

Embodied Interaction

Input on Data, Self and Bodies

Datasets, Scraping, Hacking and Examples

Data

Video Excerpt “The Joy of Data”

1:30-5:30

BBC

Data

Video Excerpt "The Joy of Data"

1:30-5:30



Data

Video Excerpt “The Joy of Data”

50:00-55:00

BBC

Data

Video Excerpt "The Joy of Data"

50:00-55:00

PROF. LUCIANO FLORIDI

Data Sets

A collection of related information constituted by independent pieces which can be manipulated as a whole.

What are they useful for?

Do you know any famous Data Set?

Data Sets

A famous example: Enron Data Set

<https://www.cs.cmu.edu/~enron/>

“A copy of the email database was subsequently purchased for \$10,000 by Andrew McCallum, a computer scientist at the University of Massachusetts Amherst.[6] He released this copy to researchers, providing a trove of data that has been used for studies on social networking and computer analysis of language.”

Data Sets : Scraping & Hacking

Art Examples

→ 10000 Moving Cities, Marc Lee

<https://www.youtube.com/watch?v=zreCsAlRHJk>

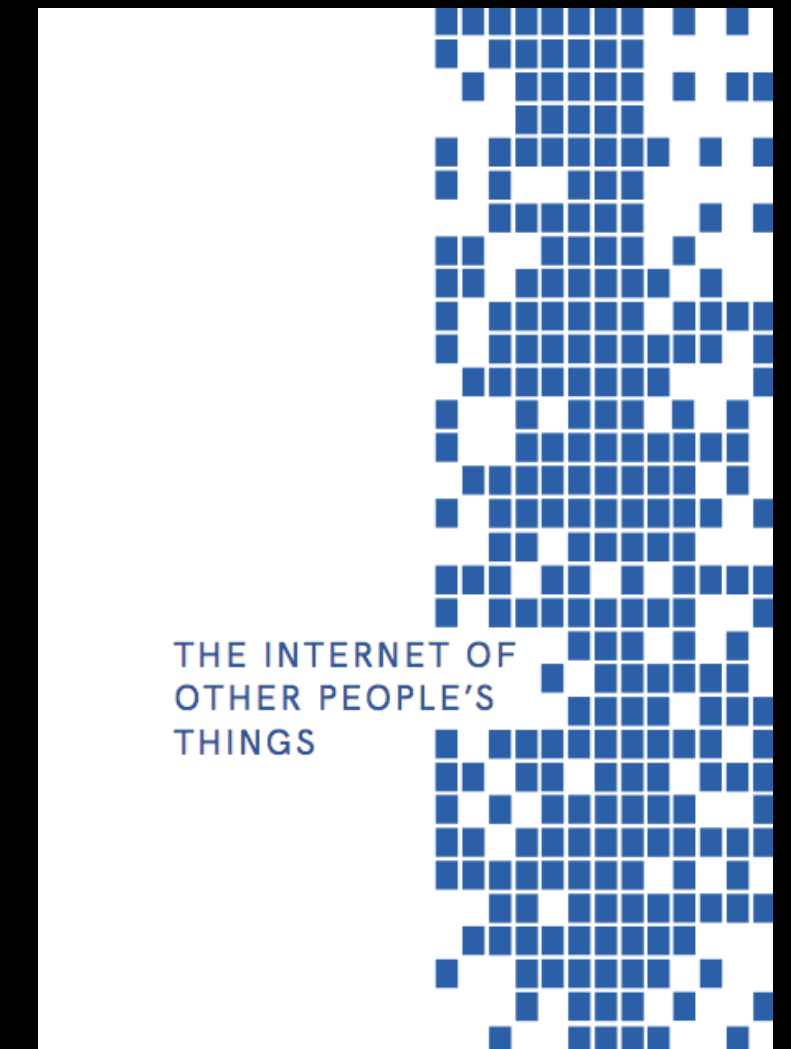


Data Sets : Scraping & Hacking

Art Examples

→ The Internet of Other People's Things (page 134 ... -) , Linda Kronman & Andreas Zingerle

