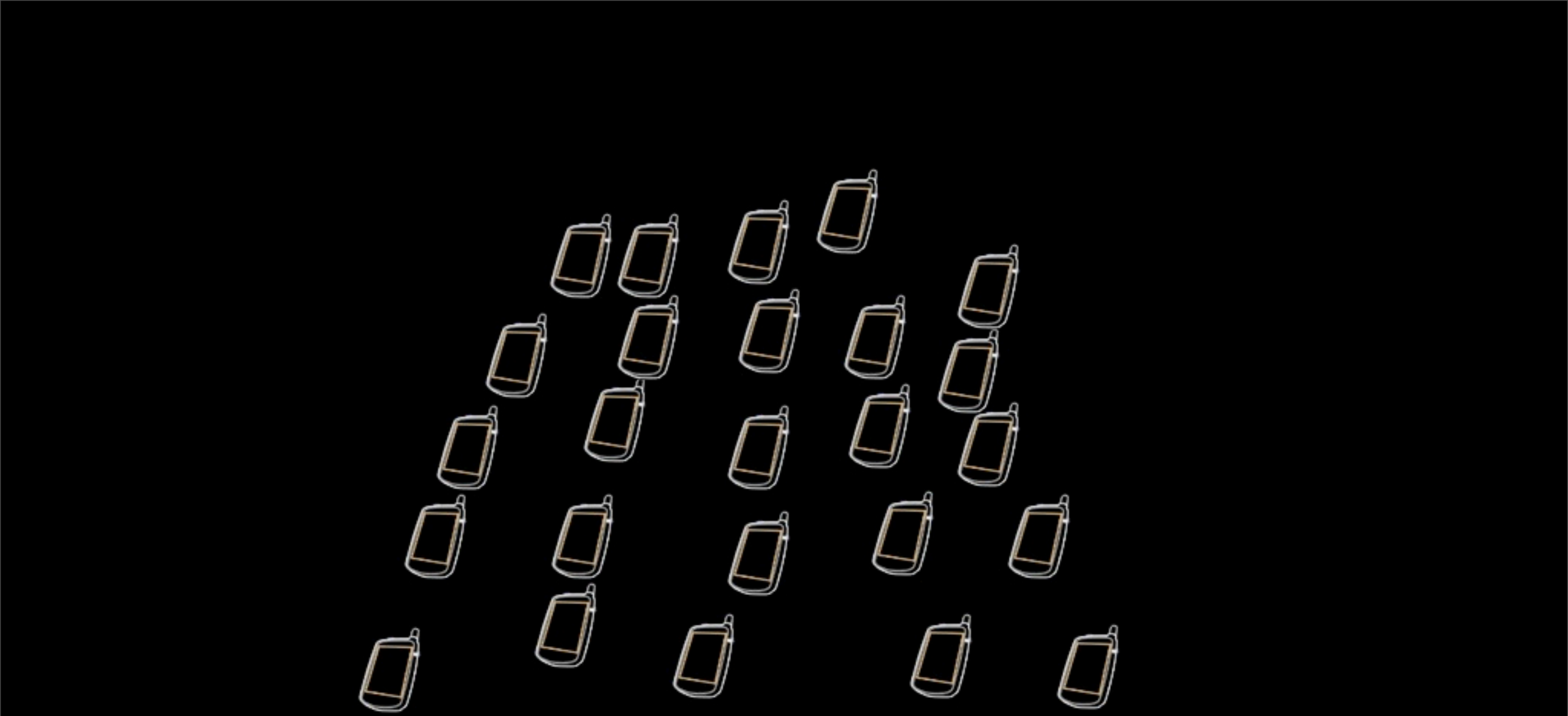


FIG. 1 — Centralized, Decentralized and Distributed Networks

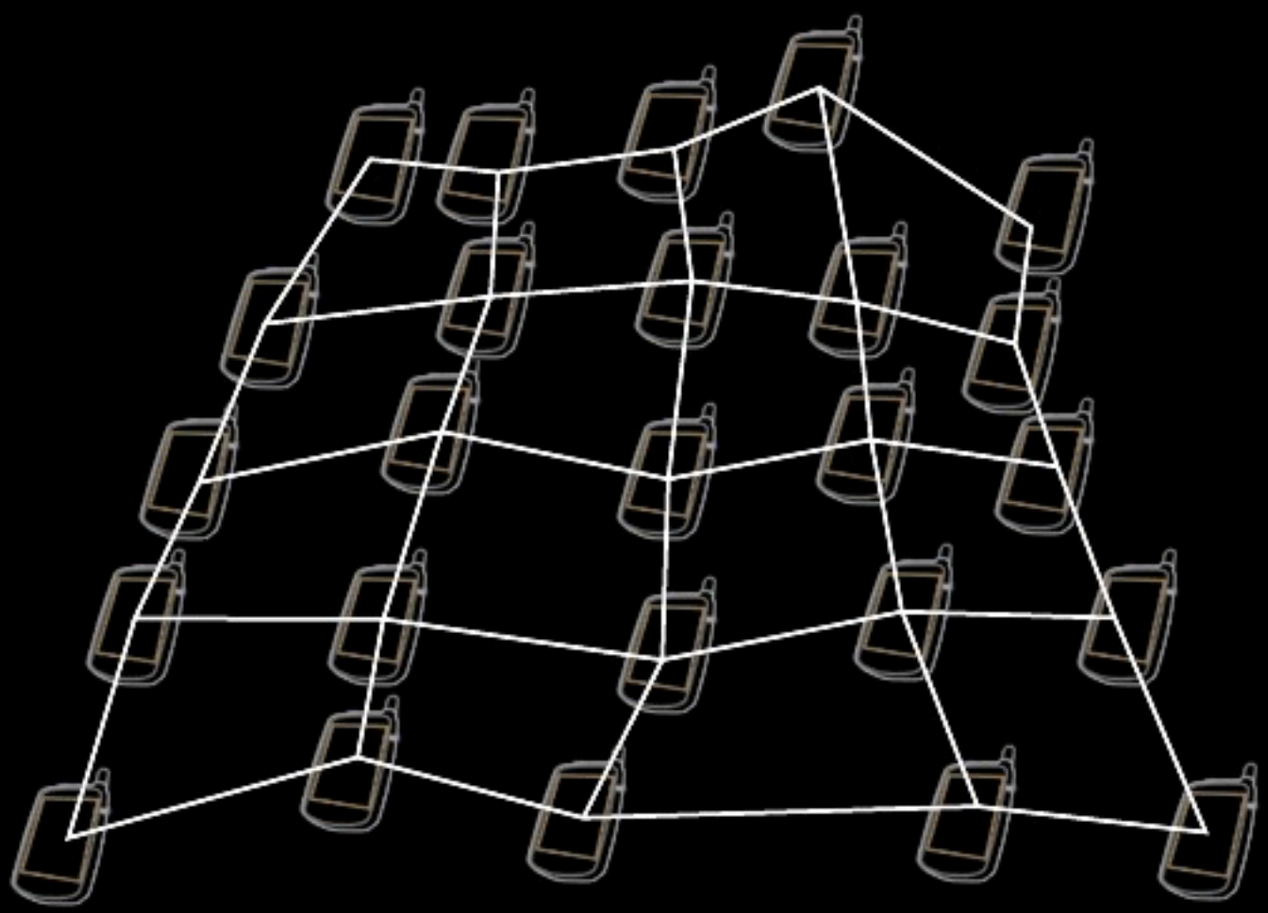
GPS and linearity

Network experiences



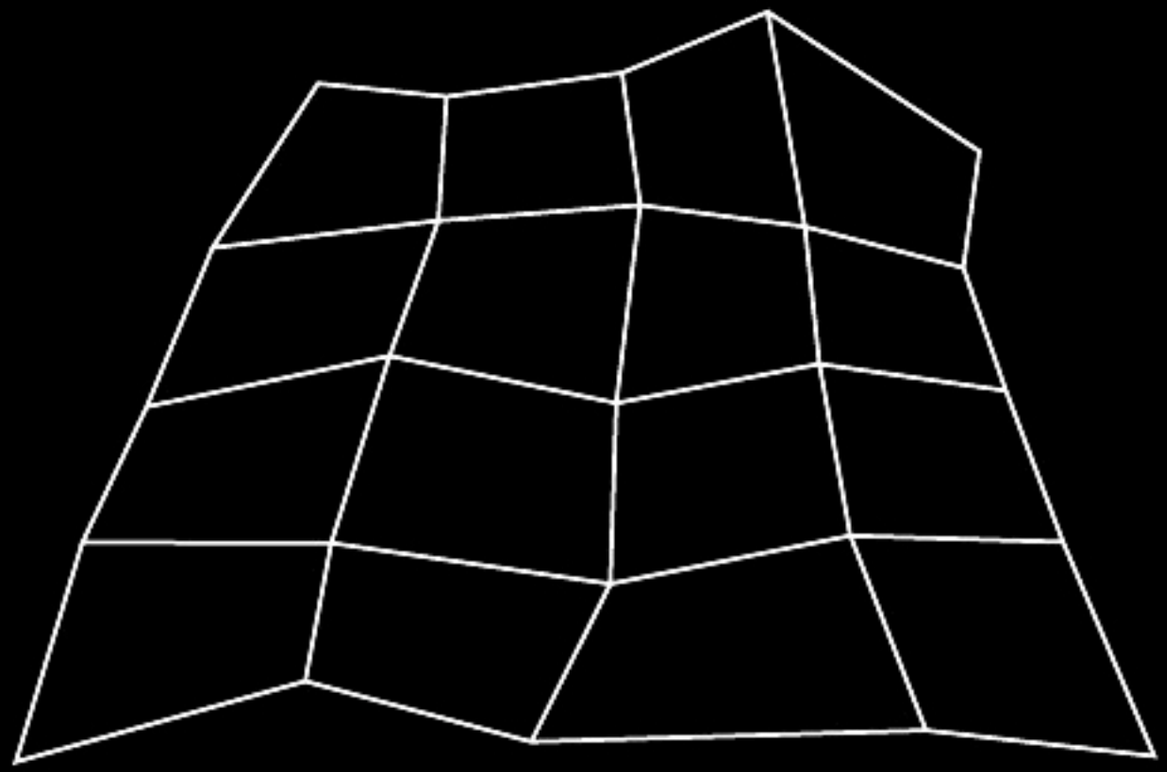
Social networks

Comob Net: visualising social relations



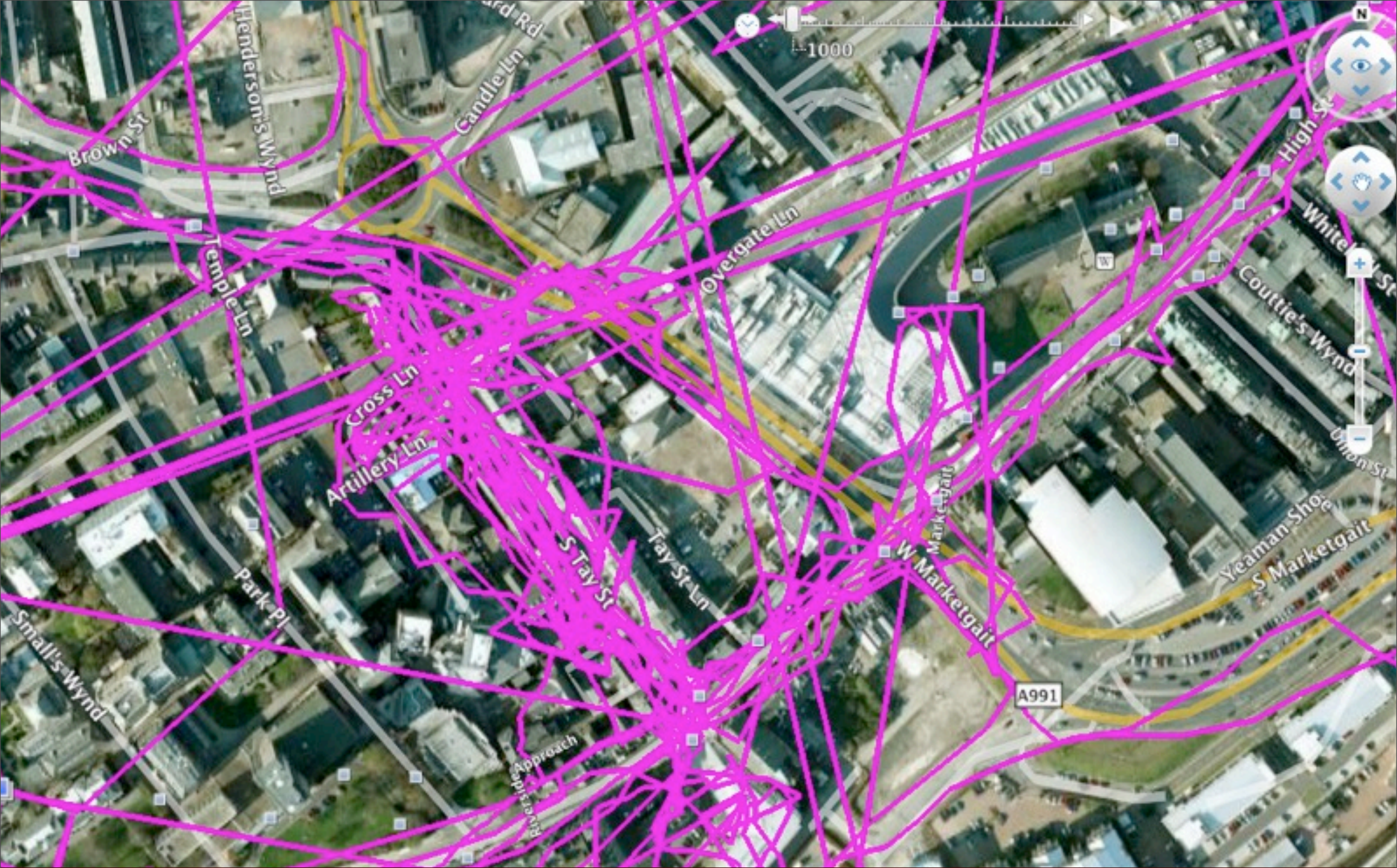
Social networks: People as Coordinates

Comob Net: visualising social relations



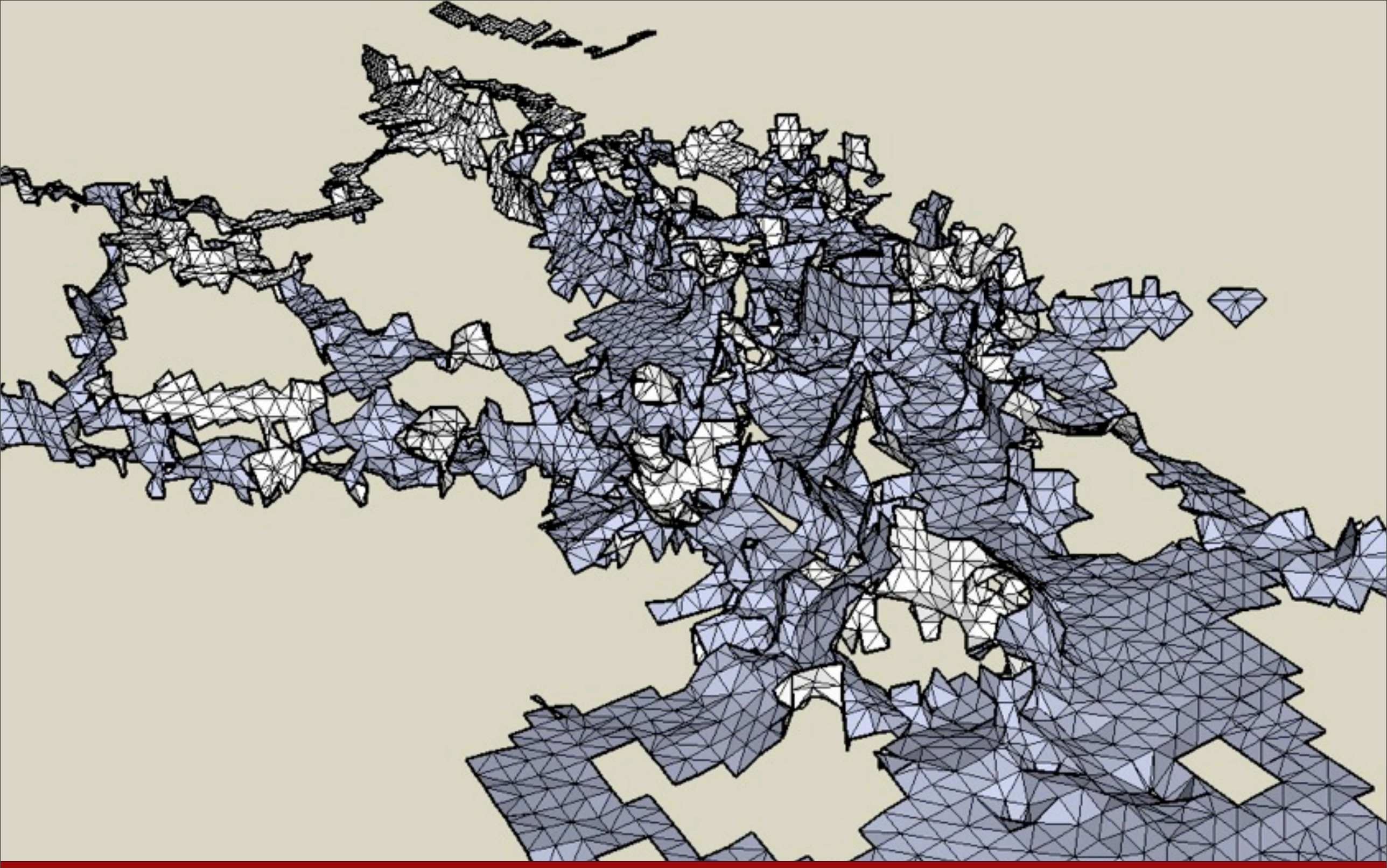
Social networks: People as Coordinates

Comob Net: visualising social relations



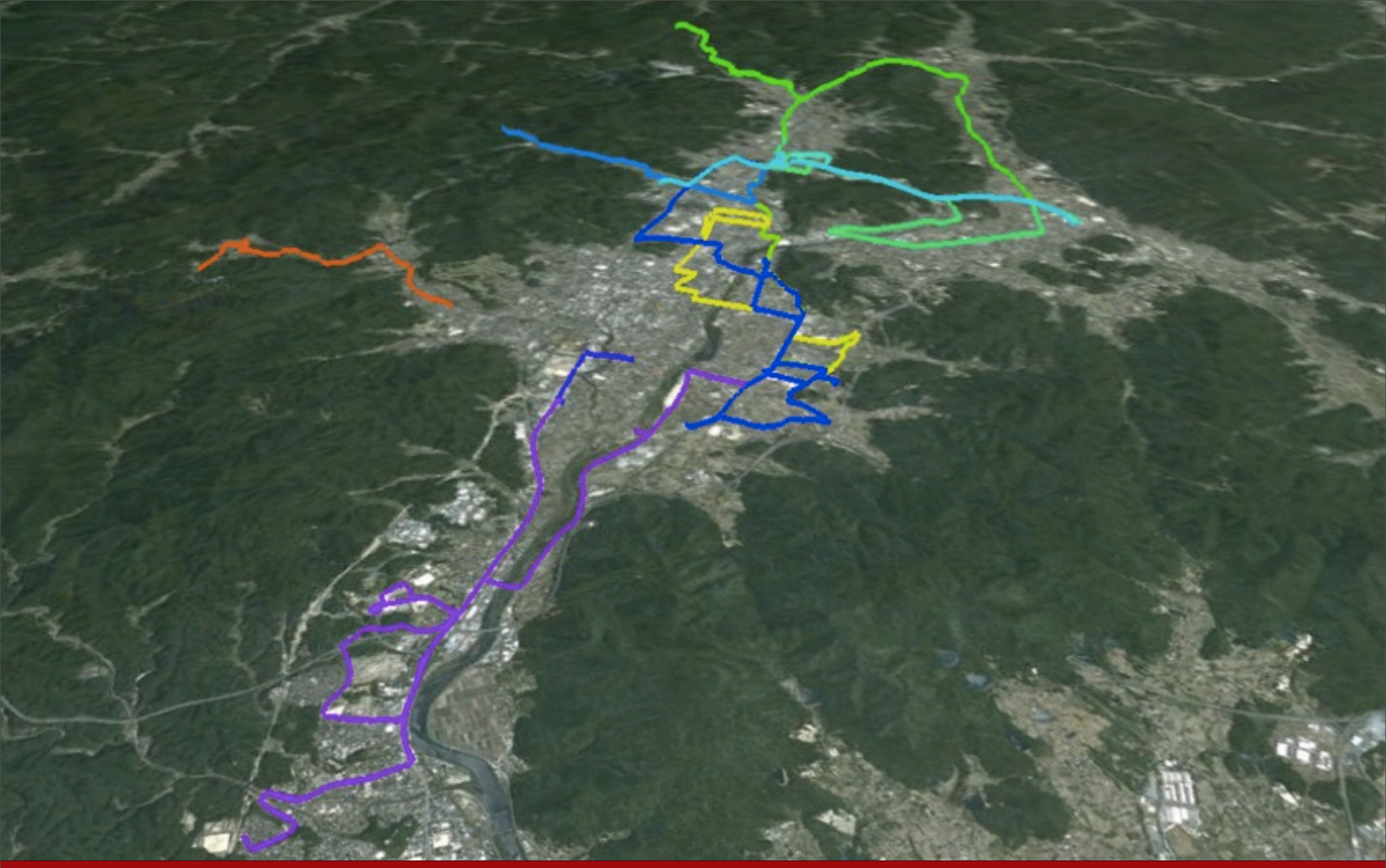
Lines

