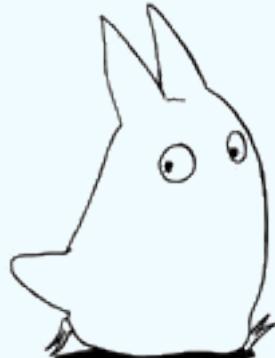
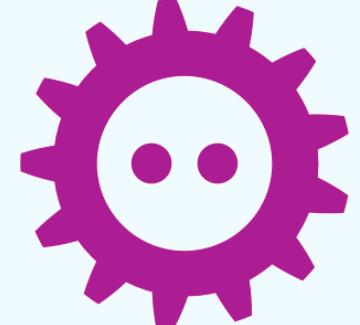
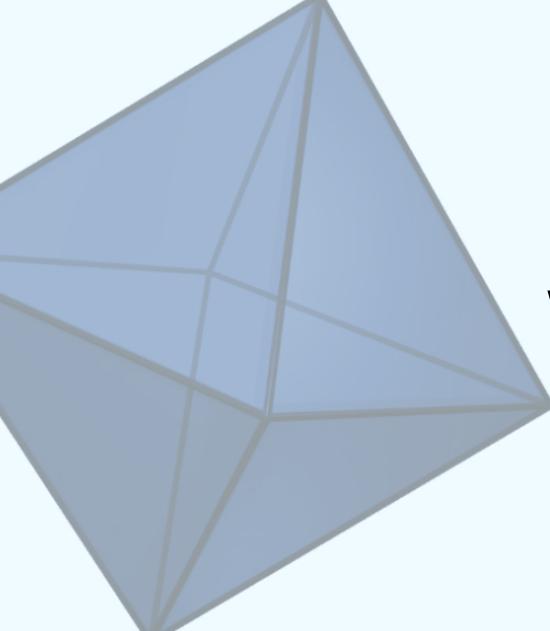


Welcome to the Local First, sync engine & CRDTs devroom at FOSDEM'26



Introduction (5min)



Local First devroom at FOSDEM'26

Why a Local First devroom?





Local First devroom at FOSDEM'26

Why a Local First devroom?



Hot Topic: since few years, many conferences, open source projects, libraries, new companies.



Local First devroom at FOSDEM'26

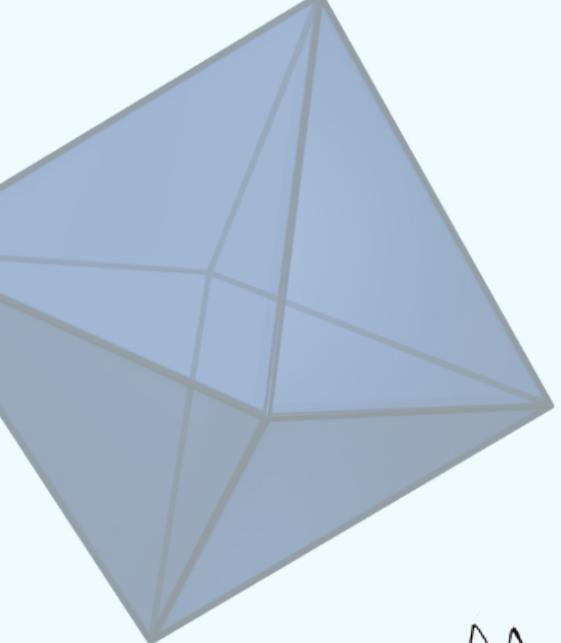
Why a Local First devroom?



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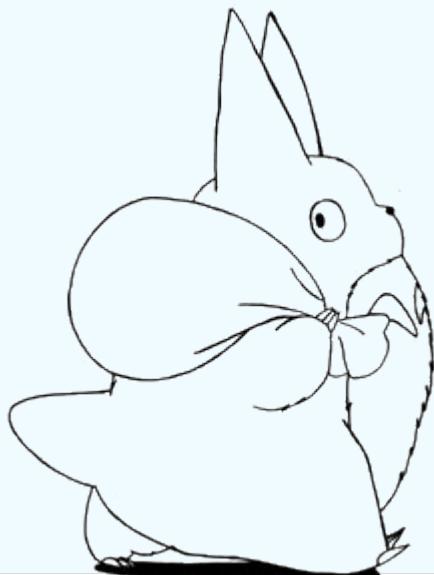