<http://kairus.org/portfolio/book-the-internet-of-other-peoples-things/>





Data Sets : Scraping & Hacking

Art Examples

→ Sharing Location, Linda Kronman & Andreas Zingerle

<http://kairus.org/portfolio/sharing-location-yongsan-humphrey-garrison/>

<https://vimeo.com/264374824>

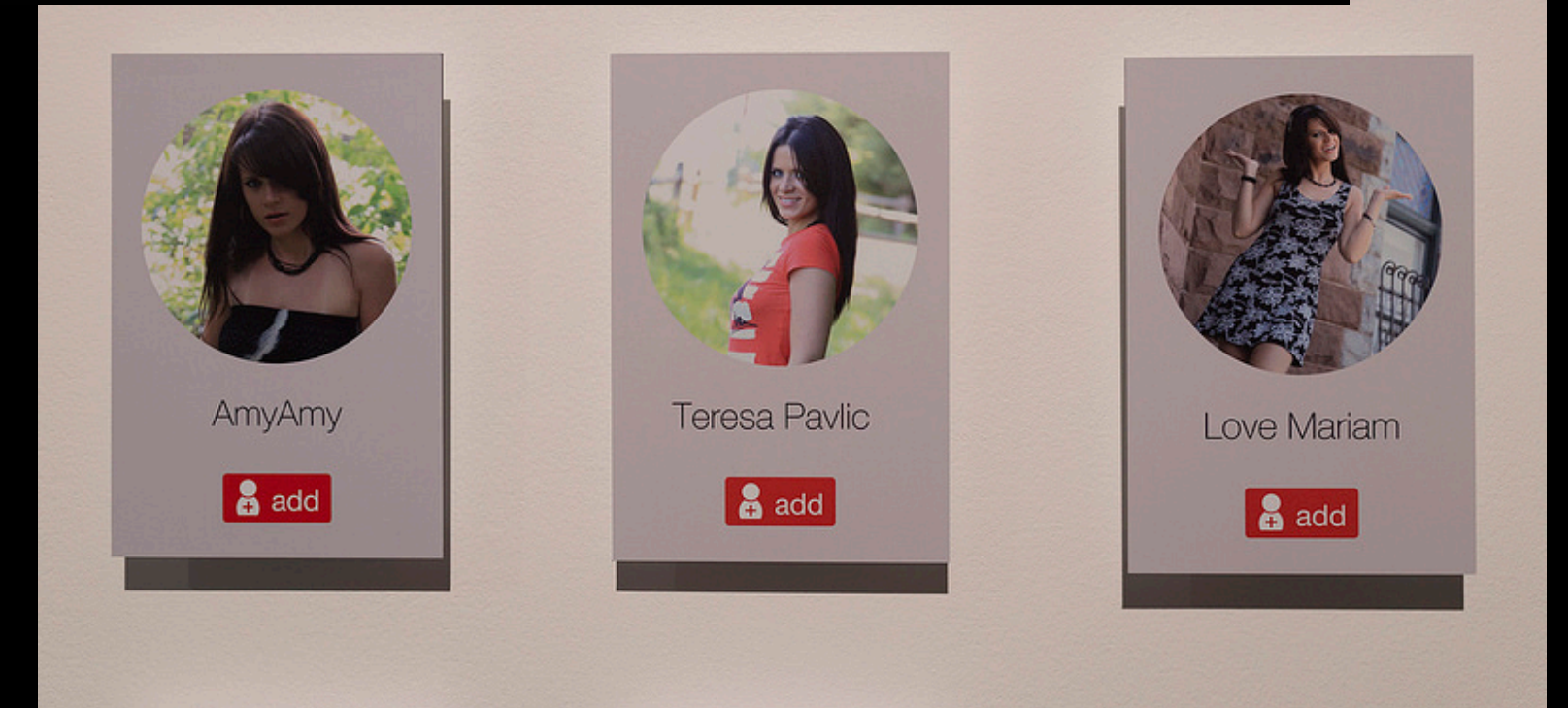
Data Sets : Scraping & Hacking



Art Examples