Get Comob Net / pop name in / put ‘umea’ in group / show names



Landscapes

Get Comob Net / pop name in / put ‘umea’ in group / show names

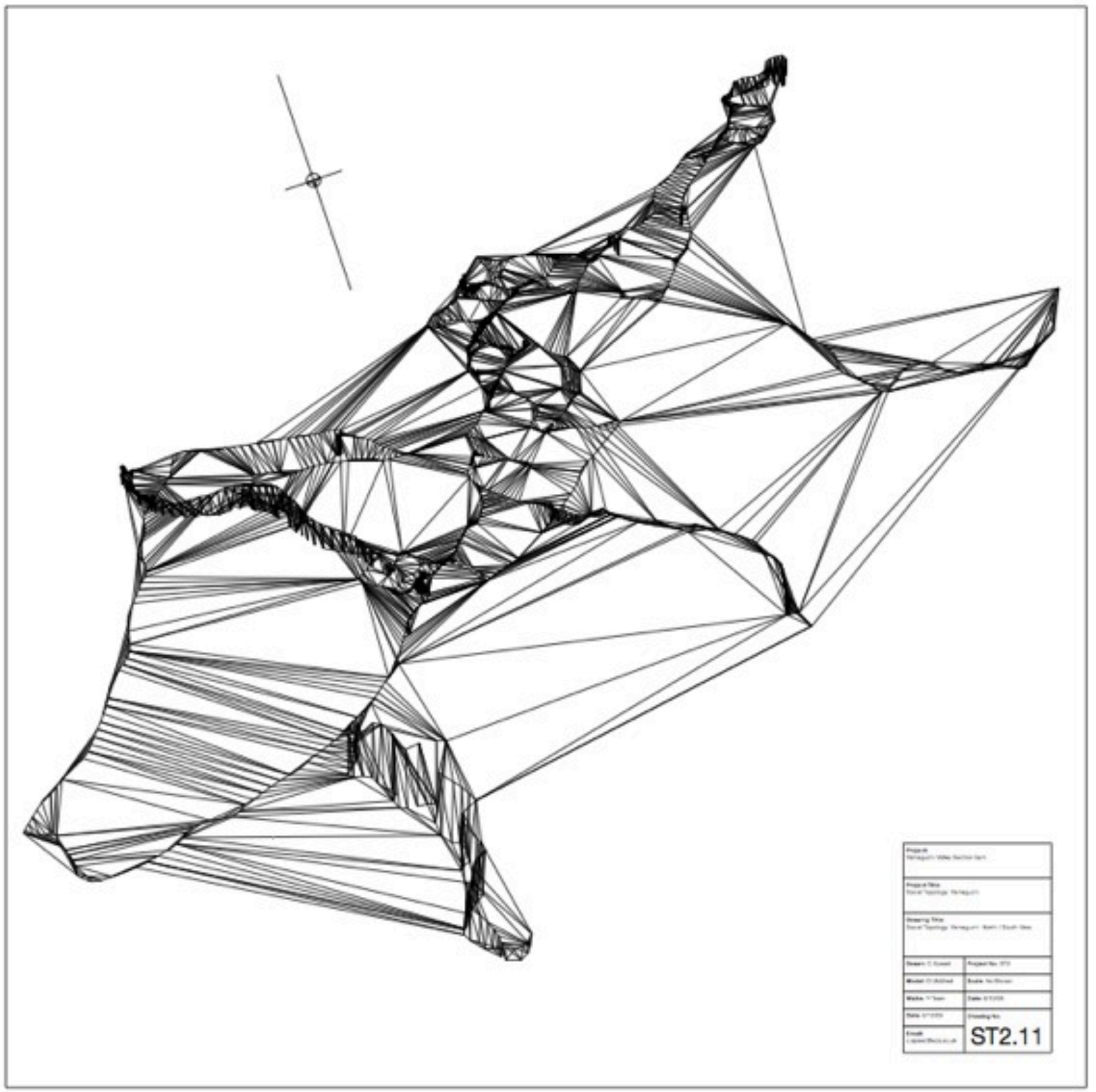


Social networks: People as Coordinates

Get Comob Net / pop name in / put ‘umea’ in group / show names

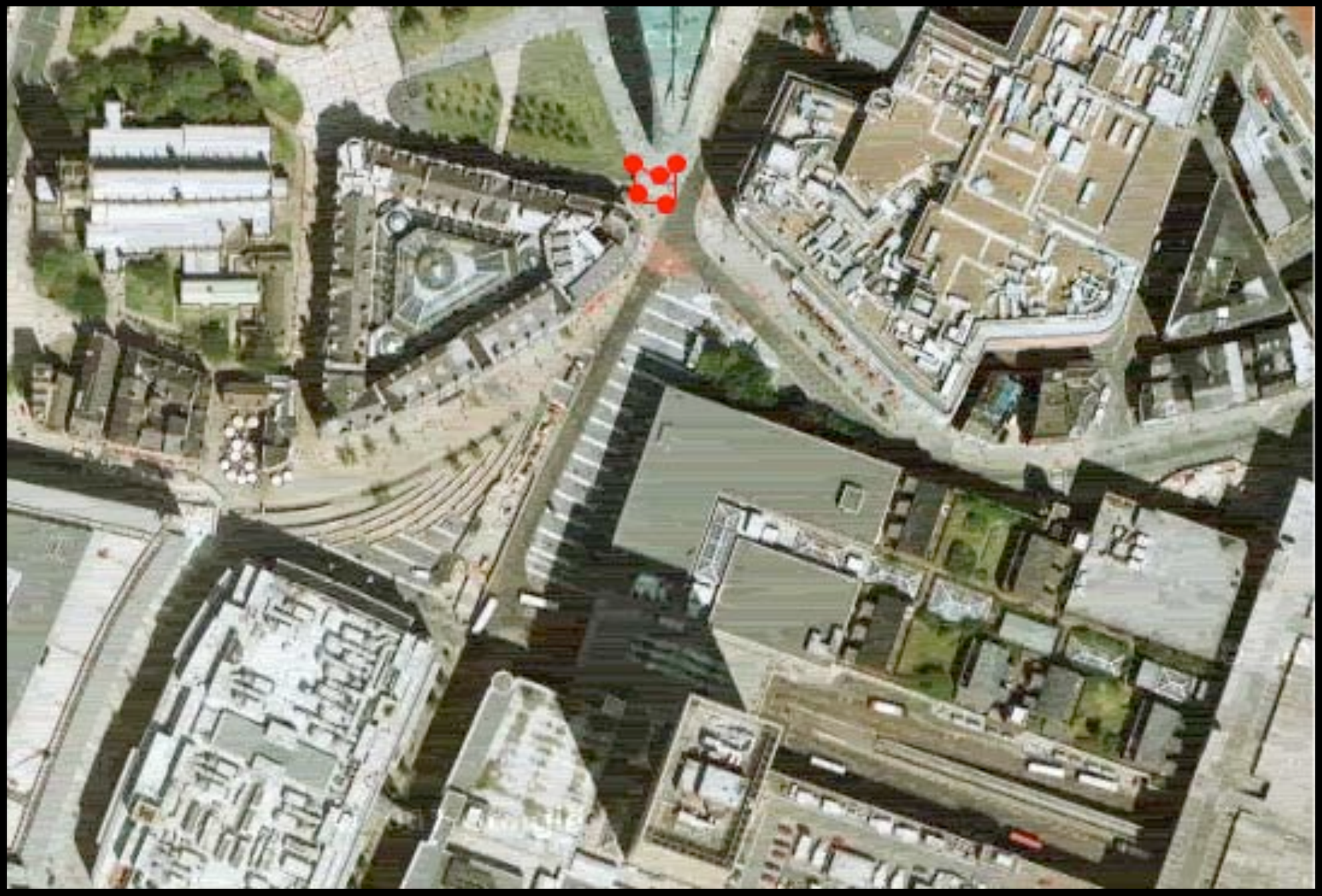
Social networks: People as Coordinates

Get Comob Net / pop name in / put ‘umea’ in group / show names

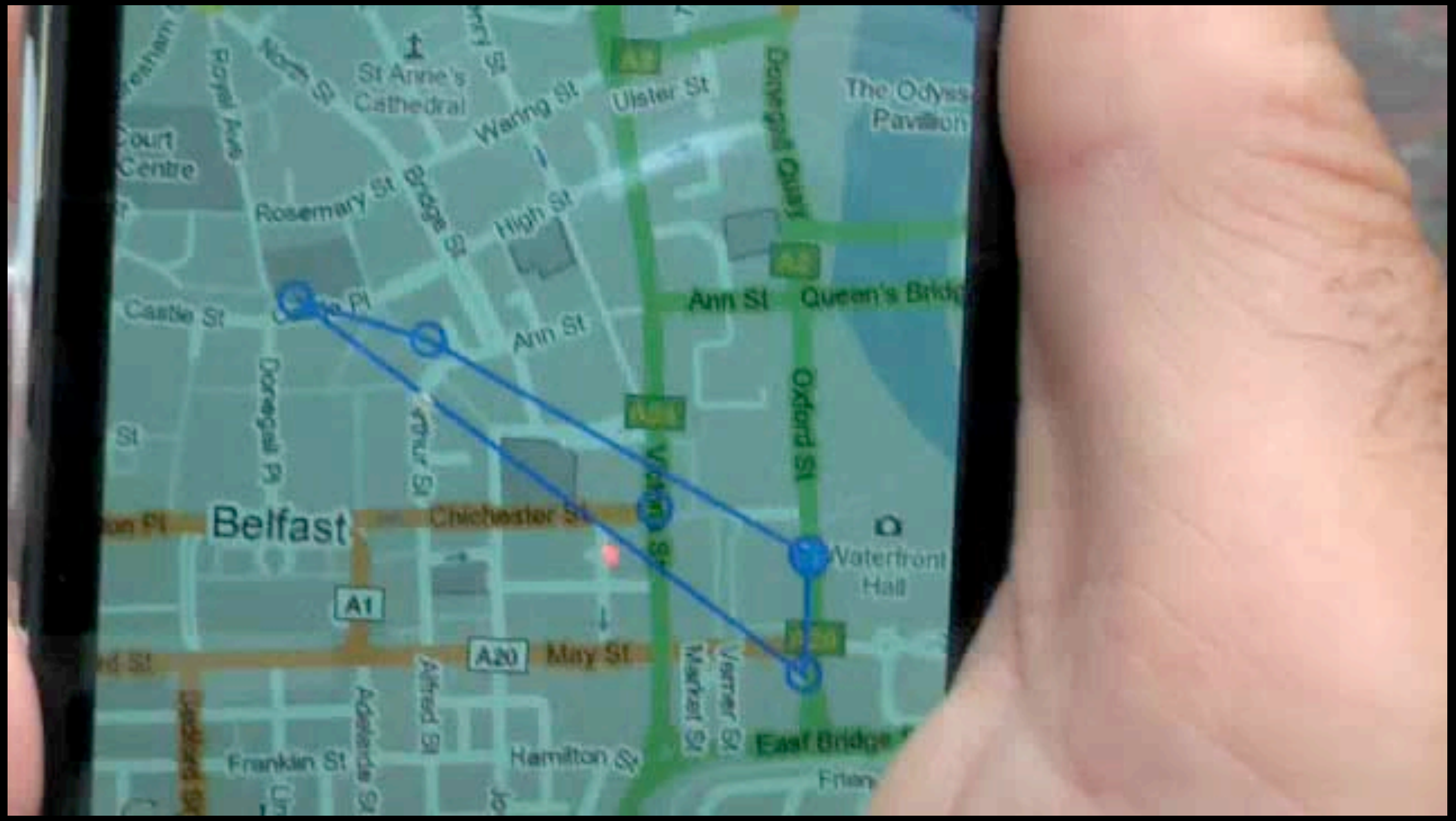


Social networks: People as Coordinates

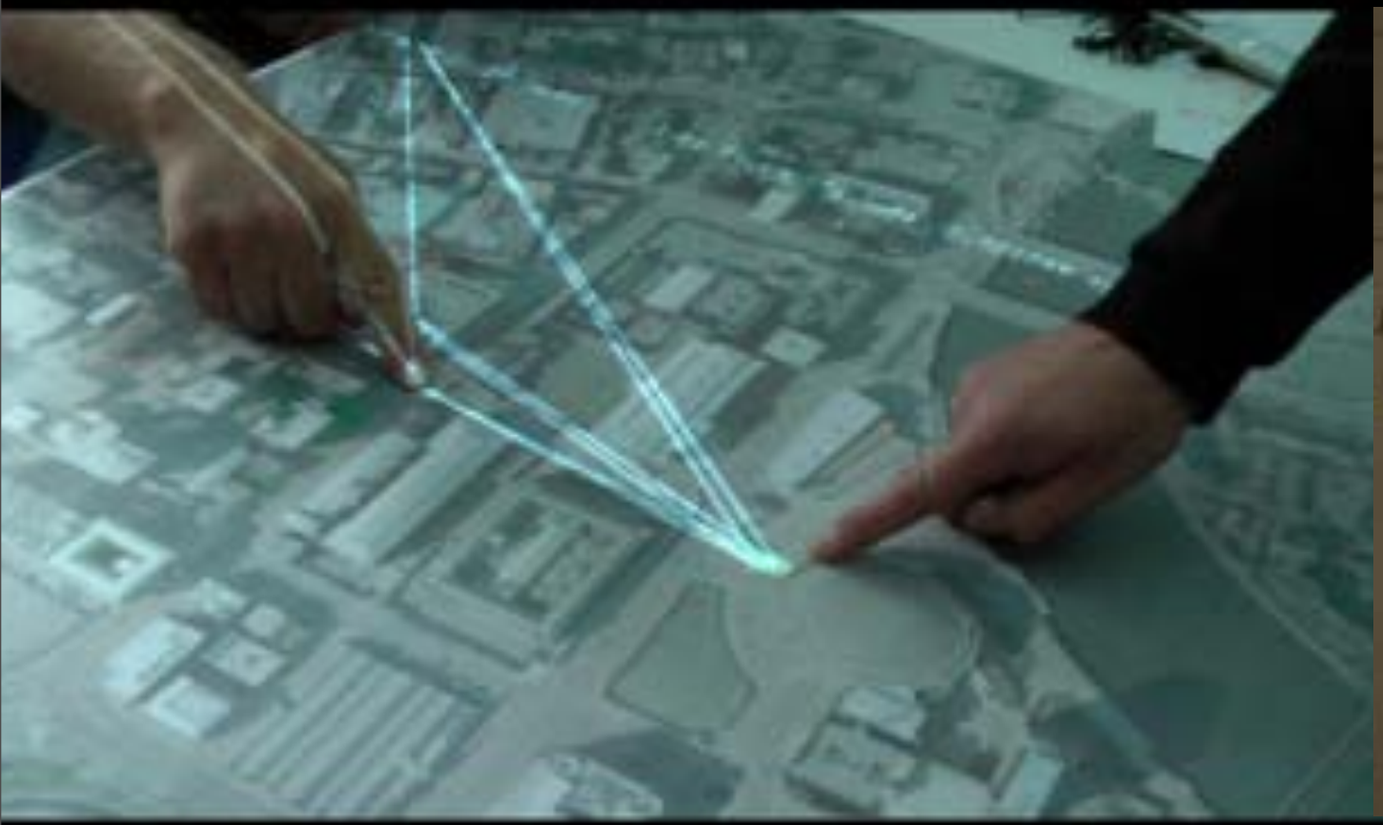
Get Comob Net / pop name in / put ‘umea’ in group / show names



