Axel, SFT Meeting, 2017-01-09

33C3?

- 33rd "Chaos Communication Congress", since 1984

  - organized by German Chaos Computer Club (hacked CERN's VAXs in 1980s ;-)

  - again in Hamburg, Dec 27-30, 2016

- Focus on computers, security, society

  - talks (mostly English) 11am - 2am and later

  - plus "assemblies": hack, solder, make

33C3!

- 12'000 participants, enormous number of volunteers

- 2000 crates of "Mate" (Paraguay tea) drinks

- 34.5GBit/s

- Incredibly open, friendly, inclusive atmosphere

Infrastructure

- Open source conference projector management infobeamer.com

  - what's next, what happens in other rooms

  - twitter, announcements (wash your hands), pong

- Unisex toilets just work, really really well

- 189 access points…

c3nav – 33c3 indoor navigation
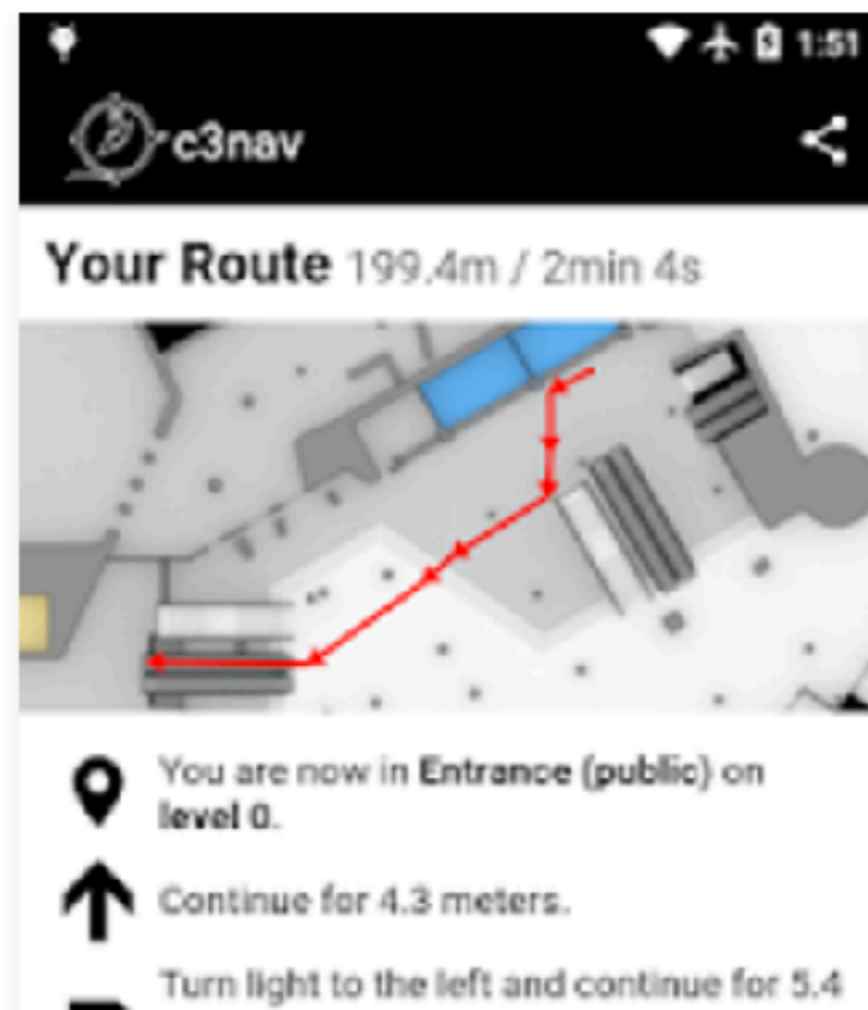
Raphael Michel   **Maps & Navigation**

★★★★☆ 3

USK: All ages

This app is compatible with all of your devices.

Add to Wishlist

Insta

♥ ✈ 🔋 1:51

c3nav ⌖

Work in Progress. Soon to come: more POIs (Assemblies etc.), selecting from map, Android App with Wi-Fi positioning, ...

Origin

select origin... ◎

Cash Desk
Entrance (public)

Infodesk
Ground Floor Foyer

POC
Elevators Level 1

Shirt Desk

♥ ✈ 🔋 1:51

c3nav ⌖

Your Route 199.4m / 2min 4s

📍 You are now in **Entrance (public)** on level 0.

↑ Continue for 4.3 meters.

Turn light to the left and continue for 5.4

My Talk

- CERN, Software, Data analysis, Society

- 30 minutes in "Saal 1"

- Tons of followup: person, email, twitter

  - i.e. "worked for me"

Full Saal 1

+/- my Saal 1

"Have you met someone?"

- Free Software Foundation Europe has published position paper on free software, featuring CERN as good example

  - trying to have them present through KT, to increase bonds with FSFE + publicize CERN's software

- Youth hackathon organization: at CERN, a la beamline for schools?

- EsPass / pretix as open source ticketing; Open data; Artiq python -> LLVM compiler; CUDA @ cling

- Lots of people interested in CERN, how to apply, visit, its software

Noteworthy Presentations

Space

- Eavesdropping on the Dark Cosmos: gravitational waves

- The Moon and European Space Exploration (by the DG of ESA)

- The Universe Is, Like, Seriously Huge

Society and Security

- Ethics in the data society (ethics vs. self-driving cars)

- Liberté, Égalité, Fraternité... and privacy ?! (Surveillance vs freedom in France)

- Million Dollar Dissidents and the Rest of Us: Uncovering Nation-State Mobile Espionage in the Wild

- The Untold Story of Edward Snowden's Escape from Hong Kong

- Build your own NSA

- Visiting The Bear Den (Sednit, a.k.a Fancy Bear/APT28/Sofacy)

- Searchwing: rescuing refugees' lives in the mediterranean

Security and Society

- Dissecting modern (3G/4G) cellular modems

- Dissecting HDMI

- A look into the Mobile Messaging Black Box

- How do we know our PRNGs work properly?

- On the Security and Privacy of Modern Single Sign-On in the Web

- Recount 2016: An Uninvited Security Audit of the U.S. Presidential Election

- You can -j REJECT but you can not hide: Global scanning of the IPv6 Internet

Referer

- All talks: https://media.ccc.de/c/33c3

- Agenda: https://fahrplan.events.ccc.de/congress/2016/Fahrplan/events.html

- FSFe position paper: https://fsfe.org/news/2017/news-20170105-01.en.html