→ Forensic Fantasies, Linda Kronman & Andreas Zingerle

<http://kairus.org/portfolio/forensic-fantasies-trilogy/>



Data Sets : Scraping & Hacking

Art Examples

→ My Little Big Data, Eva & Franco Mattes

<http://0100101110101101.org/>

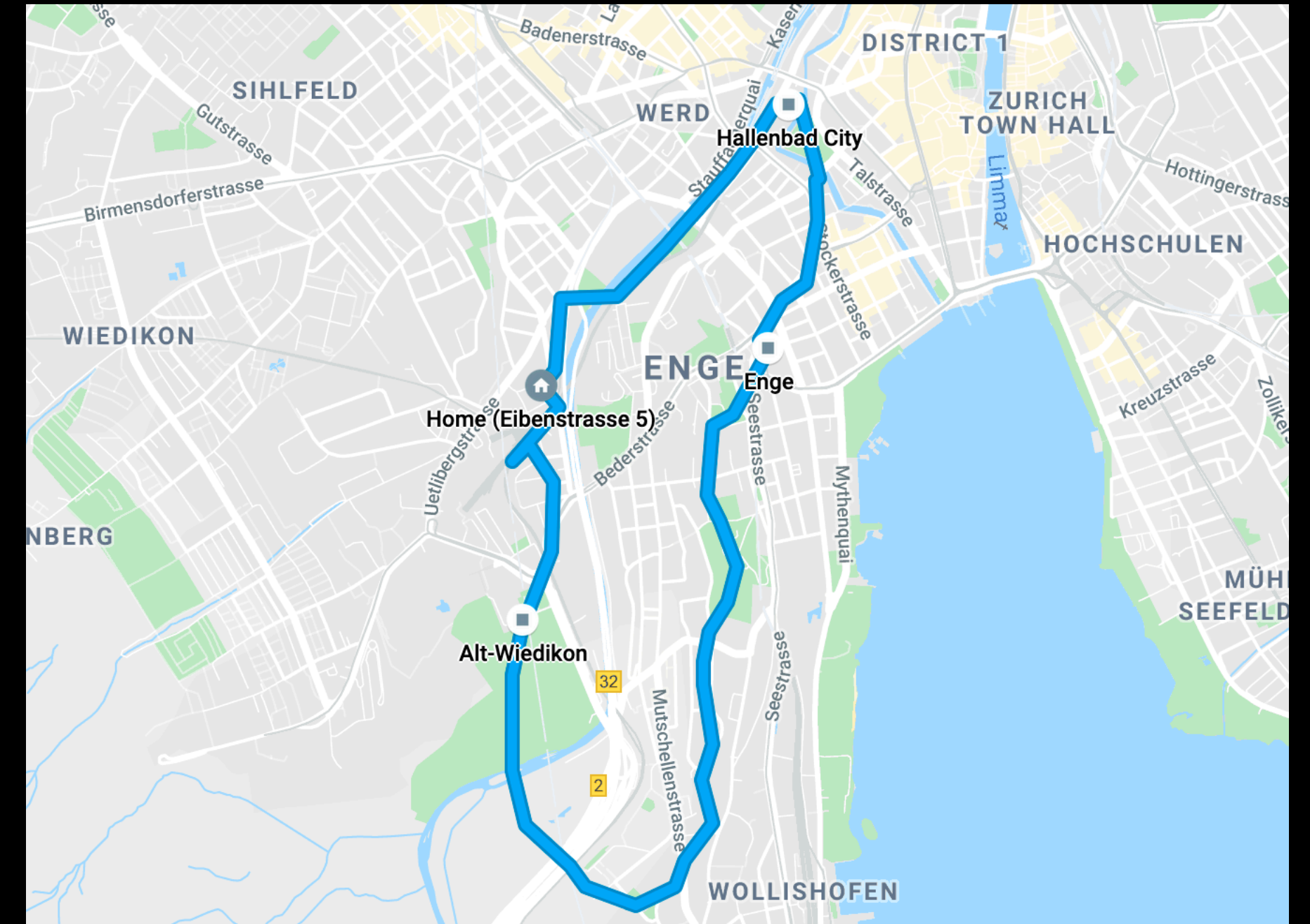
<https://www.arshake.com/en/eva-and-franco-mattes-my-little-big-data-in-milan/>