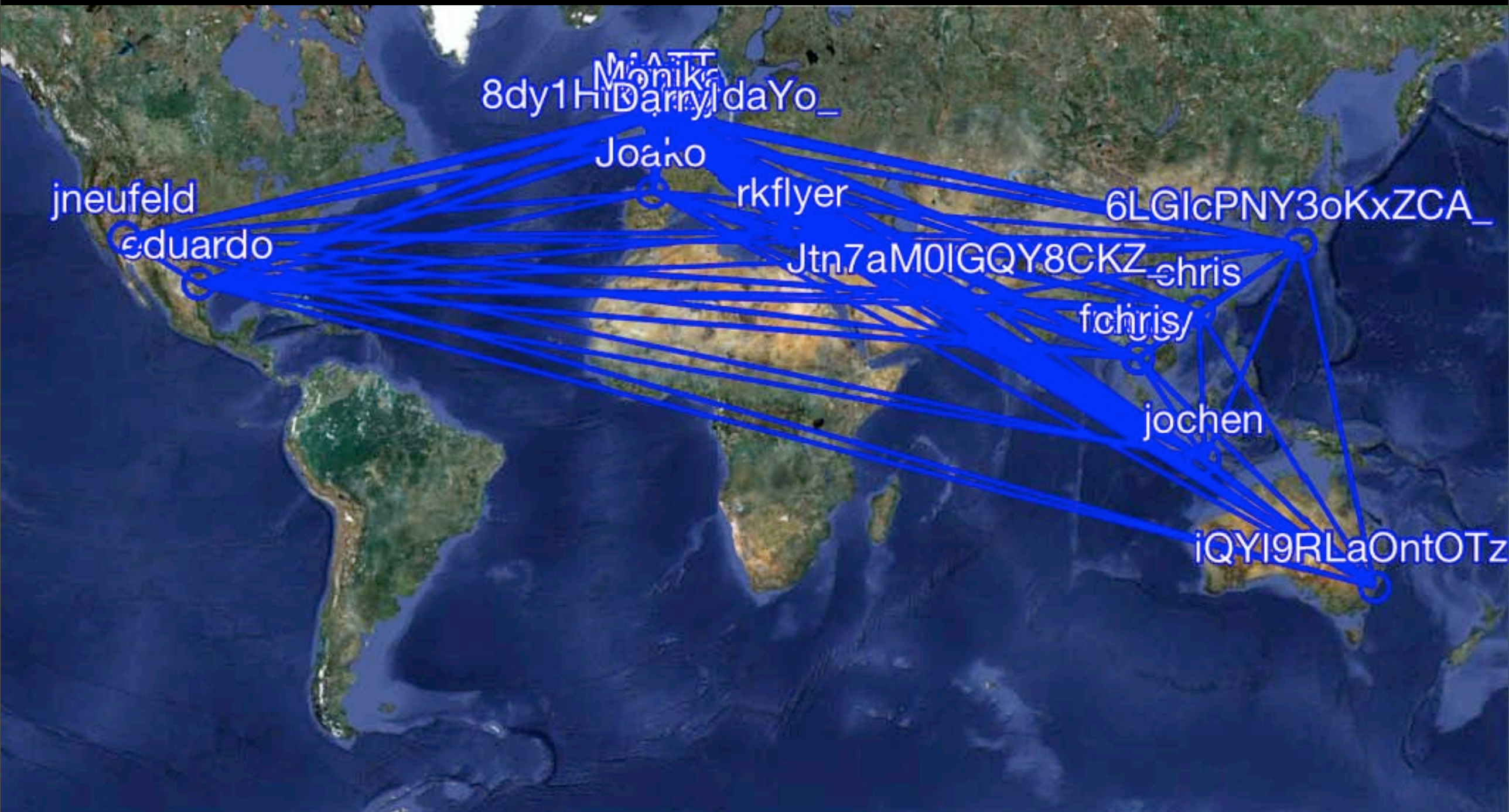
Comob Net


St Anne's Cathedral
Waring St
Ulster St
Donegall Quay
The Odyss
Pavilion
Court Centre
Royal Ave
Rosemary St
Bridge St
High St
Ann St
Queen's Brid
Castle St
Ann St
Donegall Pl
Arthur St
Oxford St
Belfast
Chichester St
Waterfront Hall
A1
A20
May St
Market St
Vernier St
Alfred St
Adelaide St
Franklin St
Hamilton St
East Bridge

Comob Net



Comob Net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Joako
jneufeld
rkflyer
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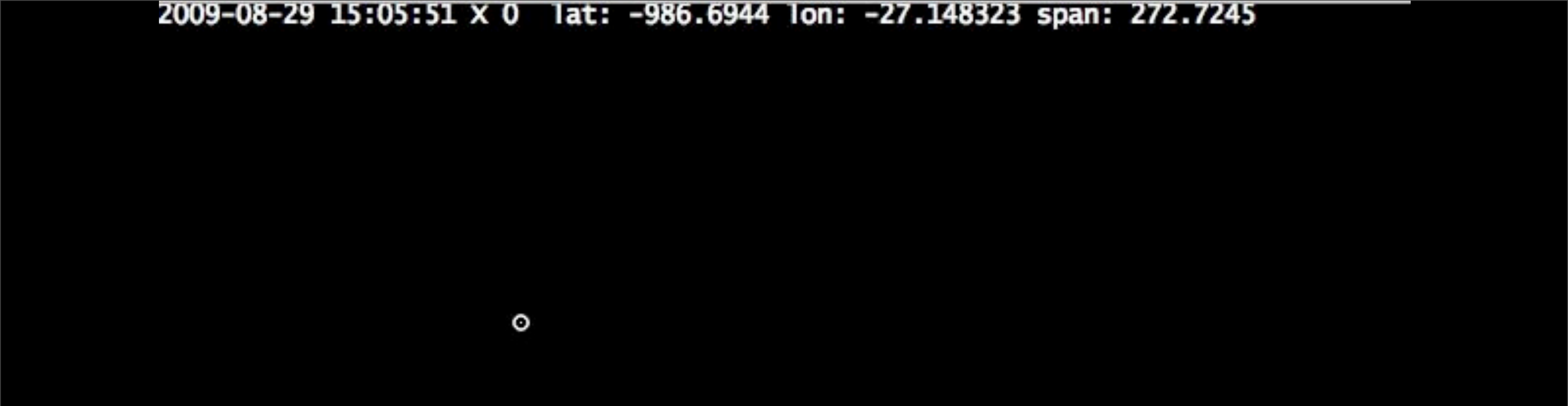
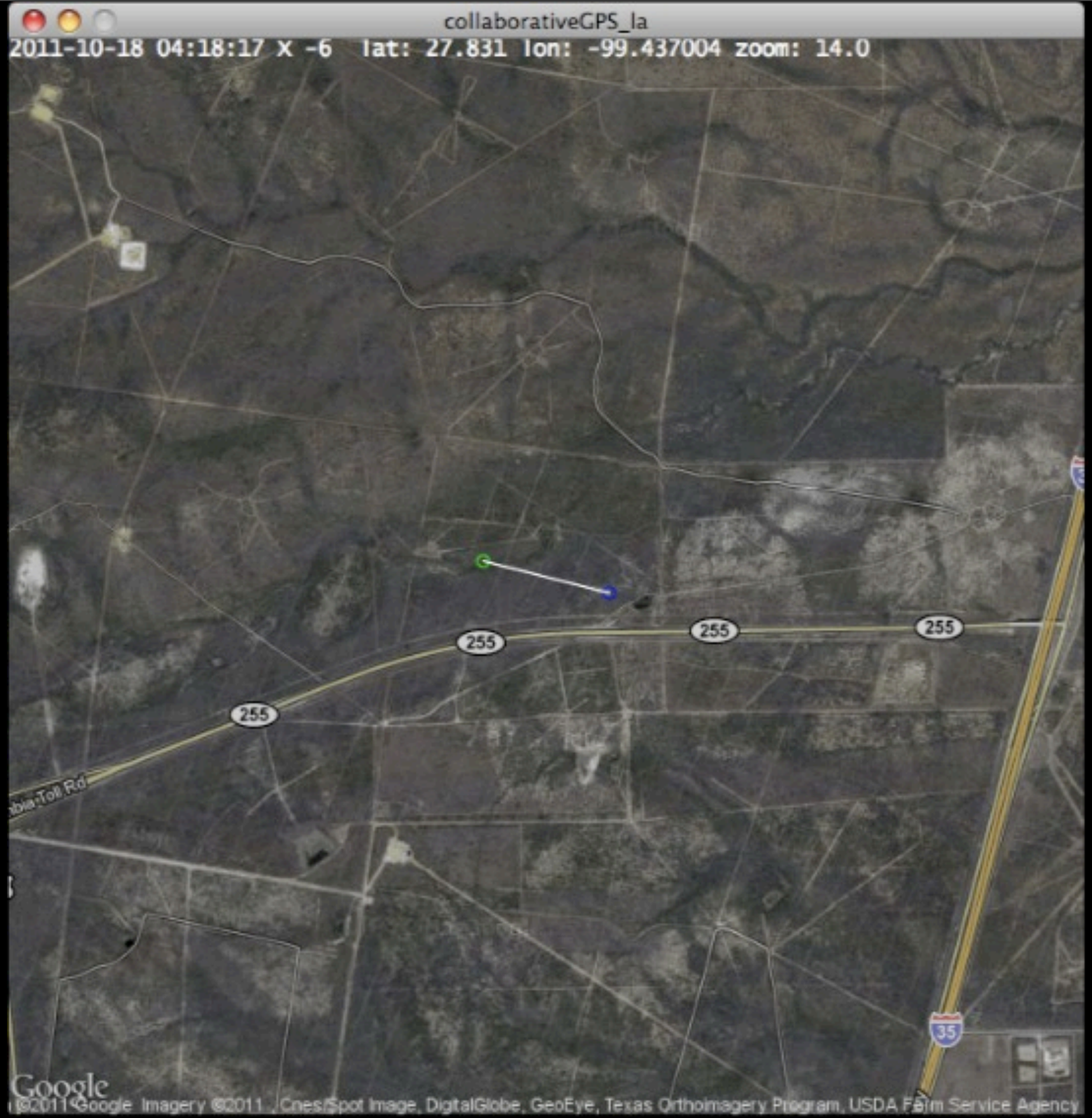
Comob Net



Comob Net


collaborativeGPS_la
2011-10-18 04:18:17 x -6 lat: 27.831 lon: -99.437004 zoom: 14.0
255
255
255
255
35
Google
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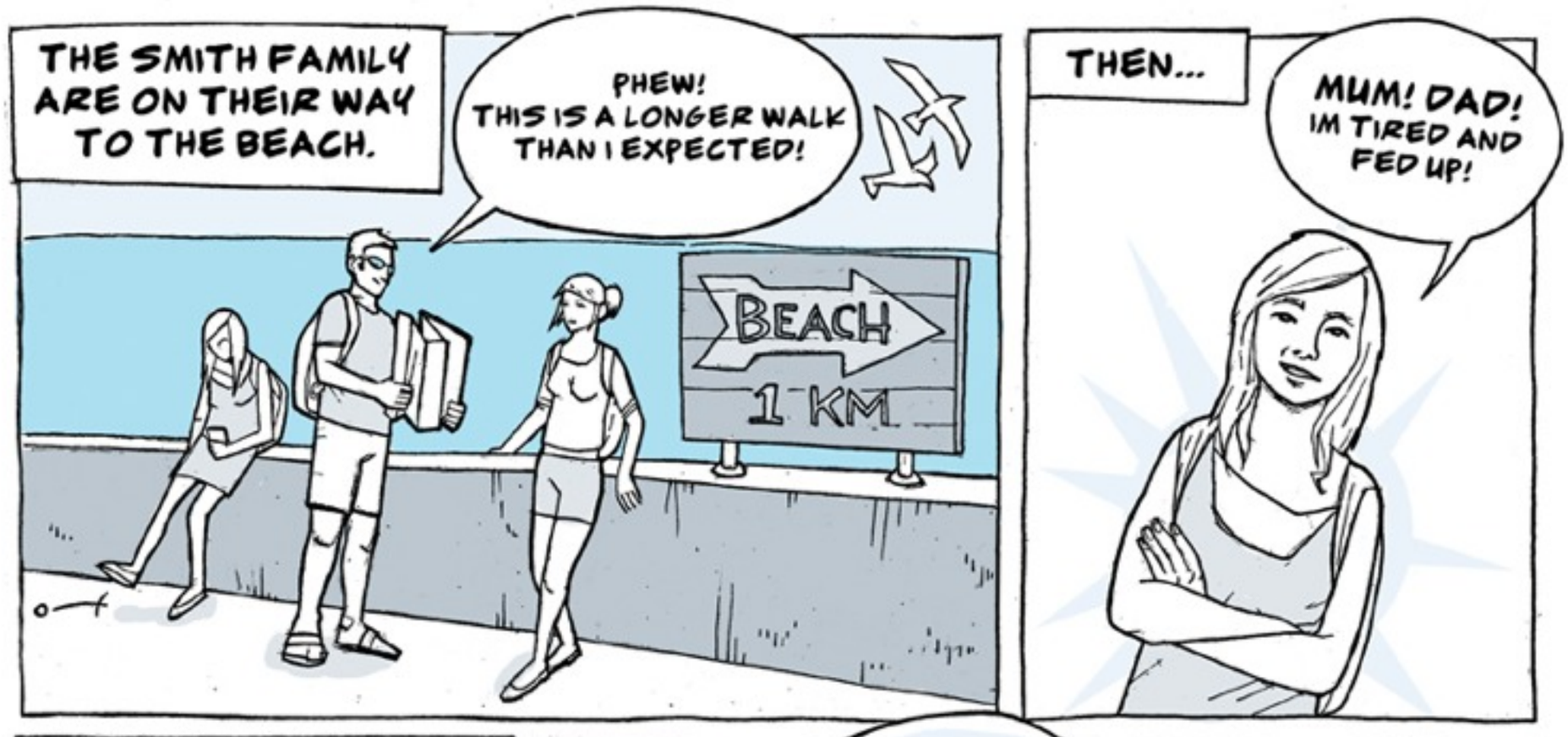
Comob Net