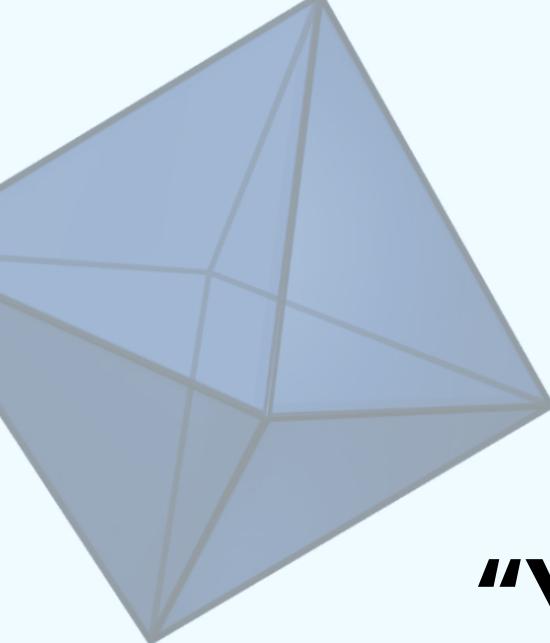
Thank you FOSDEM staff & volunteers



Local First devroom at FOSDEM'26

Introduction to Local First





Local First devroom at FOSDEM'26

Introduction to Local First

**“You Own Your Data, in spite
of the Cloud”**

Martin Kleppmann et al. 2019



Local First devroom at FOSDEM'26

Introduction to Local First

Offline-only





Local First devroom at FOSDEM'26

Introduction to Local First

Offline-only + Online-only



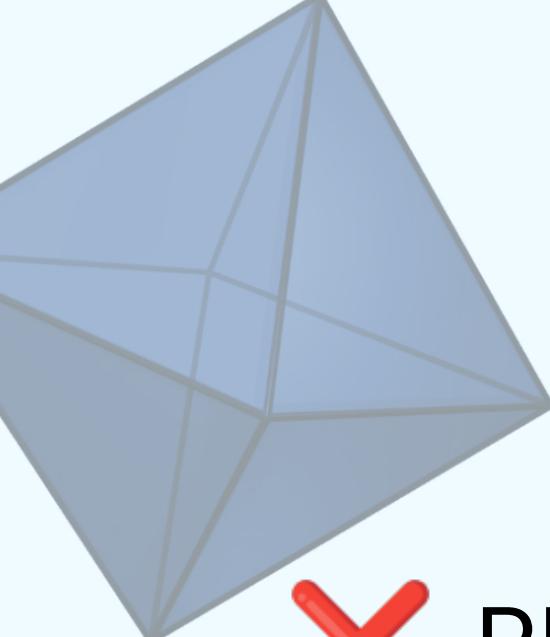


Local First devroom at FOSDEM'26

Introduction to Local First

**Offline-only + Online-only => Local First with
Collaboration (Live & Offline)**





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A new paradigm



REST web APIs, Client/Server

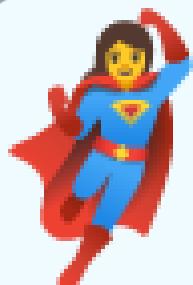


SYNCing, SYNC protocols



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What about **conflicts**?



CRDTs : Conflict-free
Replicated Data Types

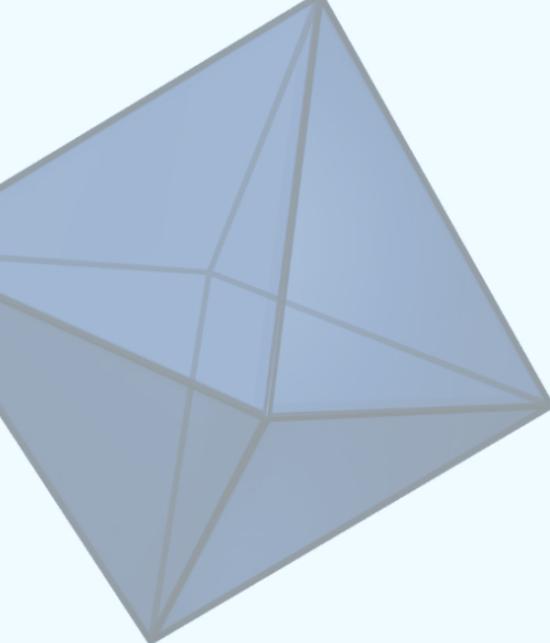
Other benefits

DX don't worry about data and network plumbing anymore

UX – ownership (no lock-in)