Your own data sets: downloading, scraping, hacking

Live examples

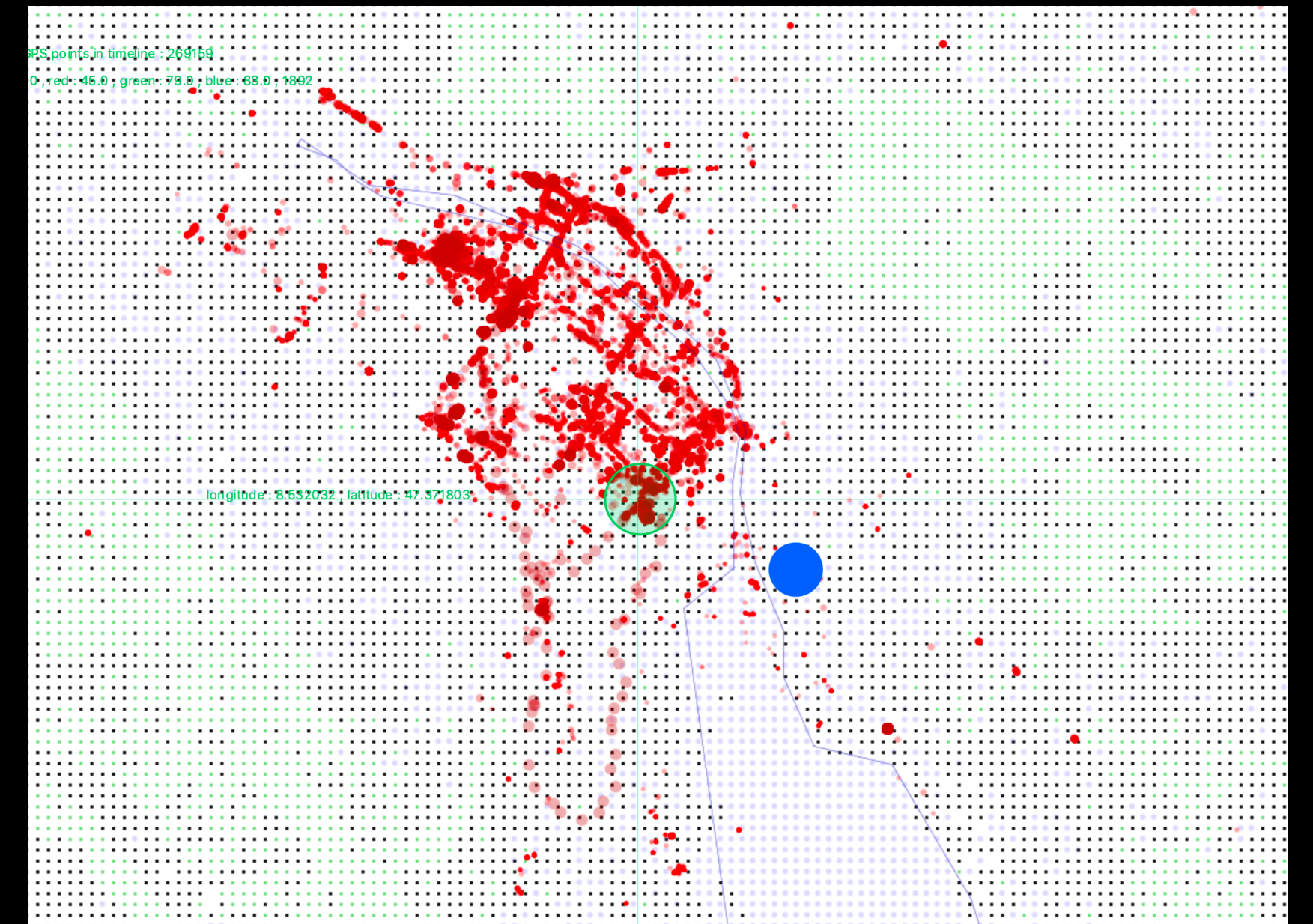
Checking your Google Timeline



Your own data sets: downloading, scraping, hacking

Live examples

Doing something with your Google Location History




```
ByimgDown.py
```

```
DIED_INTERACTION/TINDER/self_made_API_for_TINDER/images/unclassi
```

```
.080x1080_721205bf-119d-4396-b72e-eba8ac68cf03.jpg , image # 0
```

```
.080x1080_2196cdb2-e848-4e2e-9191-8370e31be8e0.jpg , image # 1
```

```
.080x1080_9f8ebaa8-bd9f-46c6-8412-6c22c6cf713a.jpg , image # 2
```