2011-01-08 23:54:08 X 12288 lat: 27.615557 lon: -99.530106 span: 1.213518

Comob Net

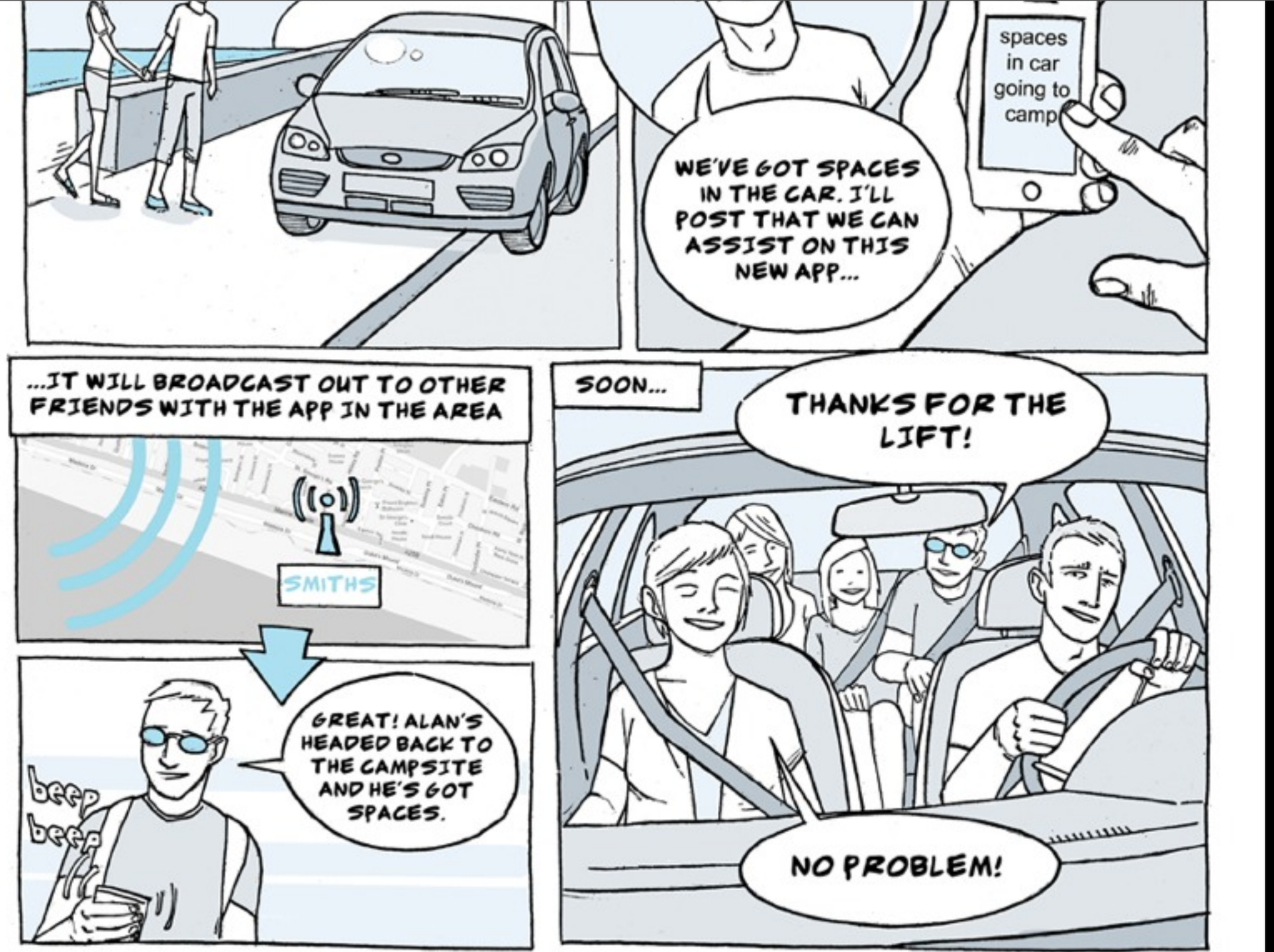
Tourism
Schools
Logistics

Sixth Sense Transport

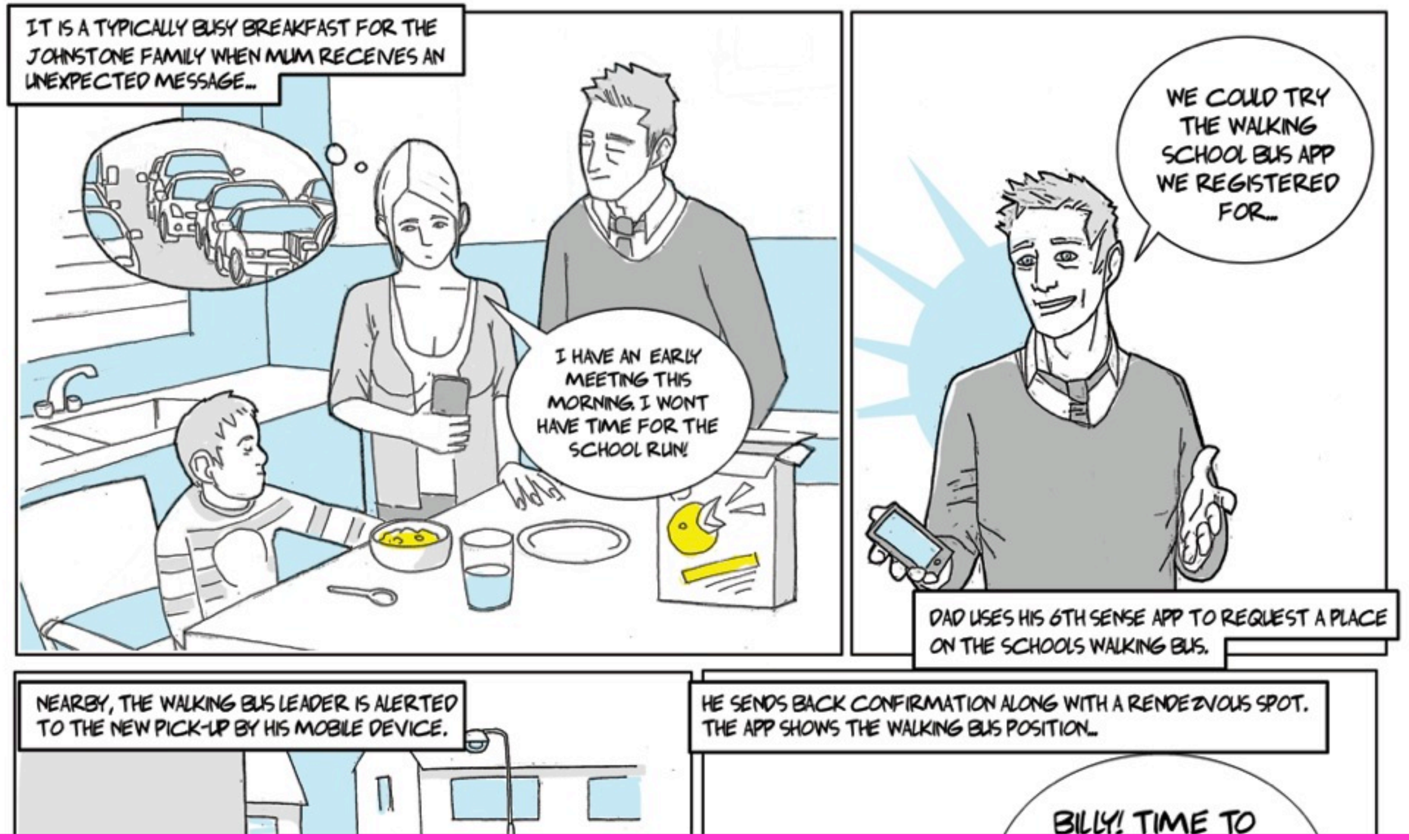

THE SMITH FAMILY ARE ON THEIR WAY TO THE BEACH.
PHEW! THIS IS A LONGER WALK THAN I EXPECTED!
BEACH
1 KM
THEN...
MUM! DAD! IM TIRED AND FED UP!

MEANWHILE ALAN AND MARY ARE HEADED BACK TO CAMP AFTER AN AFTERNOON OUT.
WE'VE GOT SPACES IN THE CAR. I'LL POST THAT WE CAN
spaces in car going to camp

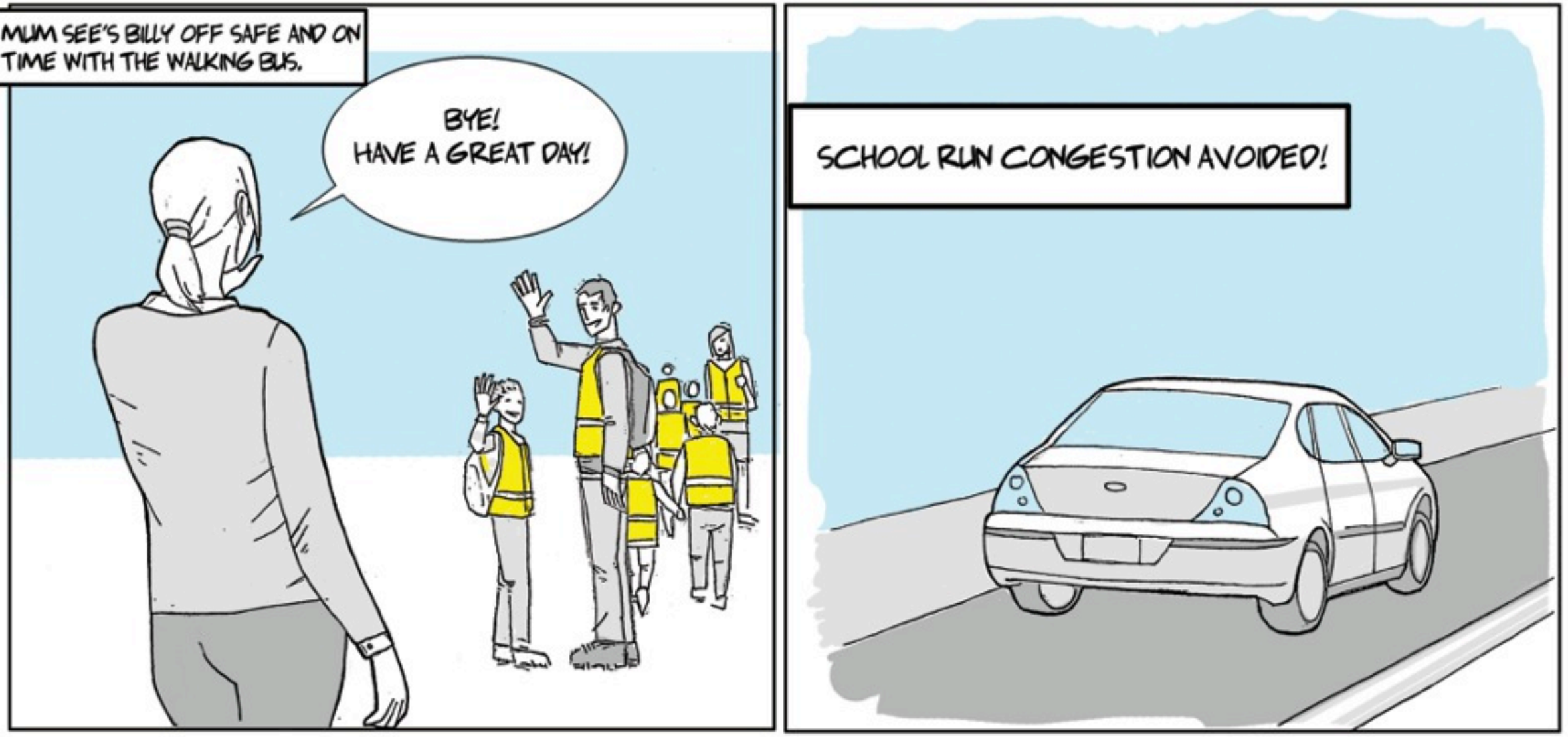
Tourism


spaces in car going to camp
WE'VE GOT SPACES IN THE CAR. I'LL POST THAT WE CAN ASSIST ON THIS NEW APP...
...IT WILL BROADCAST OUT TO OTHER FRIENDS WITH THE APP IN THE AREA
SMITHS
beep beep
GREAT! ALAN'S HEADED BACK TO THE CAMPSITE AND HE'S GOT SPACES.
SOON...
THANKS FOR THE LIFT!
NO PROBLEM!

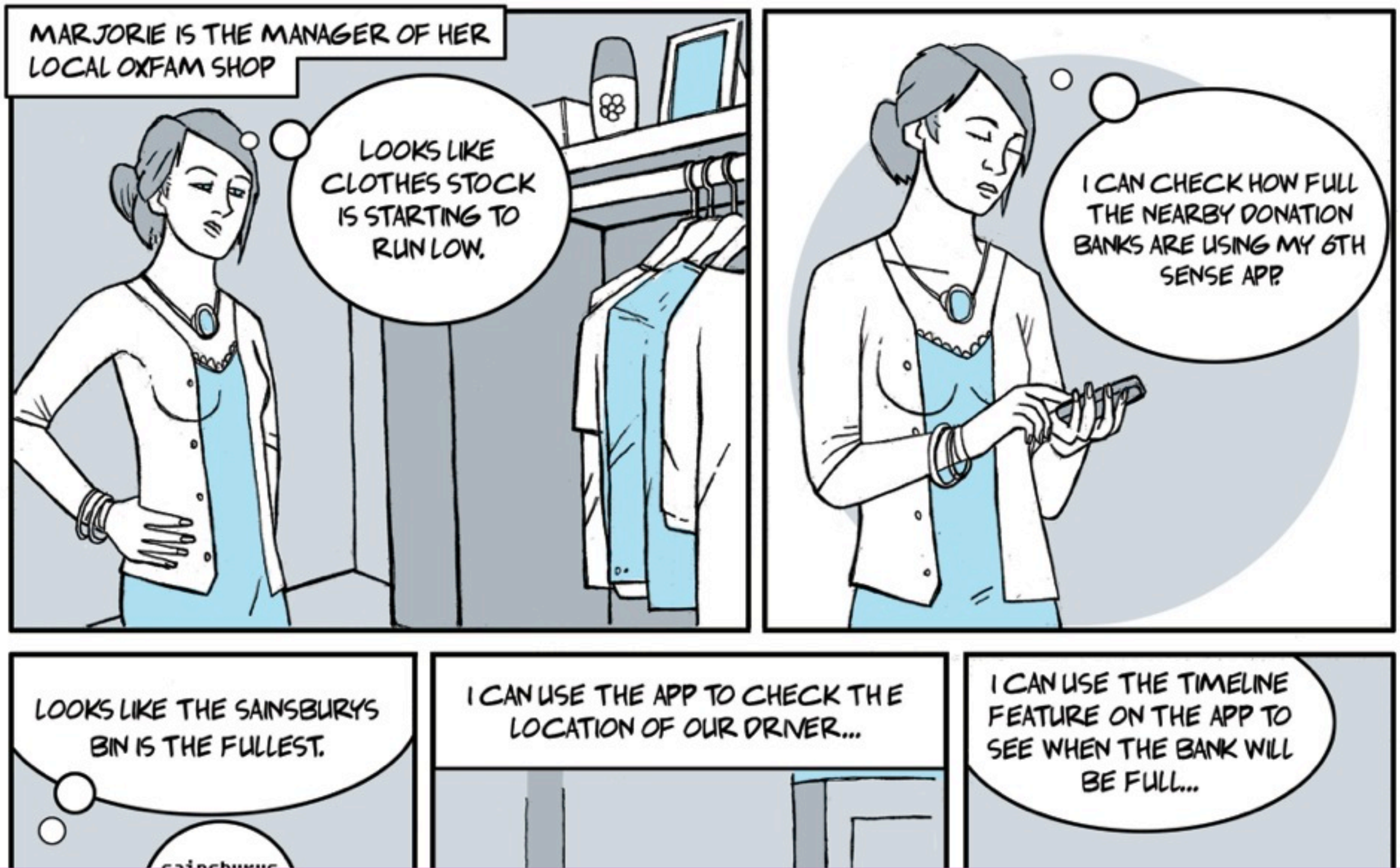
Tourism


IT IS A TYPICALLY BUSY BREAKFAST FOR THE JOHNSTONE FAMILY WHEN MUM RECEIVES AN UNEXPECTED MESSAGE...
I HAVE AN EARLY MEETING THIS MORNING. I WONT HAVE TIME FOR THE SCHOOL RUN!
WE COULD TRY THE WALKING SCHOOL BUS APP WE REGISTERED FOR...
DAD USES HIS 6TH SENSE APP TO REQUEST A PLACE ON THE SCHOOLS WALKING BUS.
NEARBY, THE WALKING BUS LEADER IS ALERTED TO THE NEW PICK-UP BY HIS MOBILE DEVICE.
HE SENDS BACK CONFIRMATION ALONG WITH A RENDEZVOUS SPOT. THE APP SHOWS THE WALKING BUS POSITION...
BILLY! TIME TO

Schools


MUM SEE'S BILLY OFF SAFE AND ON TIME WITH THE WALKING BUS.
BYE!
HAVE A GREAT DAY!
SCHOOL RUN CONGESTION AVOIDED!

Schools


MARJORIE IS THE MANAGER OF HER LOCAL OXFAM SHOP
LOOKS LIKE CLOTHES STOCK IS STARTING TO RUN LOW.
I CAN CHECK HOW FULL THE NEARBY DONATION BANKS ARE USING MY 6TH SENSE APP.
LOOKS LIKE THE SAINSBURYS BIN IS THE FULLEST.
I CAN USE THE APP TO CHECK THE LOCATION OF OUR DRIVER...
I CAN USE THE TIMELINE FEATURE ON THE APP TO SEE WHEN THE BANK WILL BE FULL...

Logistics

distance:
5km
25% full
...HE'S NOT IN THE AREA BUT WILL BE TOMORROW.
...THE 26TH, THAT'S STILL 5 DAYS AWAY.
HMMM I'LL JUST CHECK THE DRIVERS SCHEDULE... HE WOULD BE FREE THEN BUT WE NEED STOCK SOONER.
GREG WHO VOLUNTEERS AT THE SHOP OFFERS TO HELP.
I HAVE MY CAR, I COULD POP DOWN TO THE BANK AND FILL MY BOOT UP, THAT WOULD KEEP US GOING!
30 MINS LATER...
WE'RE BACK IN BUSINESS!
THE 6TH SENSE APP GIVES SHOP MANAGERS CURRENT AND PREDICTED FILL RATE AND VEHICLE LOCATION INFORMATION TO HELP IN DECISION MAKING.