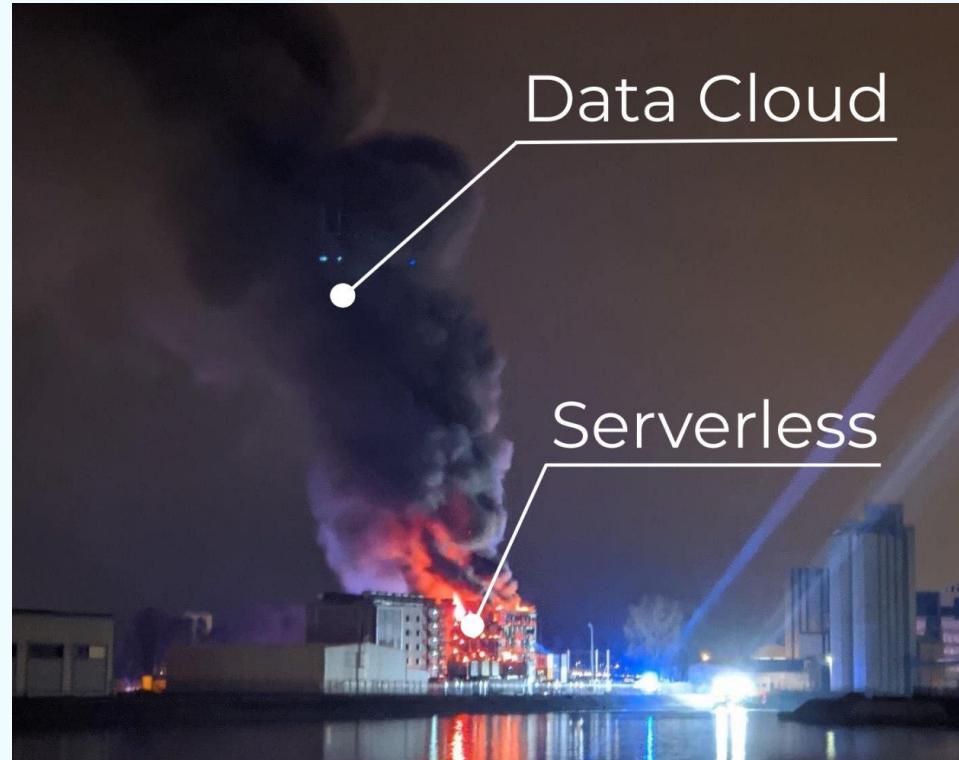
- availability (no internet is fine) & speed (no loading time)
- privacy & security (E2EE)