Your own data sets: downloading, scraping, hacking

Live examples

Scraping Tinder with Python


```
0420 C3 FC C7 41 8B D9 D1 60 8D F8 E7 41 C6 A5 CC 0D ...A...`...A...
0430 C5 68 47 4F F2 52 D6 2B 16 89 2E 60 E0 A4 02 4C .hG0.R.+...`...L
0440 0D 56 08 1B 43 13 50 52 CD EA 4D F7 BE CA 7E D0 .V..C.PR..M...~.
0450 03 B3 7B 72 A6 48 A3 6B 8E 9F 40 35 EC F3 C5 B2 ..{r.H.k..@5...
0460 5F A8 82 DE 75 DB 39 51 D7 1F BD B7 0A 13 87 F3 _...u.9Q.....
0470 AF 95 E2 5C CA 98 D5 AB 63 3D C1 21 C7 12 CD A5 ...\....c=!.!...
0480 3C 84 A5 B2 E6 56 BA 33 C4 00 D4 A6 D2 92 FB 7E <...V.3.....~
0490 A7 2D 2C 55 F7 0F FA 4B 5A FD FB 3B AC 26 D4 CD .-,U...KZ...;&..
04a0 6E 47 94 B6 0C C8 D2 D6 F5 BC C5 A3 E1 45 2D 46 nG.....E-F
04b0 35 06 BA 6B D2 6A AC C0 11 51 7C 7E C4 F0 6A 0B 5..k.j...Q|~..j.
04c0 B2 12 69 C4 01 52 D5 00 81 0C 2F 54 A8 B3 D5 F1 ..i..R.../T...
04d0 6C 2F 74 99 A8 3E 4E 20 57 E7 5C 36 98 84 AE 2A l/t...>N W.\6...*
04e0 F9 E4 C6 75 FA 4E DD AD 79 E0 90 E8 16 45 75 50 ...u.N..y....EuP
04f0 3A 1D C2 8A 52 89 FF F0 62 C6 BE F5 09 1E 51 29 :...R...b....Q)
0500 72 DC 94 04 C5 FA FD 6A 15 B0 1F 68 A8 C0 F8 49 r.....j...h...I