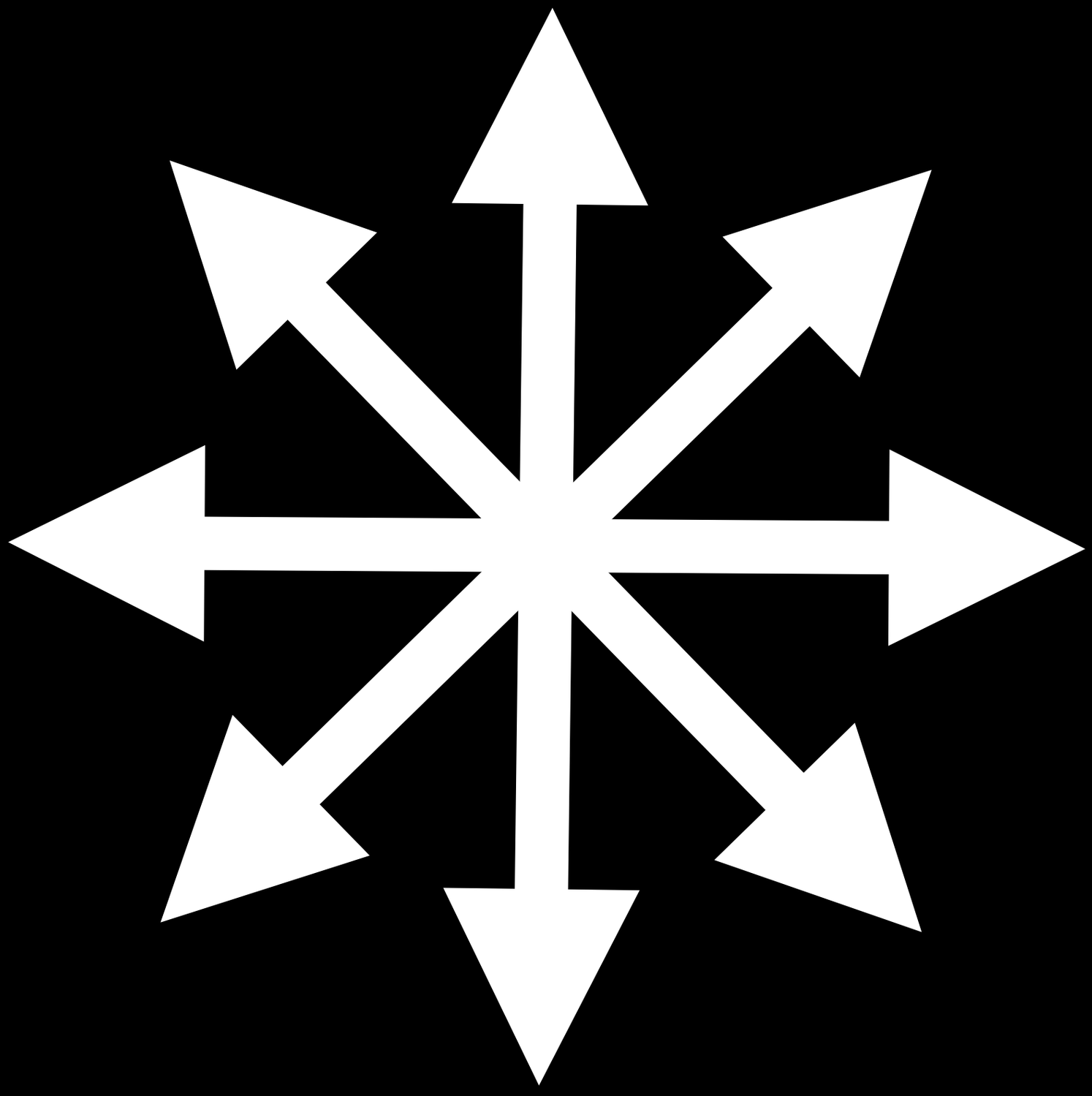
Logistics

Tourism
Schools
Logistics

Internet of Cars

Internet of Things, IBM

Internet of Things, EU



Ubiquity

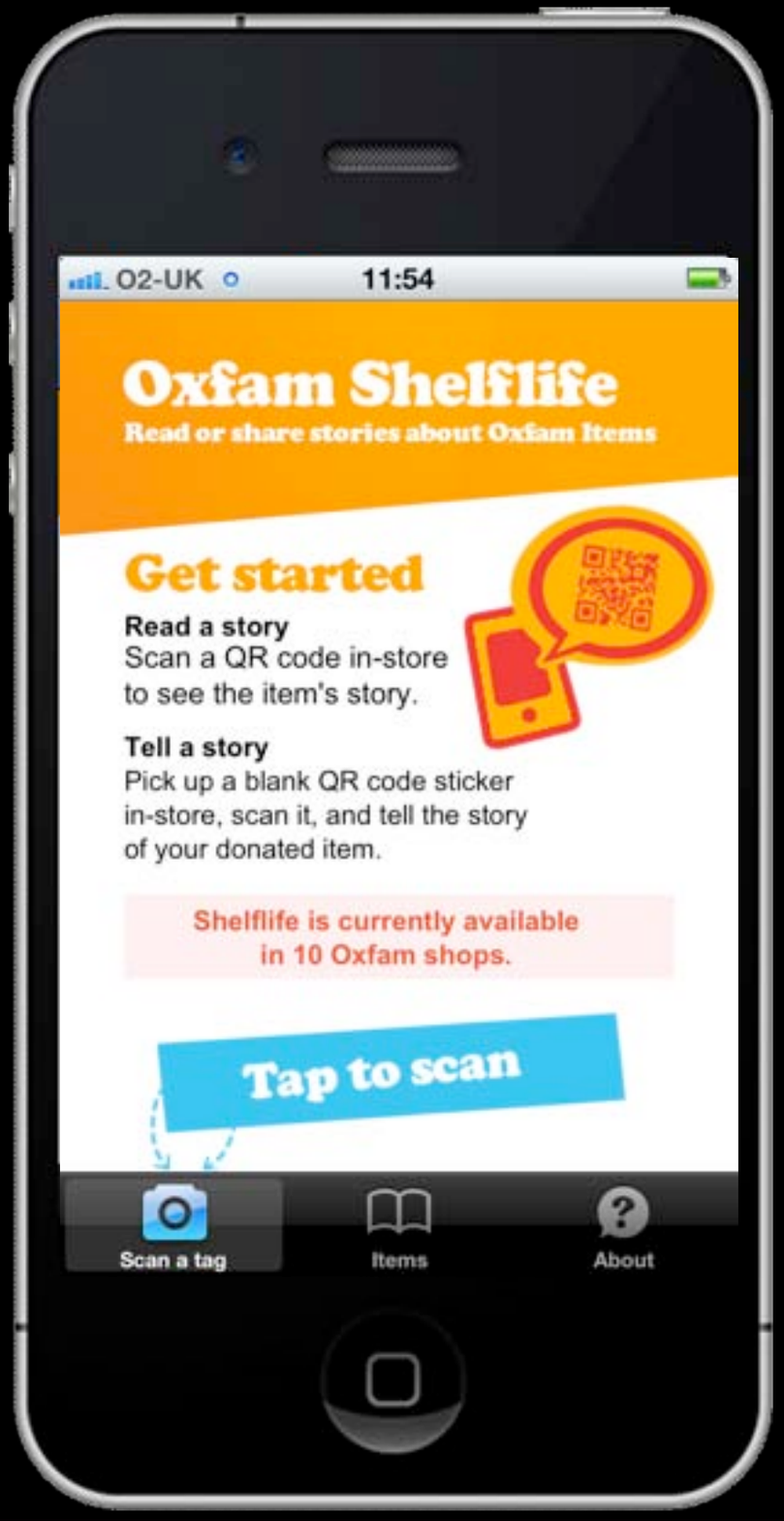
how to

in 4 easy steps...

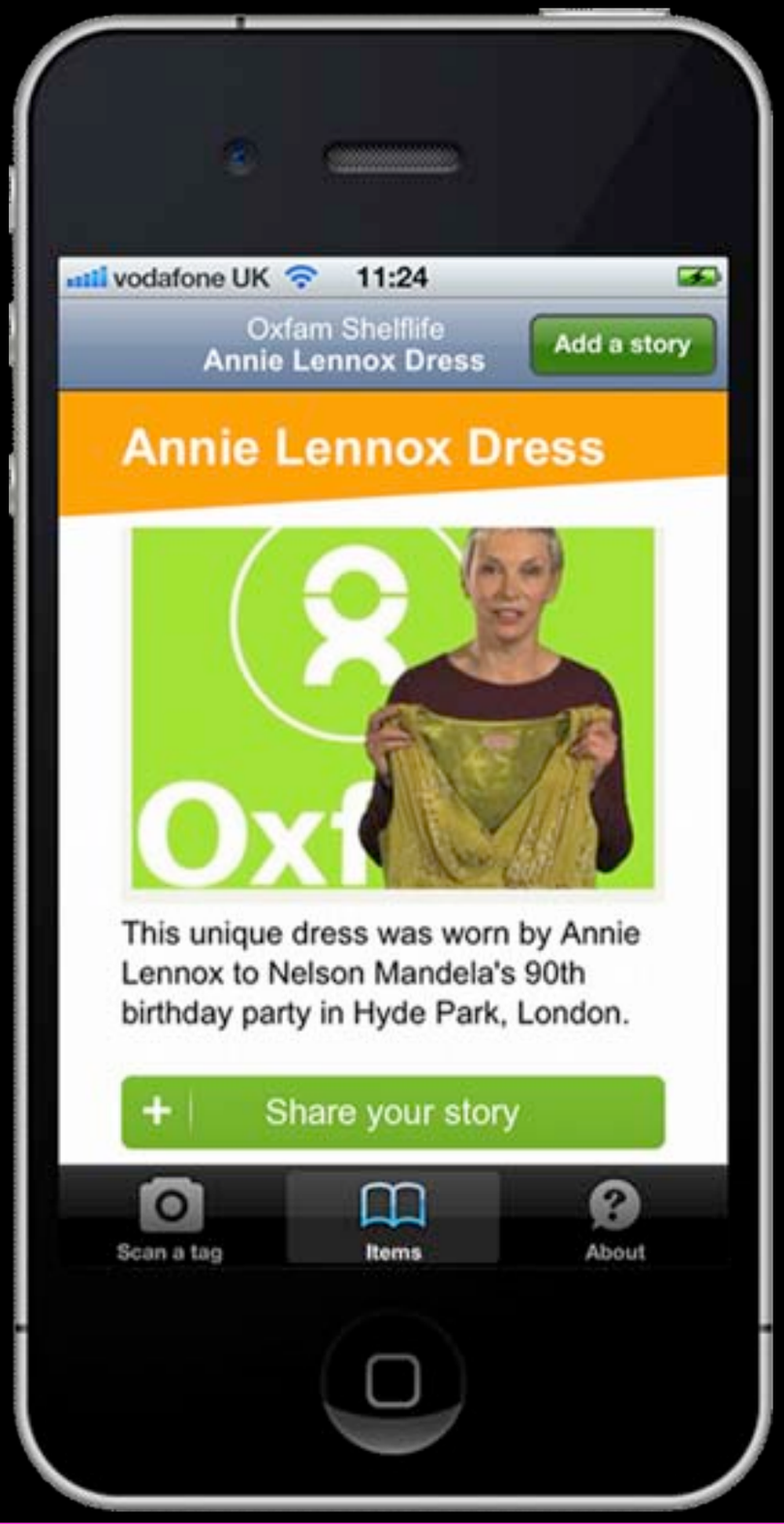
Tales of Things

Tales of Things

Tales of Things


O2-UK
11:54
Oxfam Shelflife
Read or share stories about Oxfam Items
Get started
Read a story
Scan a QR code in-store to see the item's story.
Tell a story
Pick up a blank QR code sticker in-store, scan it, and tell the story of your donated item.
Shelflife is currently available in 10 Oxfam shops.
Tap to scan
Scan a tag
Items
About

Shelflife


vodafone UK
11:24
Oxfam Shelflife
Annie Lennox Dress
Add a story
Annie Lennox Dress
This unique dress was worn by Annie Lennox to Nelson Mandela's 90th birthday party in Hyde Park, London.
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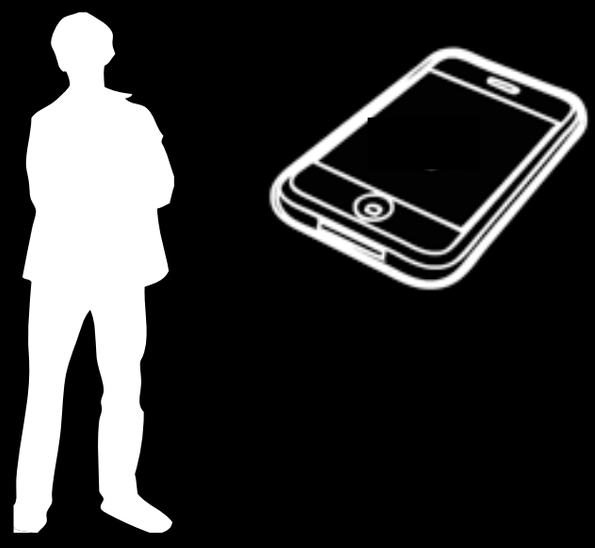
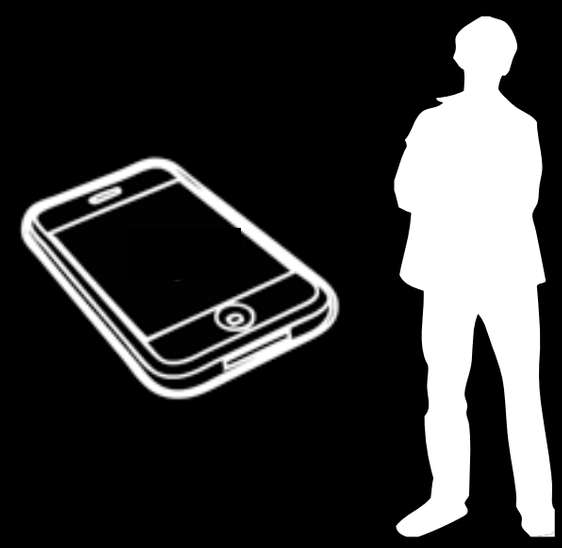
Tags

Tags

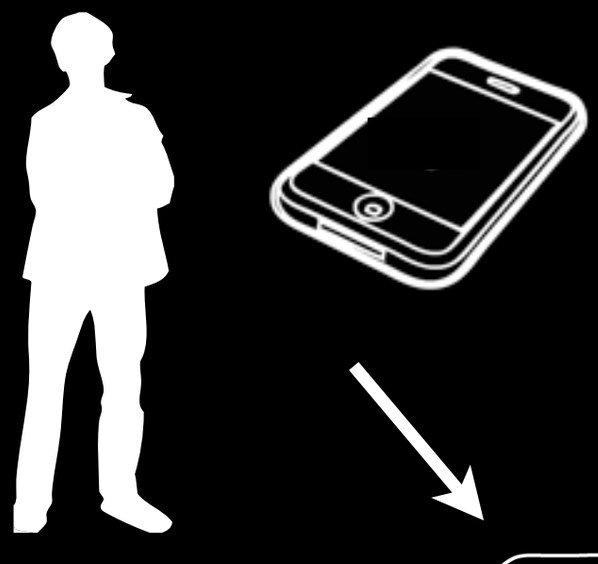
Tags

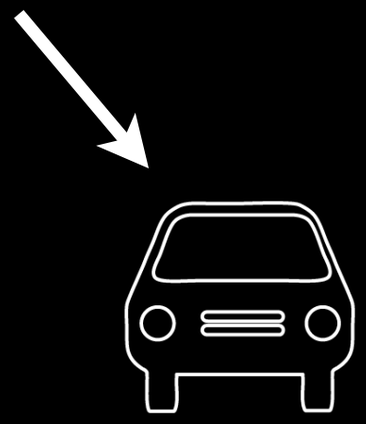
"Hi Duncan"



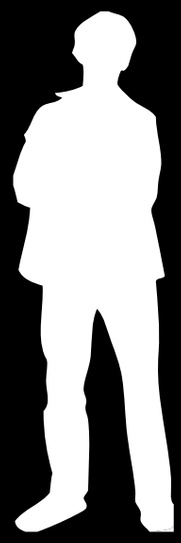


Messaging

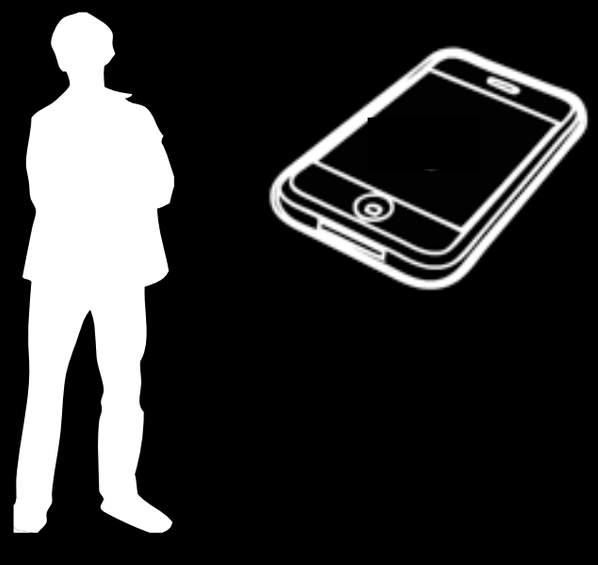


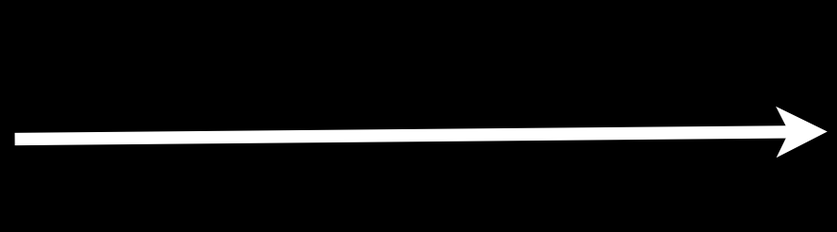


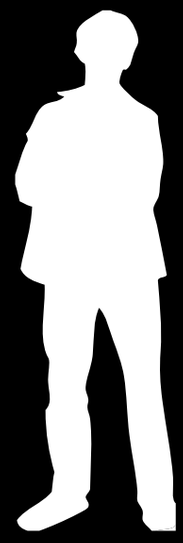
“Hi Duncan”



Messaging

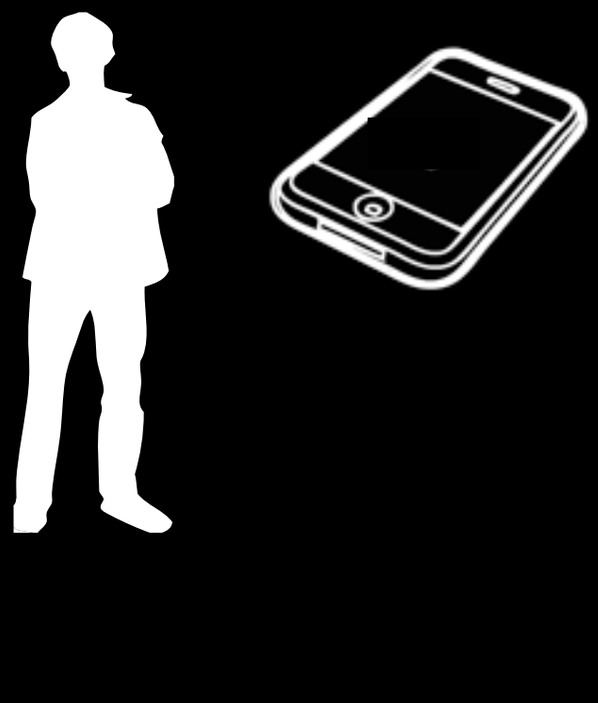




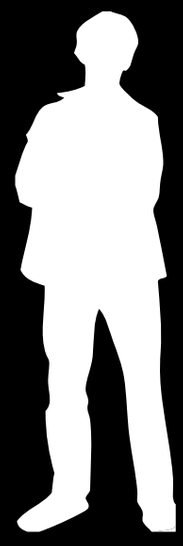


"Hi Duncan"

Messaging



“It’s wet here Chris”