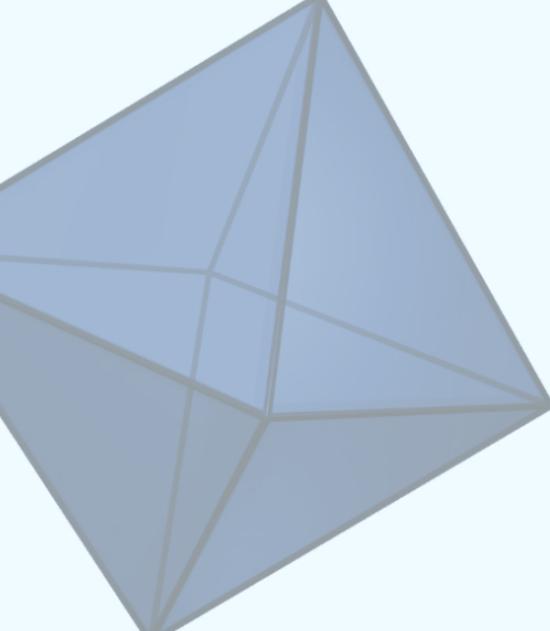




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Digital sovereignty





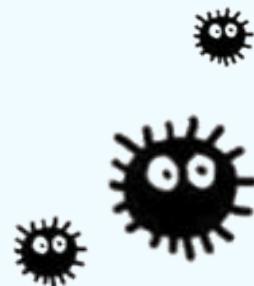
Local First devroom at FOSDEM'26

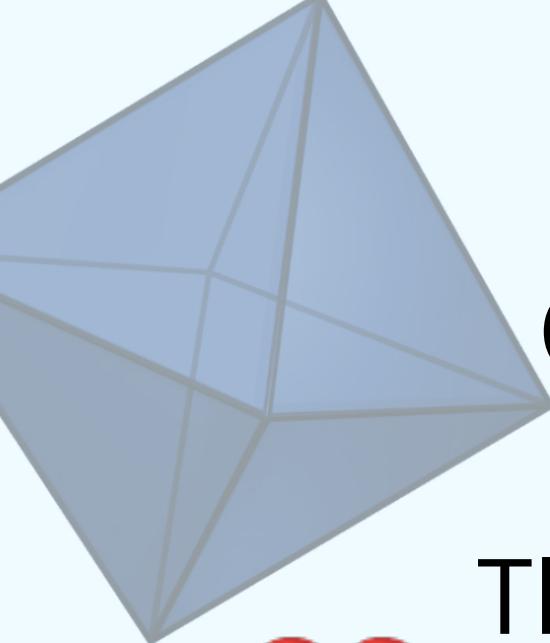
The road ahead

True decentralization

Resilience

Free the data





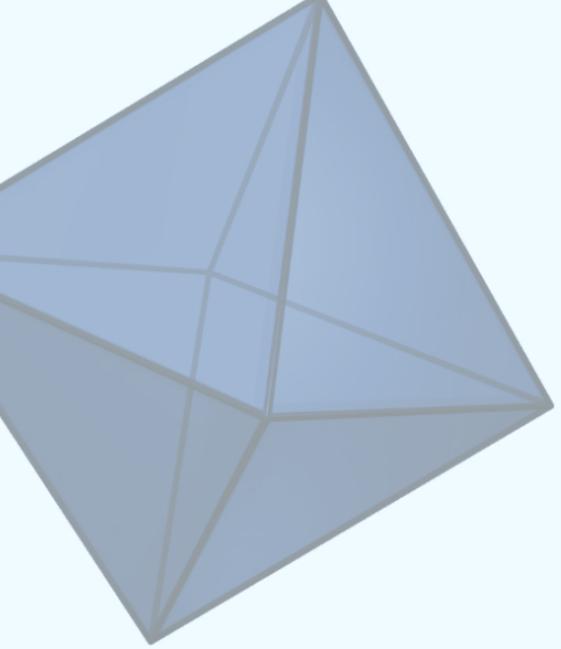
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Our program at a glance



Thank you to the speakers!

Today we will see the State of
the Art



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CRDTs

3 main “generic” libraries:

Yjs/Yrs with Bartosz at 9:30

with Yousef and Nick at 12:00

Automerge with Brooke & Alex 10:30

Loro mentioned by Ilya at 15:00

Create new CRDTs

Flec with Jim at 15:25



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Frameworks & protocols

Jazz with Giordano (in few minutes from now)