0510 76 85 5C 00 CA 15 33 E6 C0 0A 07 C4 BB 9F 51 BF v.\...3.....Q.
0520 92 0D D3 9E 67 CB C9 EA 6F BB 56 7D FC 32 0E FA ...g...o.V}.2...
0530 5A B9 C7 CF 6B 78 04 E5 31 93 5E 73 25 09 DC E7 Z...kx..1.^s%...
0540 4D A7 E0 2C 5F 15 B3 5A A4 83 76 B2 DA 55 E9 8E M..._...Z..v..U..
0550 21 C0 B8 C6 9E 51 B8 4F !....Q.0
None

ifconfig: channel: bad value
[+] Sniffing on channel 12
  Ether / IP / TCP 195.176.247.163:4287 > 172.20.10.9:53148 A / Padding
  Ether / IP / TCP 172.20.10.9:53148 > 195.176.247.163:4287 A / Raw

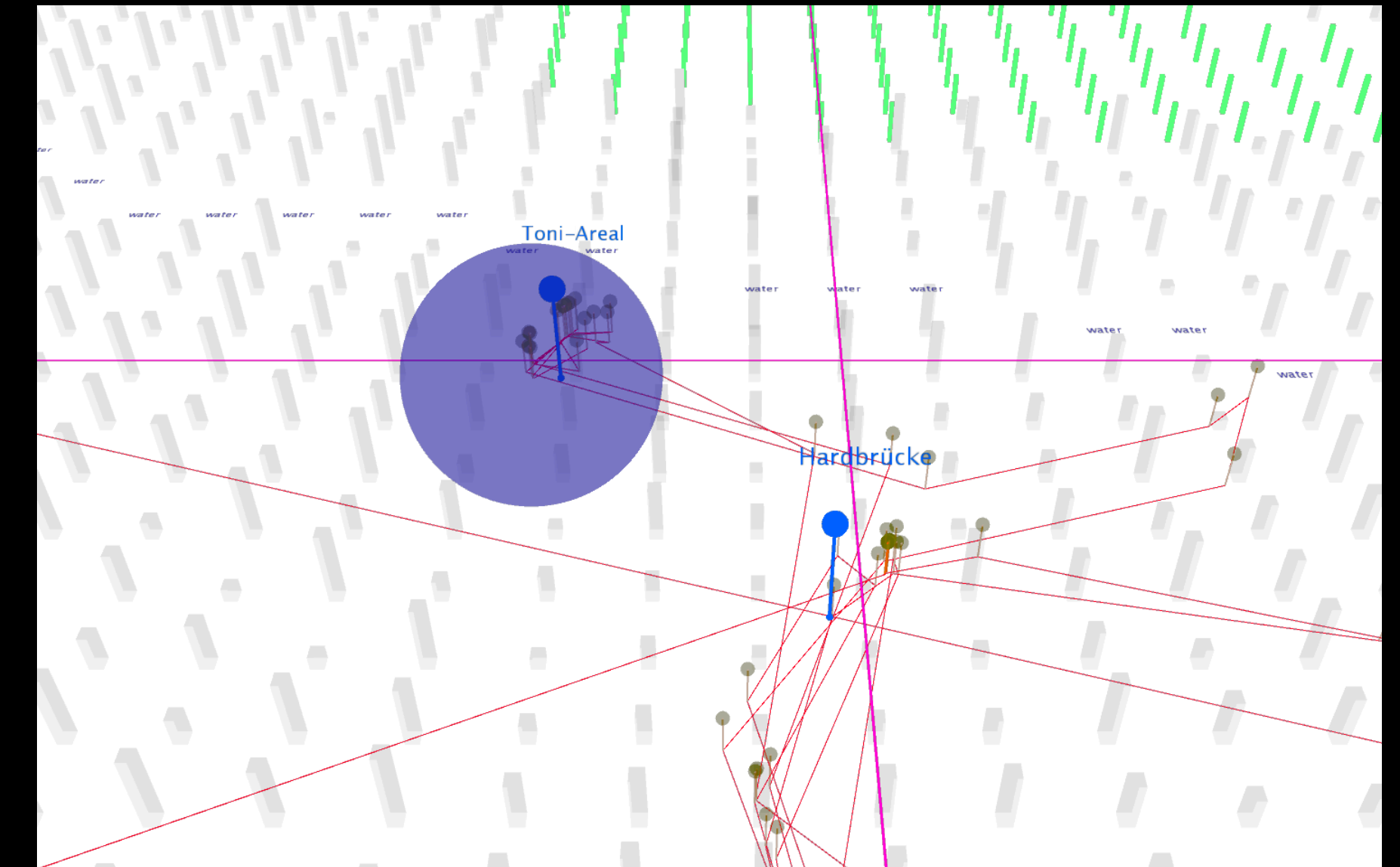
0000 1C BF 43 44 43 CC 70 18 E0 17 03 03 01 52 D4 AF ..CDC.p.....R..
0010 22 56 45 4F FB BF 31 EE 27 1C CC 39 17 79 83 65 "VE0..1.'..9.y.e
```

Your own data sets: downloading, scraping, hacking

Live examples

Tracing WiFi Signals and WiFi Sniffing

<https://andresvillatorres.work/index.php/2019/07/17/digital-spaces/>



Your own data sets: downloading, scraping, hacking

Live examples

GPS Live Tracking with smartphone and GYROSC

Your own data sets: downloading, scraping, hacking

Live examples

socket.io. + localhost.run