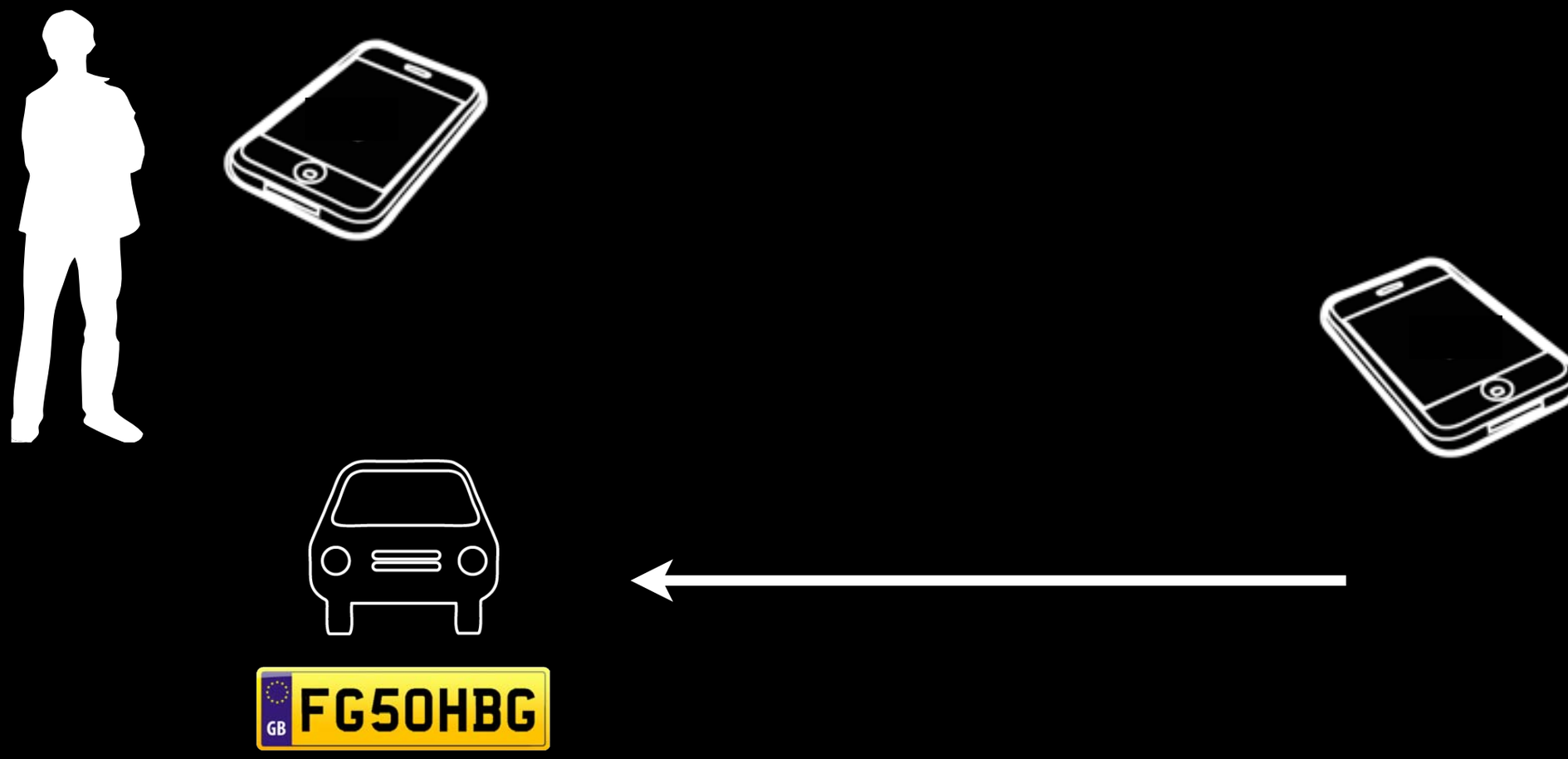


Messaging

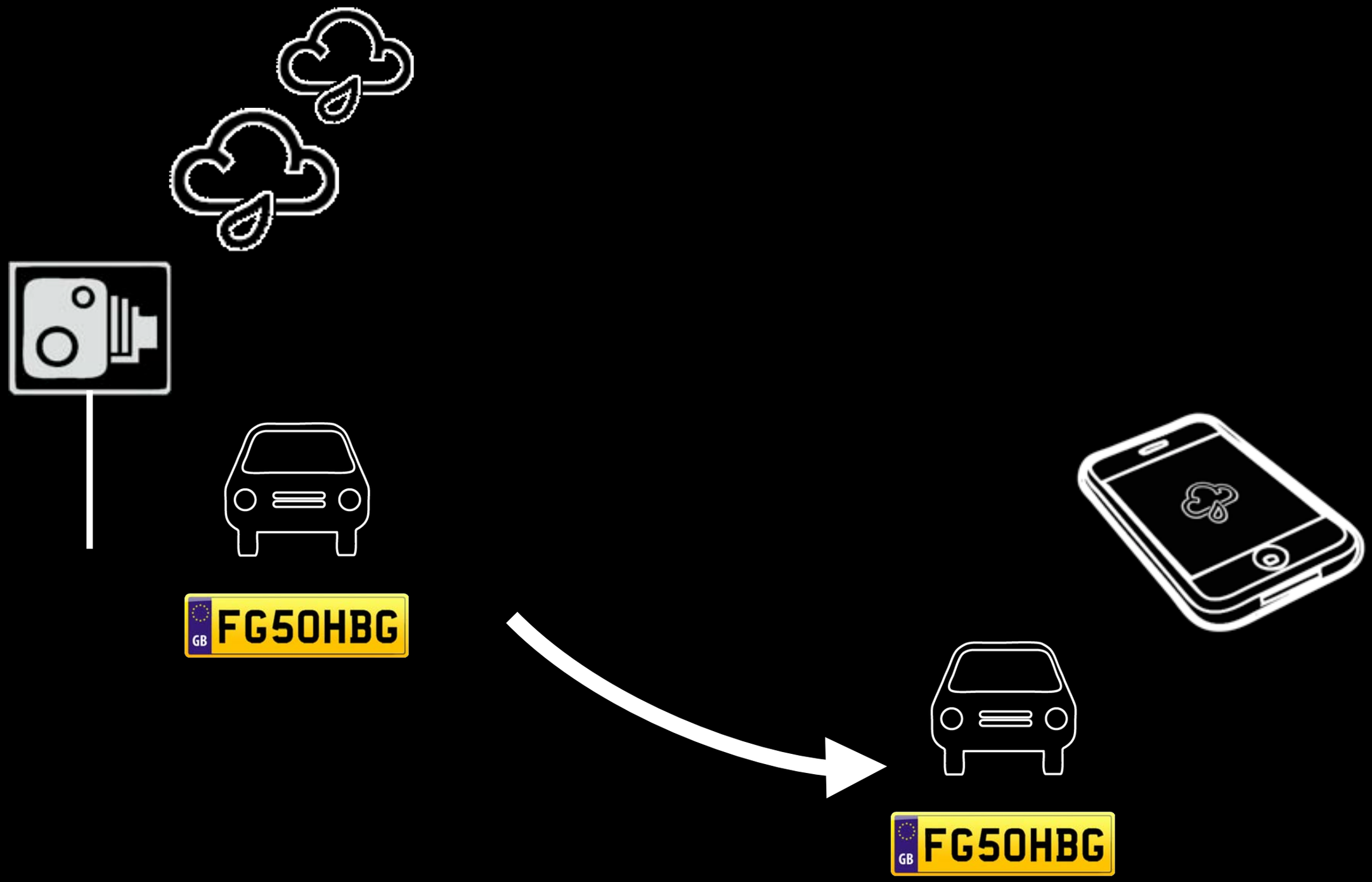
"It's wet here Chris"

Messaging

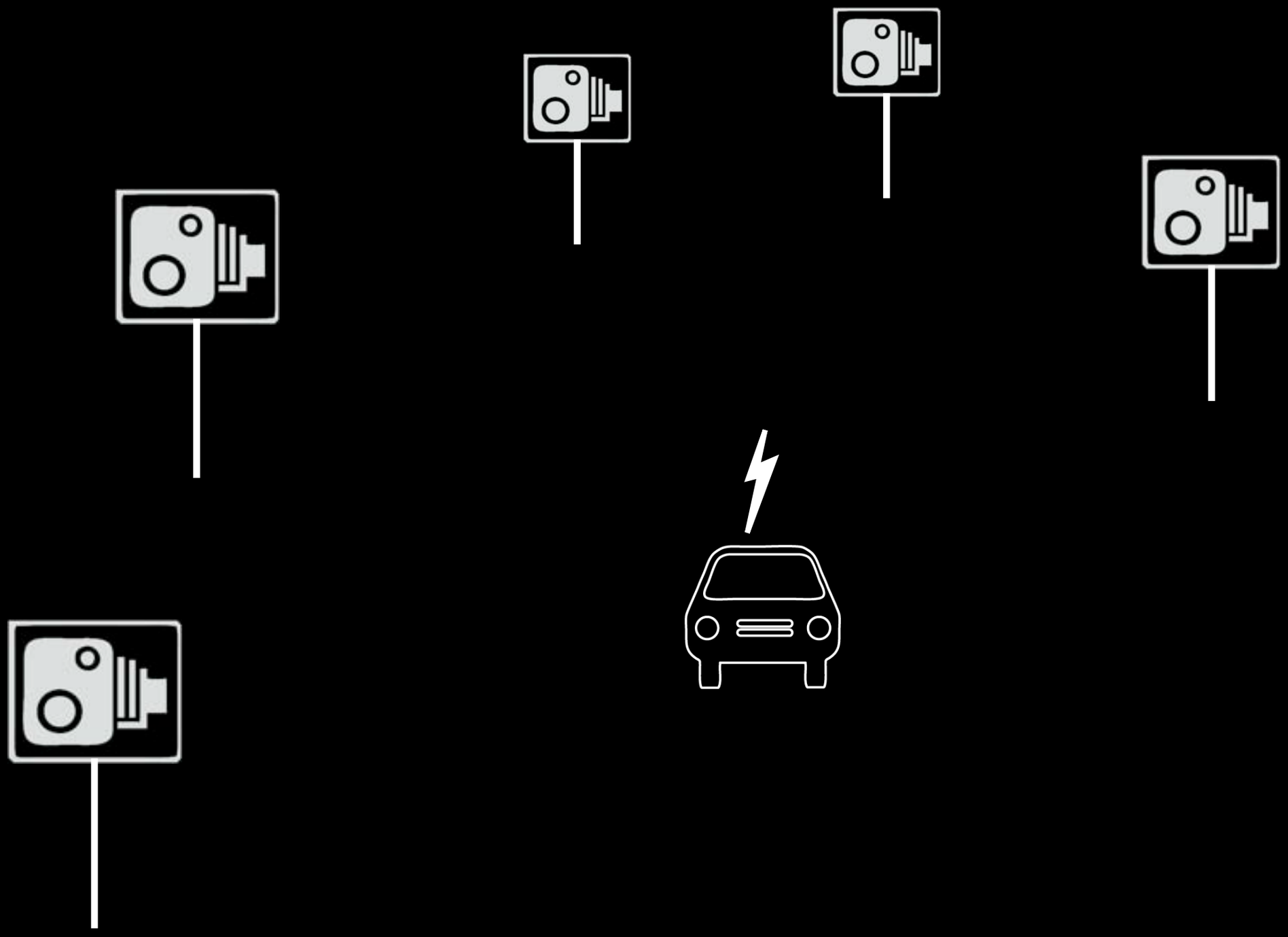
"It's wet here Chris"



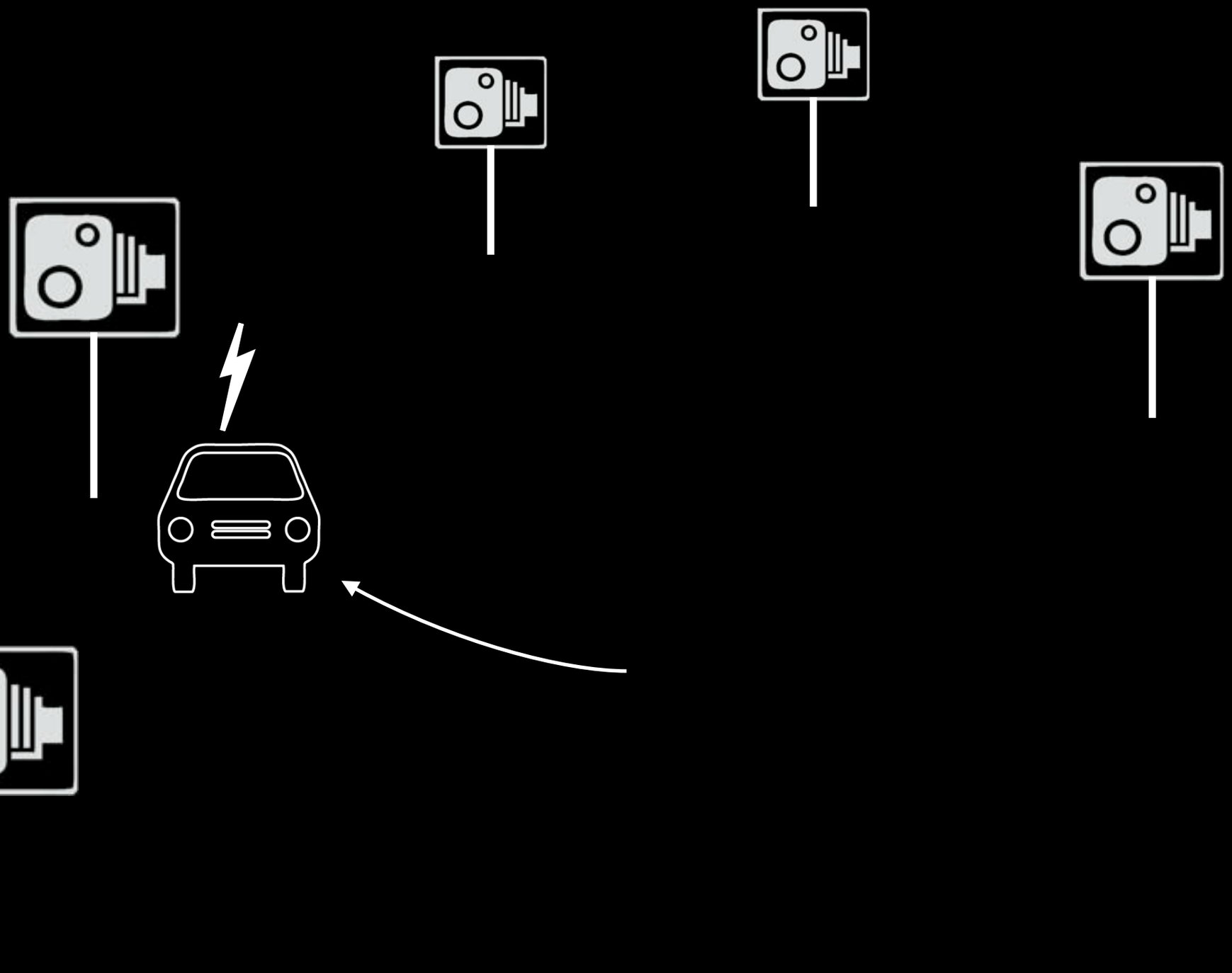
Messaging



Internet of Cars



Internet of Cars



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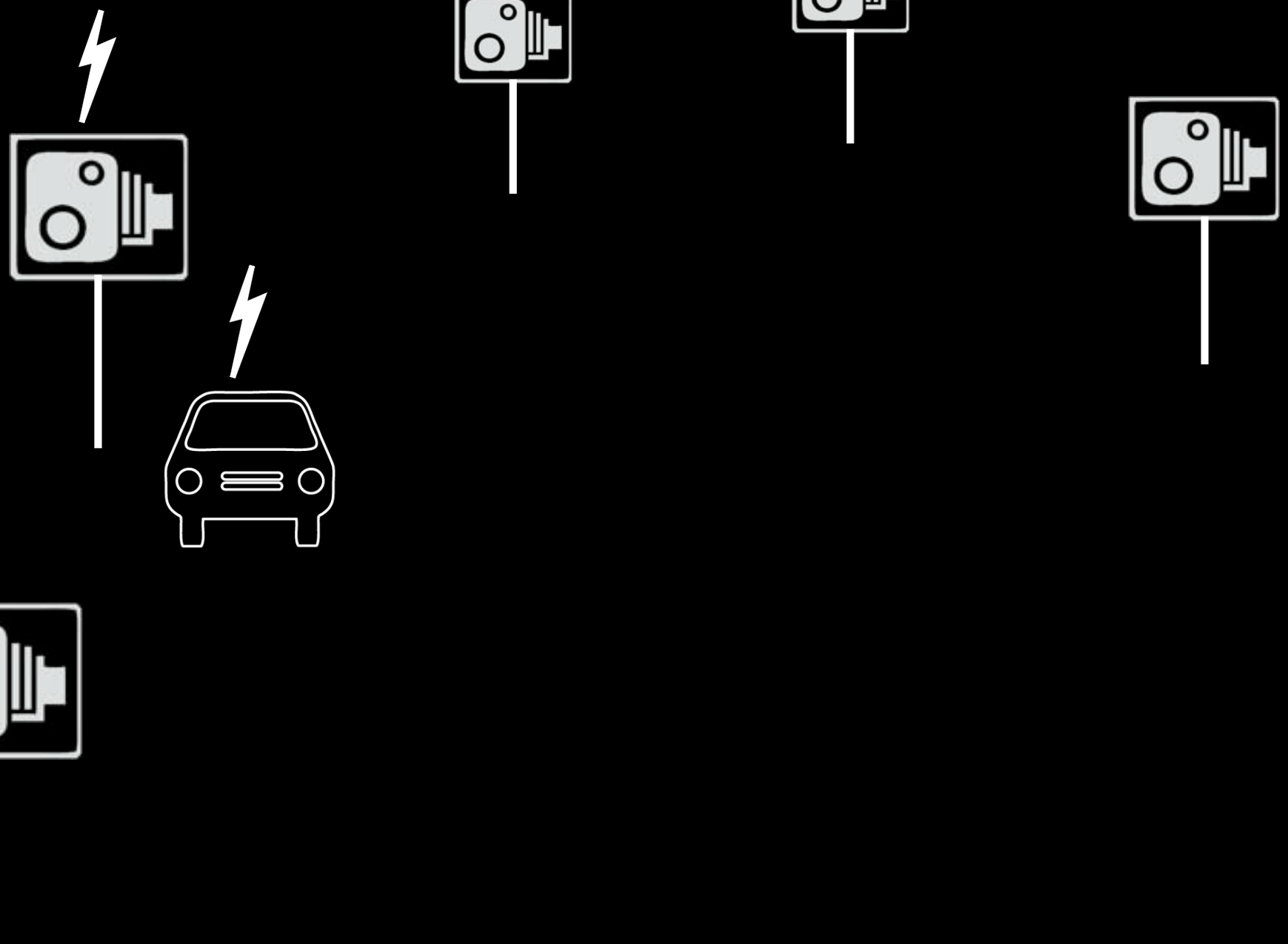