Keyhive and Beelay with Brooke & Alex 10:30

NextGraph with Laurin & Niko 11:00

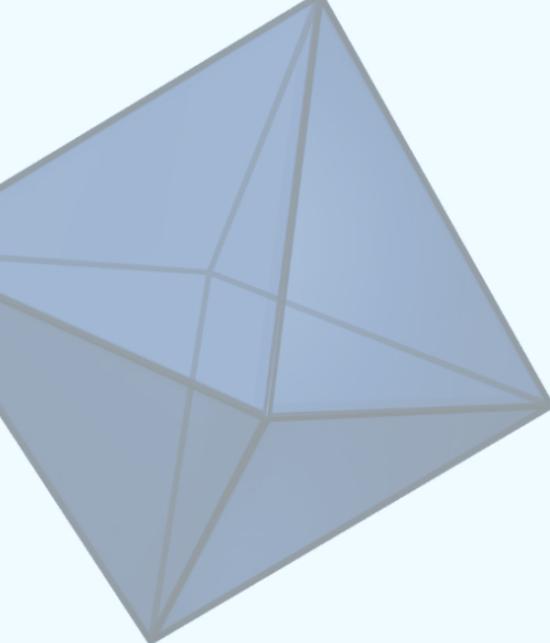
P2Panda with Andreas 12:30

Teleportal with Nick 13:55

OCapN with David 14:05

Willow with Sammy 15:55

Hypermedia with Eric 16:40



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Databases

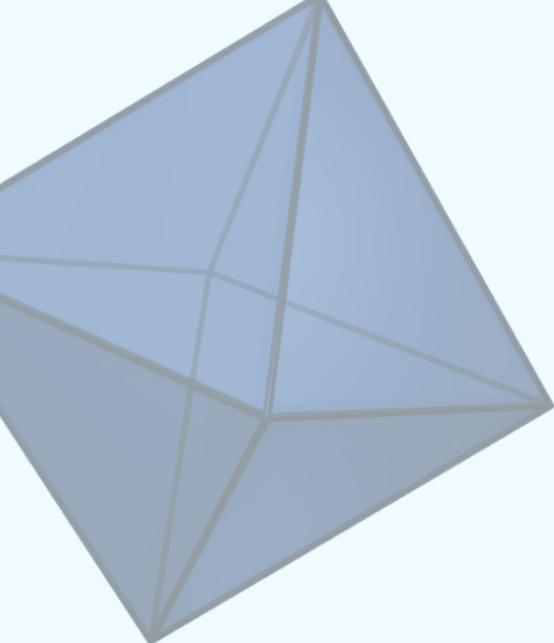
Jazz with Giordano (now)

NextGraph with Laurin & Niko 11:00

ElectricSQL with Kevin 11:30

OrbitDB with Nico 14:40

PouchDB with Alex 16:20



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Applications

Plane WIKI with Palani 10:00

Reflection with Tobias 12:30

Teamtype with blinry & Moritz 13:00

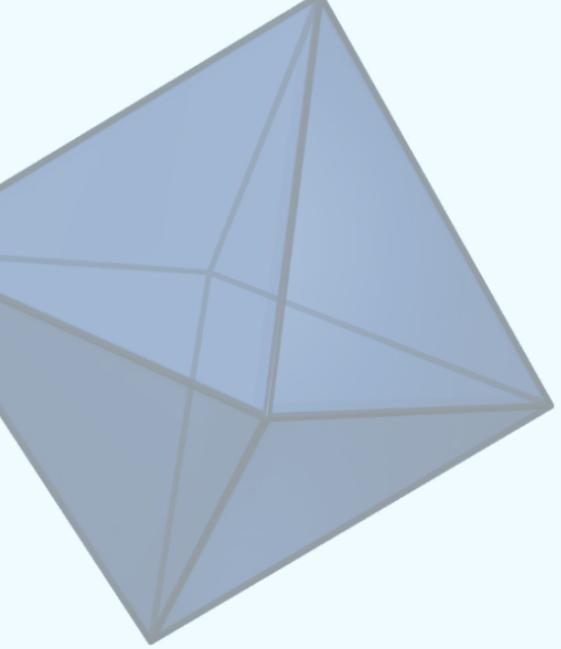
Radicle with Fintan 13:20

Miru with Taye 13:40

Collabora comments with Michael 13:50

SQLRooms with Ilya 15:00

Seed with Eric 16:40



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UX and UI

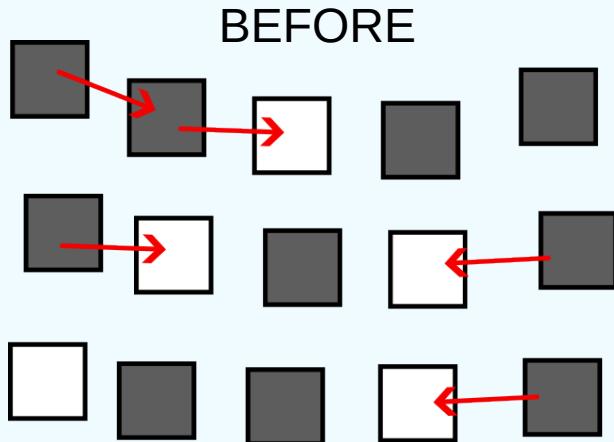
UX with Matt 14:20

UI and La Suite Numérique
with Virgile 14:00

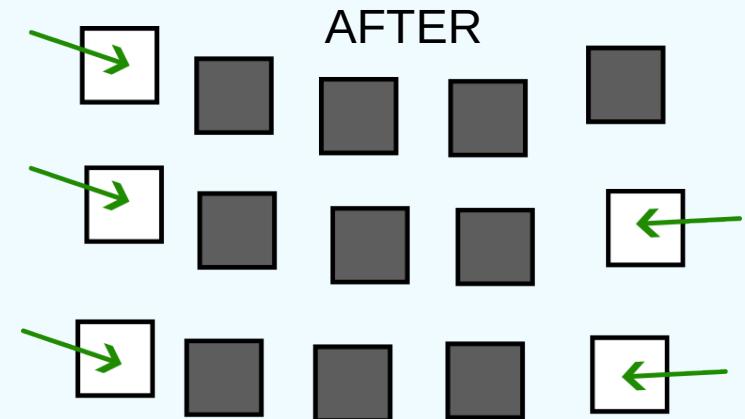


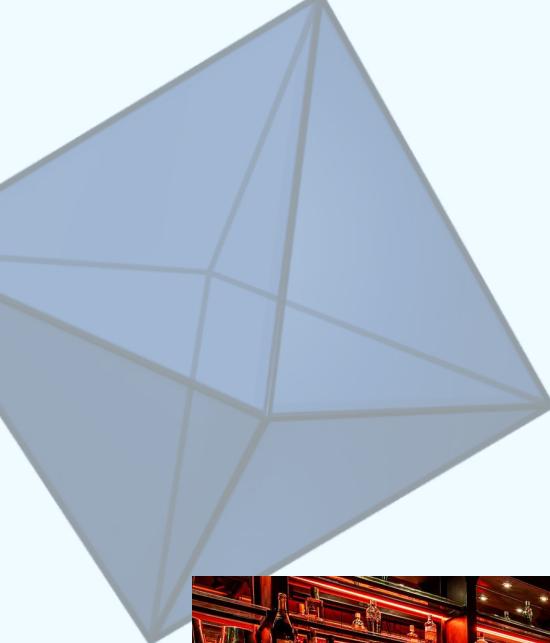
Practical information

- 5 min break between sessions
- Please wait the end of Q&A to start moving
- Please defragment the room



When empty seats in the middle of a row, please move towards the center, so that newcomers can take seats at the extremities