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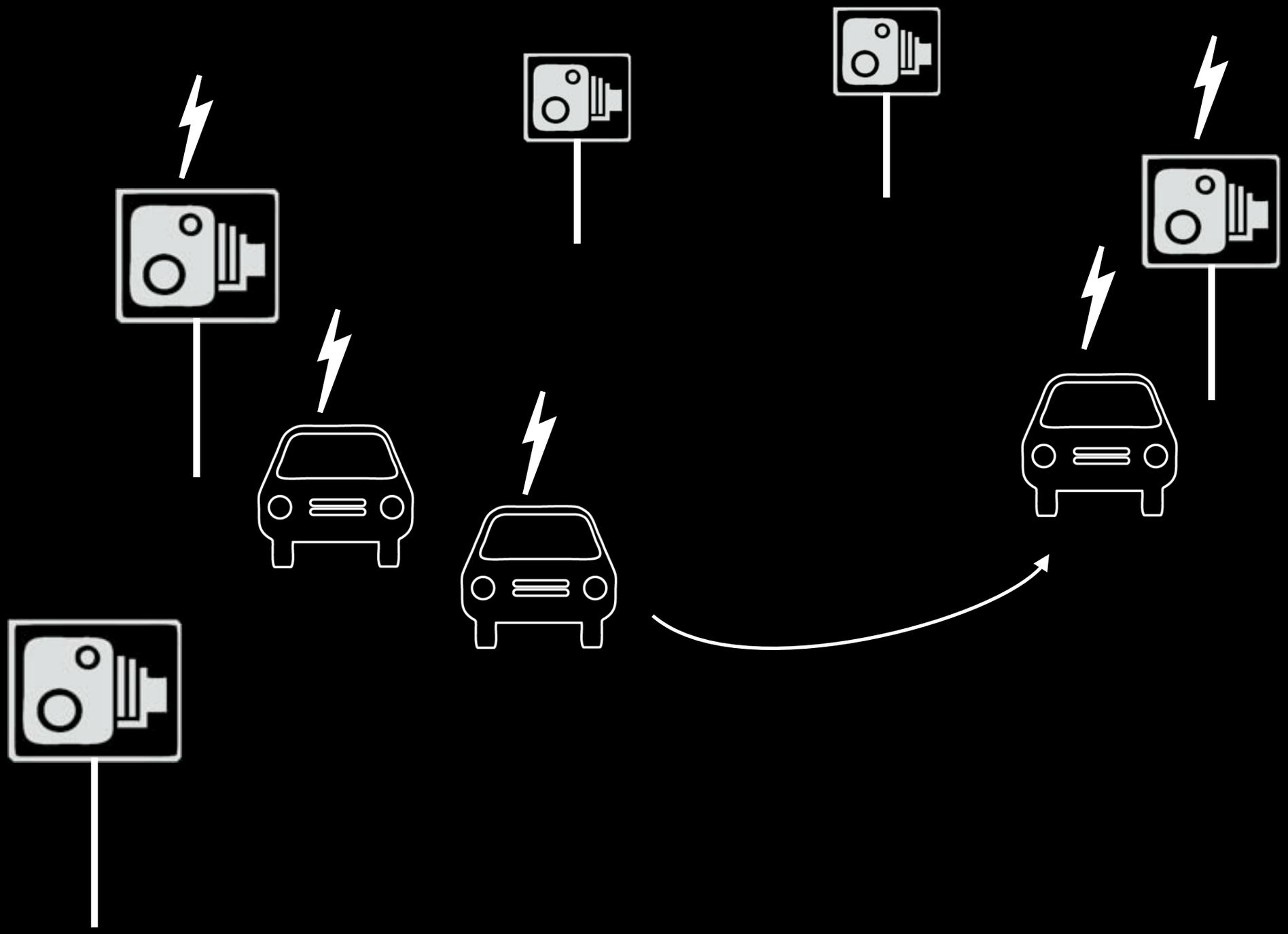

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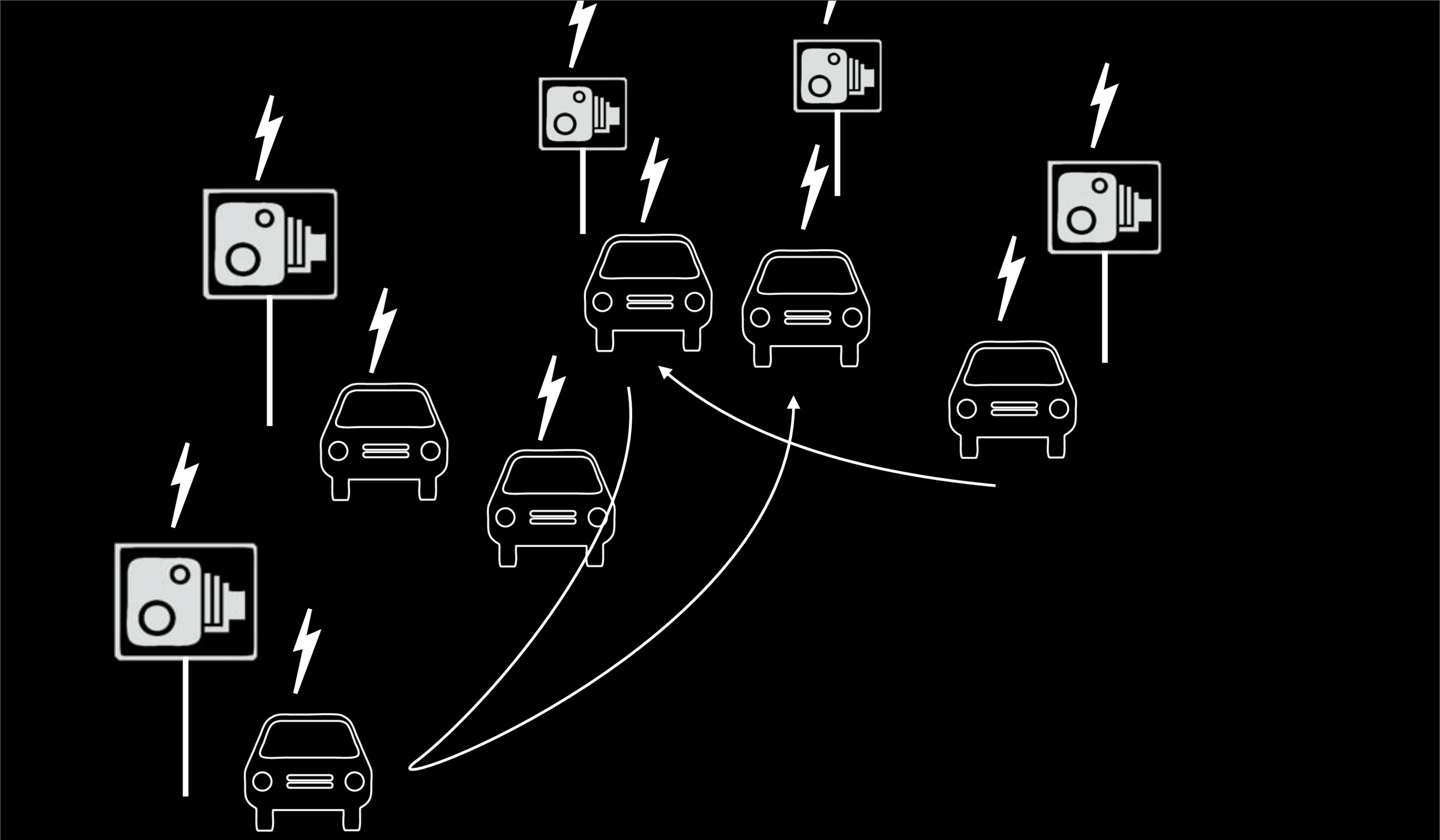
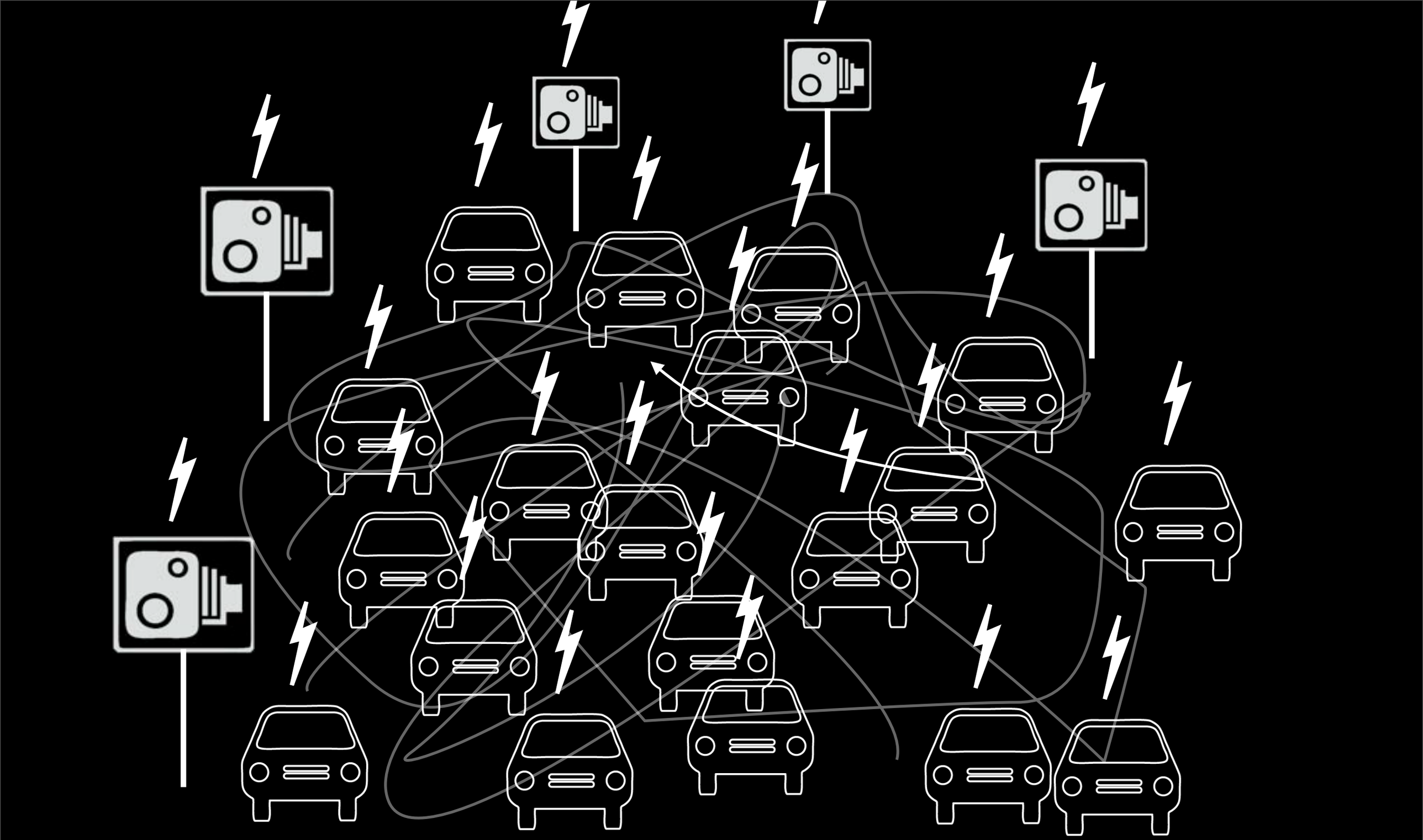
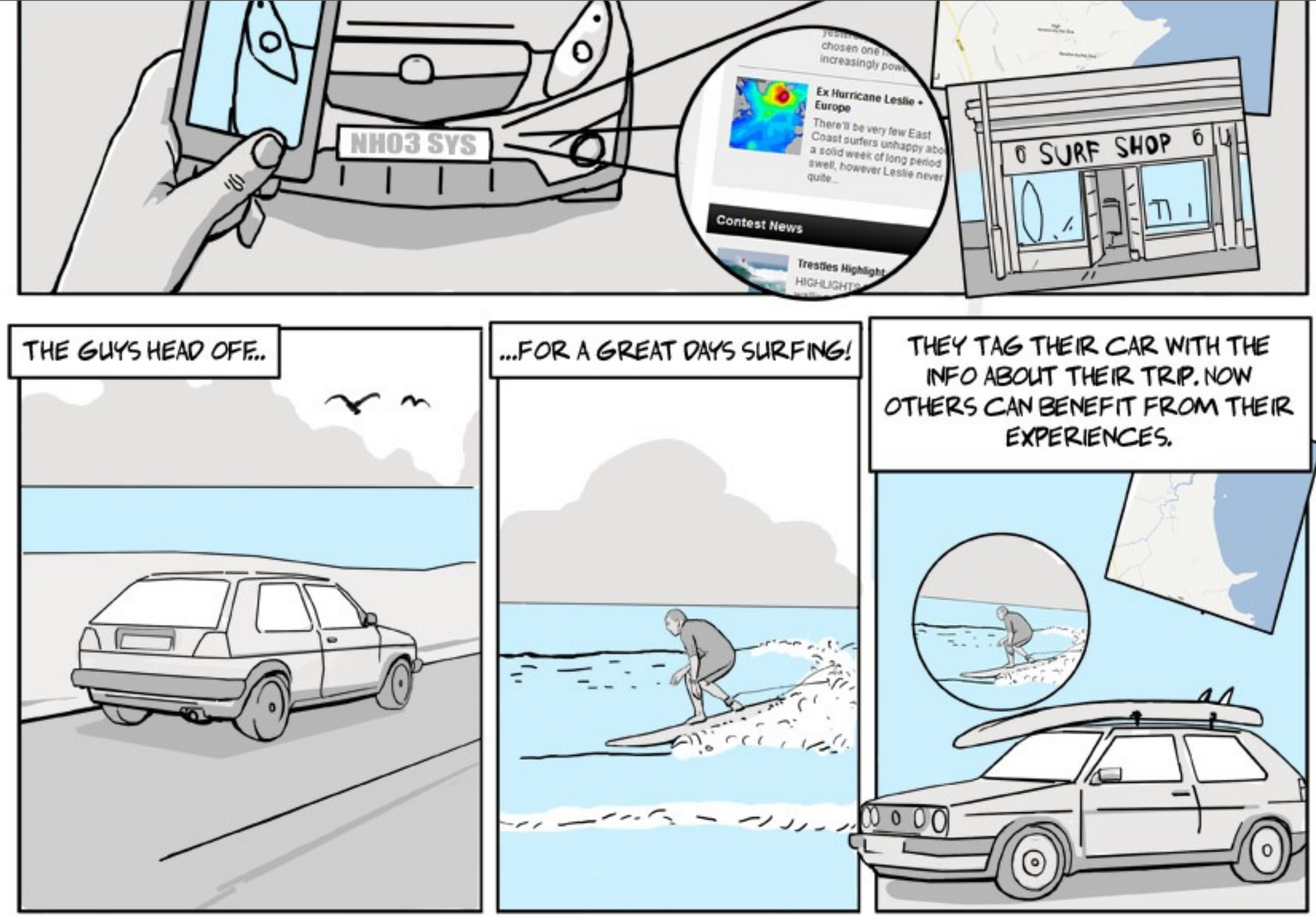


Internet of Cars



Internet of Cars

IoTC Scenarios



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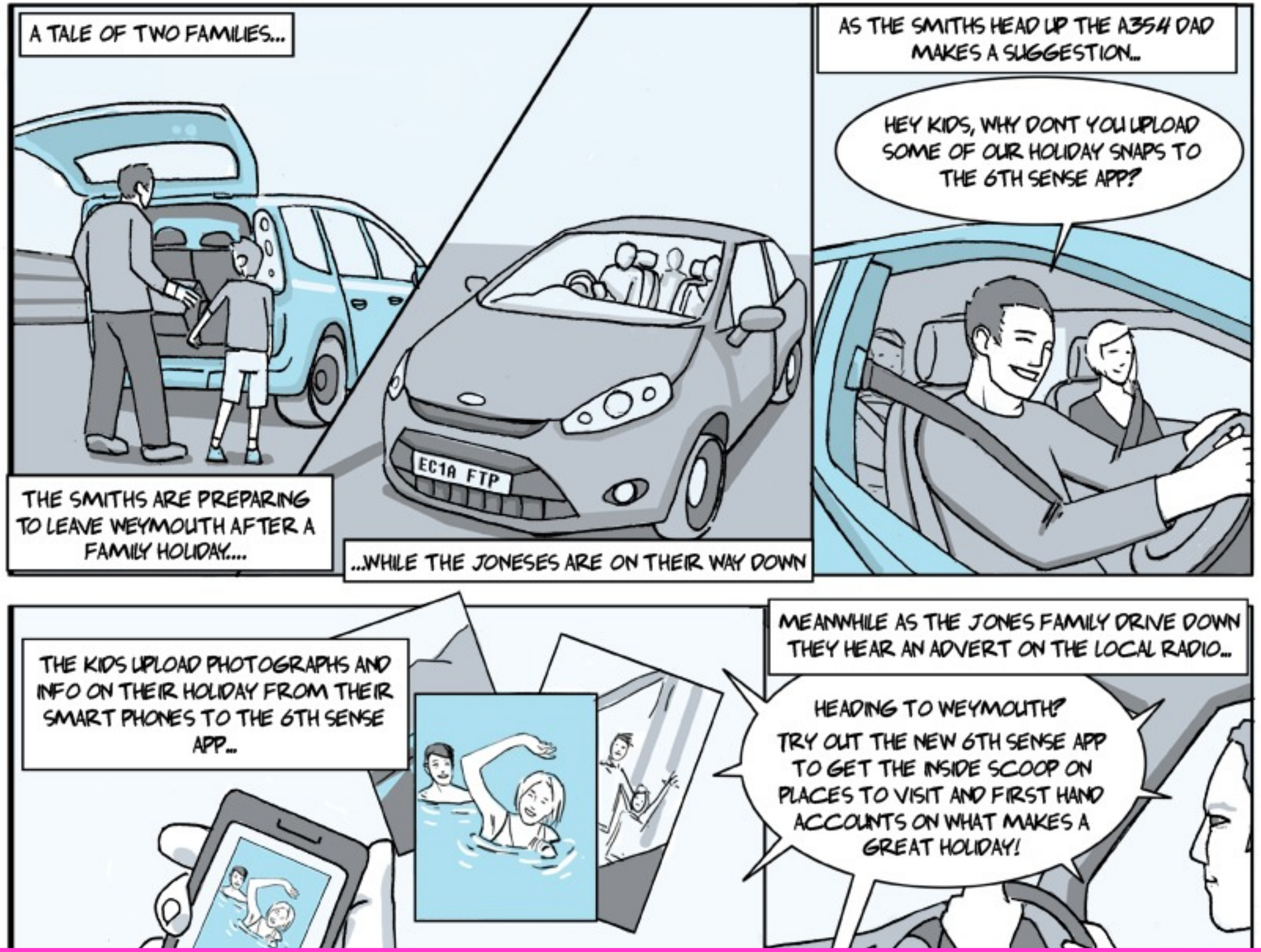