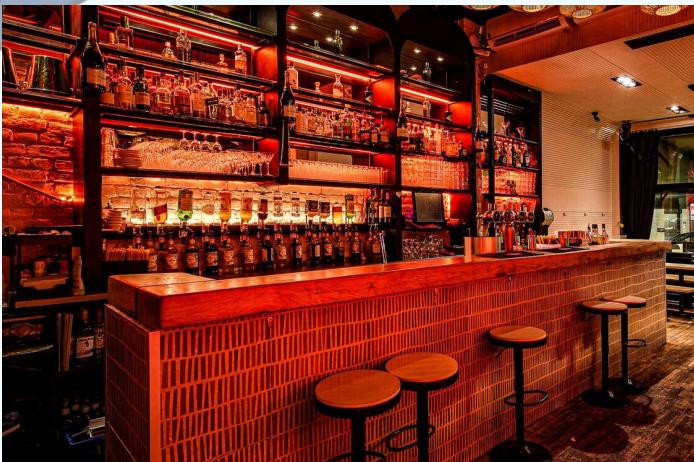


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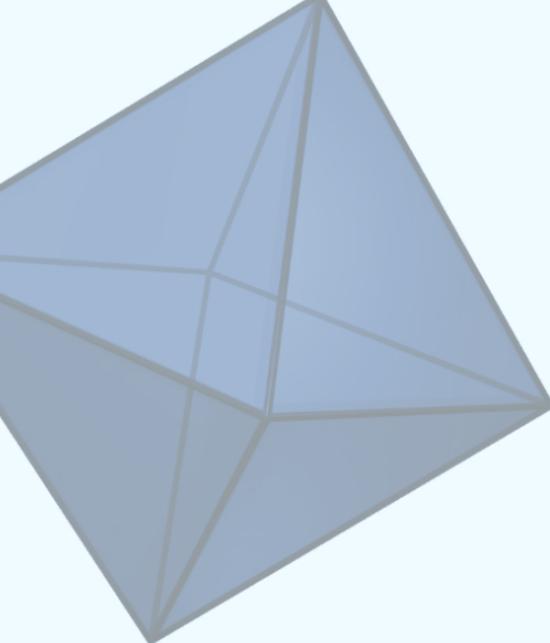
After-party



Join us for some drinks later today starting at 17:30 in a café 10 min walk away from the devroom.



More details on
openlocalfirst.org/blog/after-party/



Local First devroom at FOSDEM'26

OpenLocalFirst.org

- Home for open source Local First communities
- Resource center
- Monthly community calls
- Subscribe to mailing-list and socials
- join #openlocalfirst:matrix.org



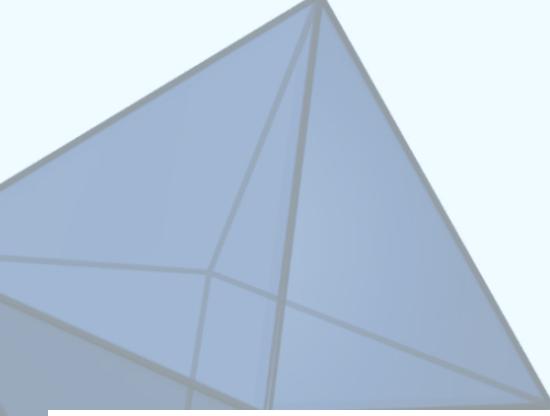
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Questions & Answers



#2026-local-first:fosdem.org

- 5 min long
- Please ask real and short questions
- Remote viewers can ask question via matrix (also if you're in the room)



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Feedback



Speakers



Niko Bonnieure



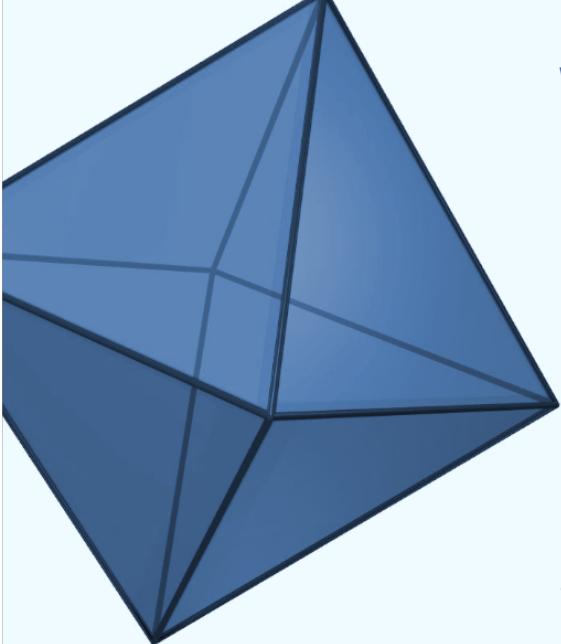
Yousef El-Dardiry

Links

- [Homepage of our devroom, with full program](#)
- [Chat room\(web\)](#)
- [Chat room\(app\)](#)
- [Submit Feedback](#)



- For each talk you can leave feedback
- Go to the page of the talk on [fosdem.org](#) website and click on the link “Submit feedback” at the bottom
- Within few days from now you can also write some general feedback about the devroom, directly on the homepage of FOSDEM website.



**Open
Local
First.org**

**Welcome to the
Local First,
sync engine & CRDTs
devroom at FOSDEM'26**

We are ready to start...