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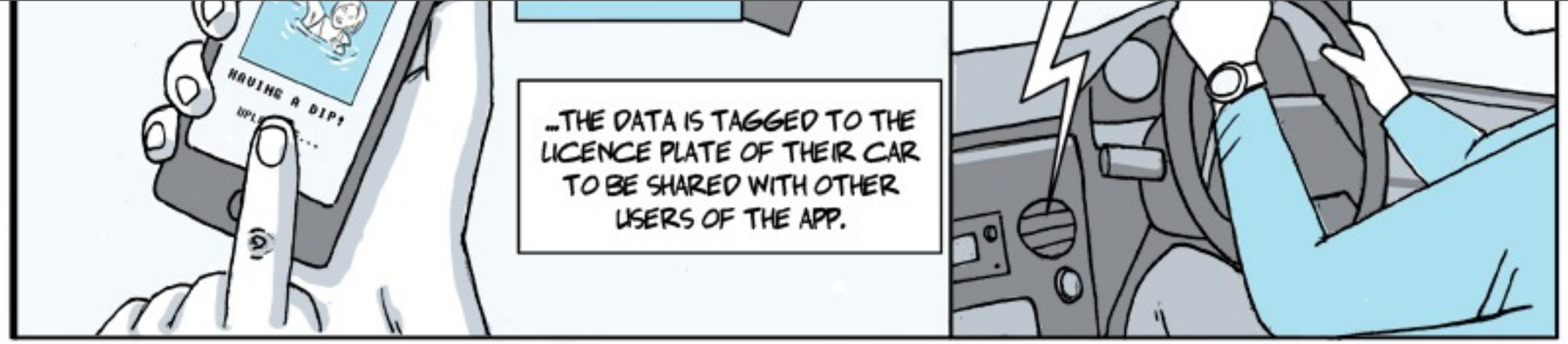
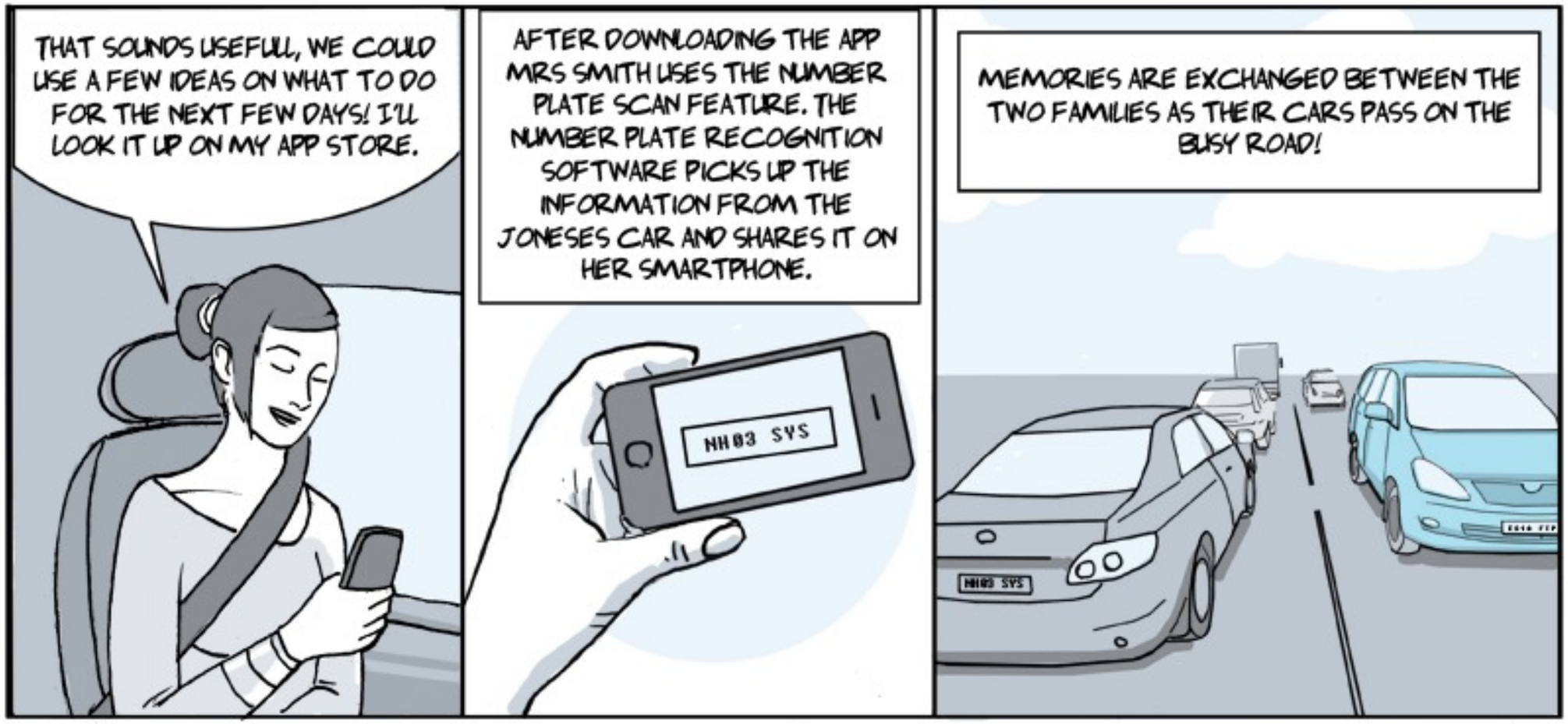




IoTC Scenarios

Mimicking Object Agency

"Spimes are manufactured objects whose informational support is so overwhelmingly extensive and rich that they are regarded as material instantiations of an immaterial system. Spimes begin and end as data. They're virtual objects first and actual objects second."
Bruce Sterling, Shaping Things, (2005)

Spimes

Spimes

Bleecker says there are three key characteristics of a blogject:

1. Blogjects track and trace where they are and where they've been;

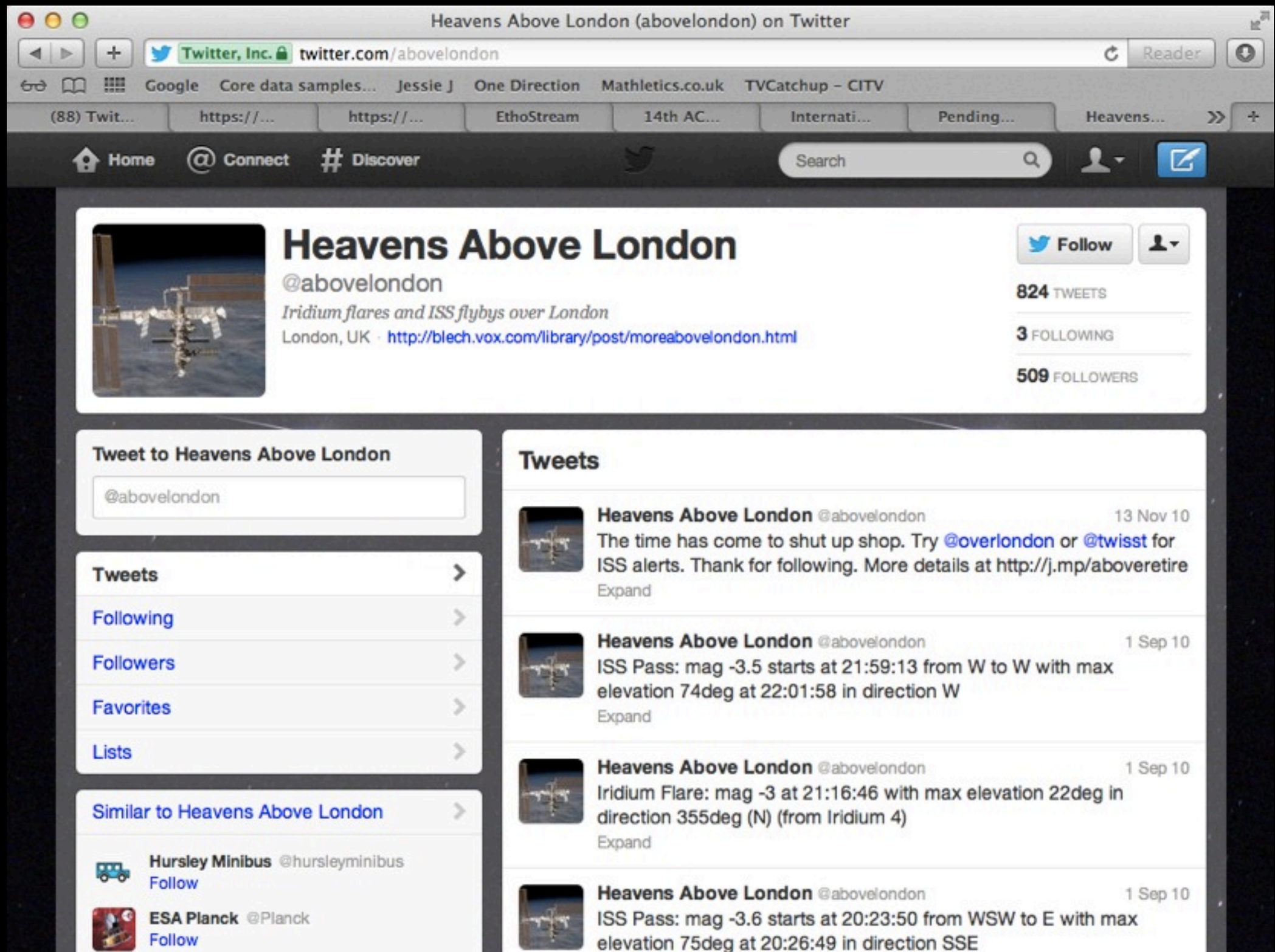
2. Blogjects have self-contained (embedded) histories of their encounters and experiences

3. Blogjects always have some form of agency — they can foment action and participate; they have an assertive voice within the social web.

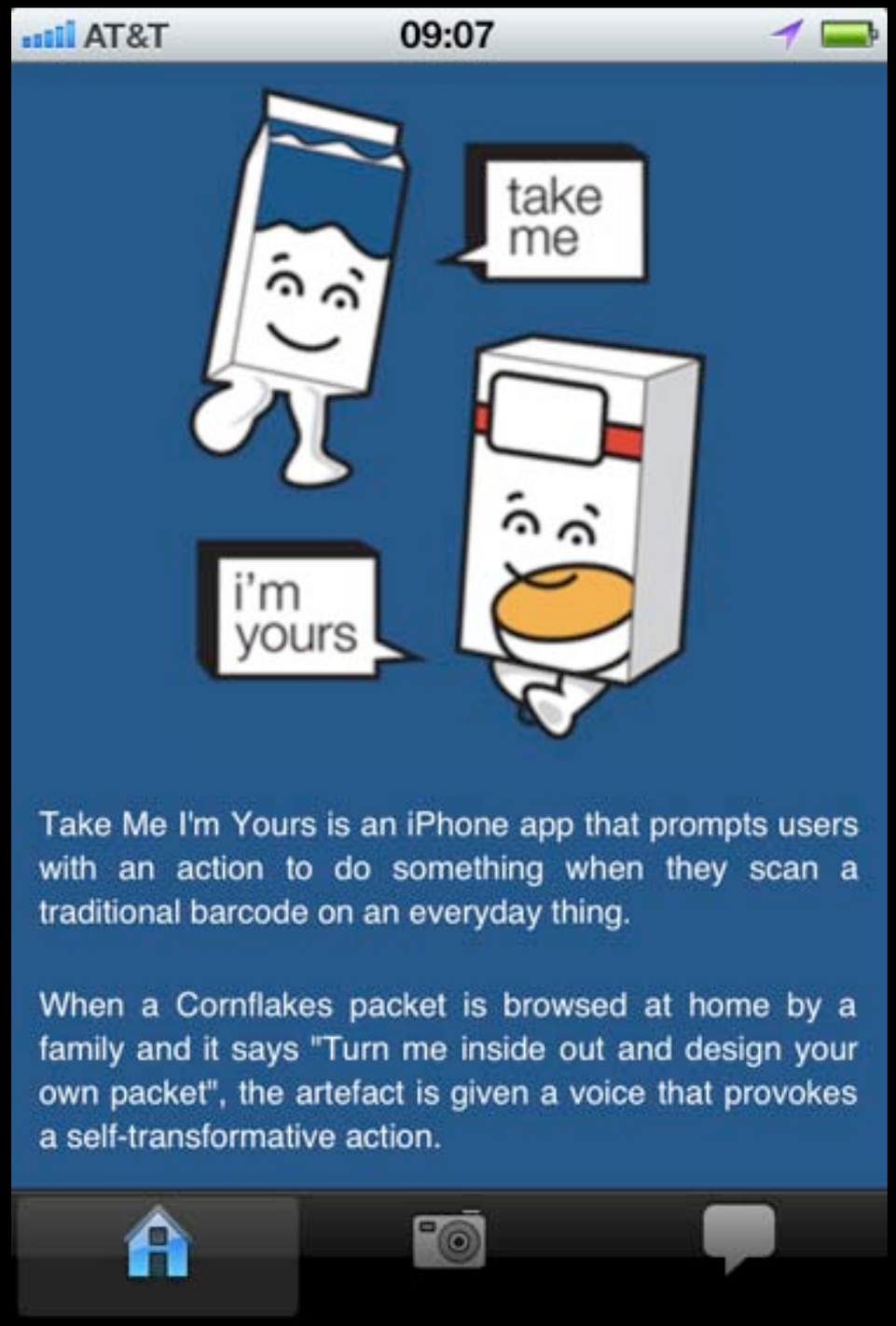
Manifesto for Networked Objects:
Cohabiting with Pigeons, Arphids and Aibos in the Internet of Things

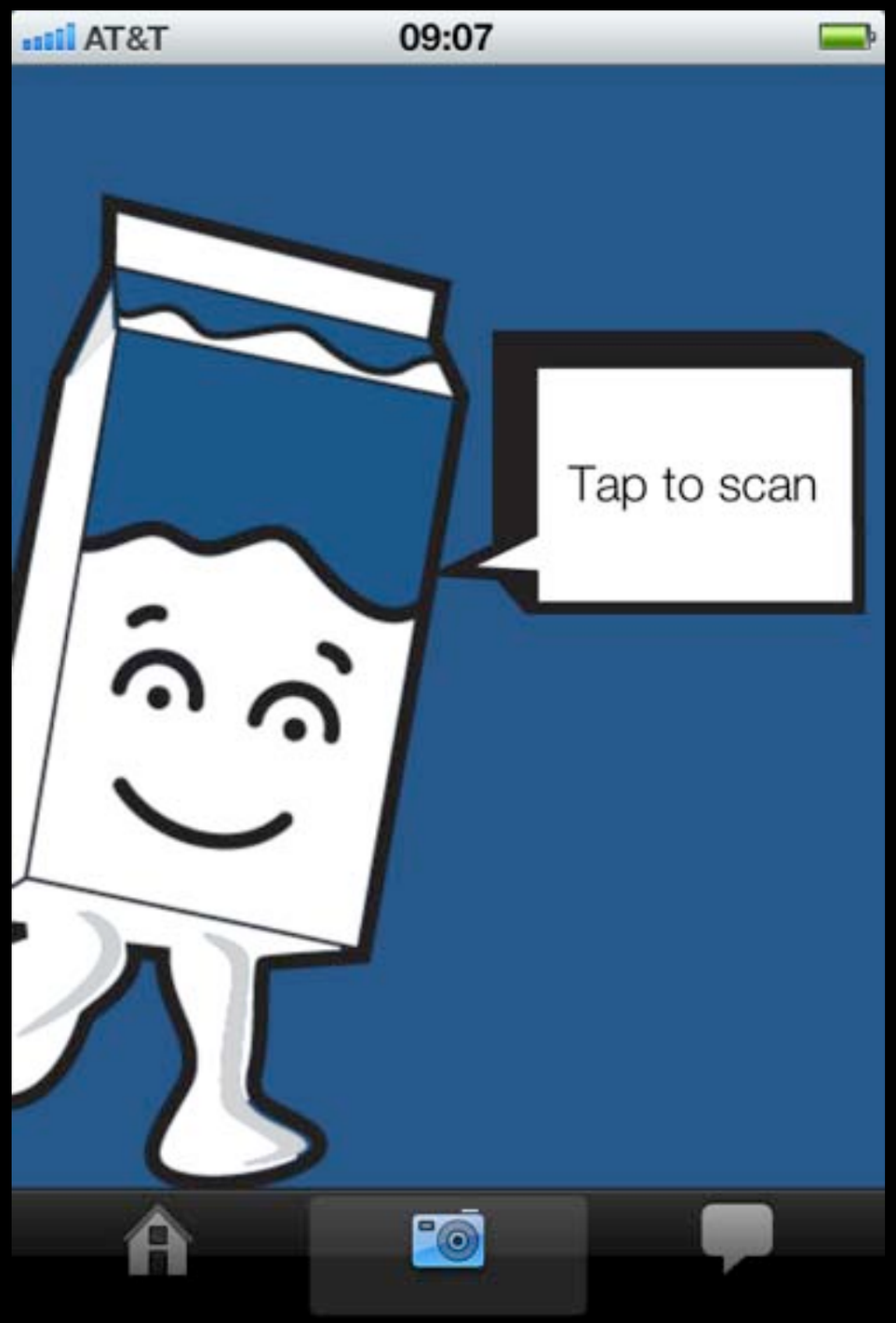
Blogjects

Blogjects



Blogjects / Tweetject

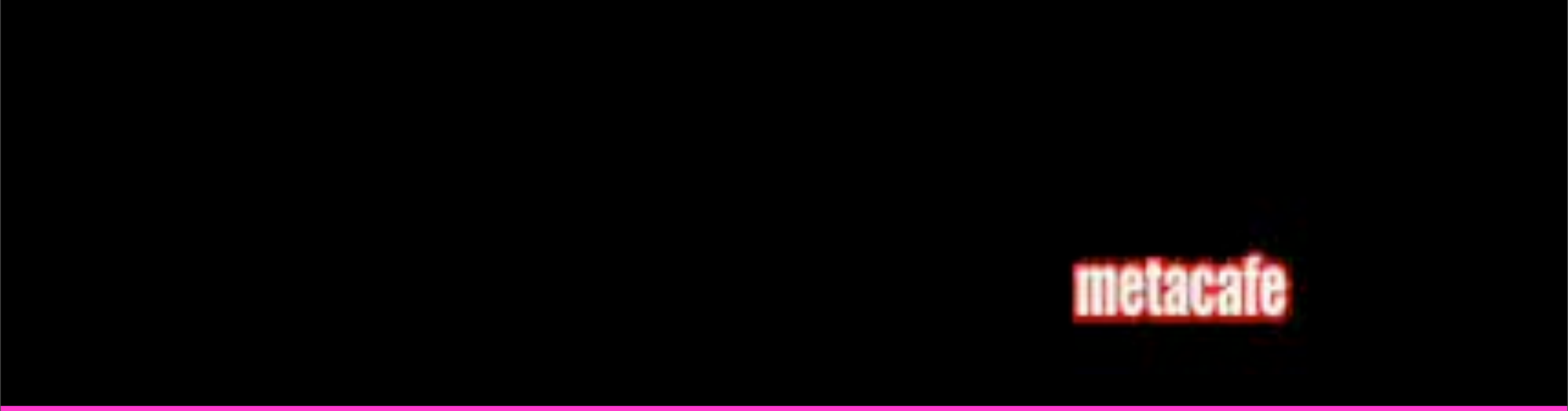




Take Me I'm Yours

Take Me I'm Yours: DIS2012

Take Me I'm Yours: UbiComp2012



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