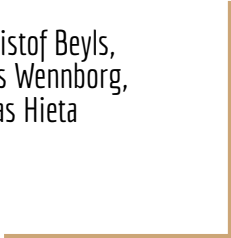# Welcome to the FOSDEM 2026 LLVM dev room!

Organizers:
Marius Brehler, Peter Smith, Kristof Beyls,
Stefan Gränitz, Diana Picus, Hans Wennborg,
Valentyn Yukhymenko, Tobias Hieta

A bit of history

- This is the 12th LLVM dev room.

- First one in 2014; only skipped 2021
  A few different organizers over the years:
  Renato, Sylvestre, Arnaud, Peter, Kristof, Kiran, Marius, and more

- Third time we're running back-to-back with GCC dev room!

Participating/Contributing/starting with LLVM

- Discourse (forum), Discord (interactive chat)

- Office hours, Online sync-ups,

- community calendar

- Getting started issues (281 open today)

- https://llvm.org/docs/GettingInvolved.html

- In-person:
    - socials in many places
    - LLVM developer meetings
    - FOSDEM

- GSoC, Outreachy

- Companies hiring
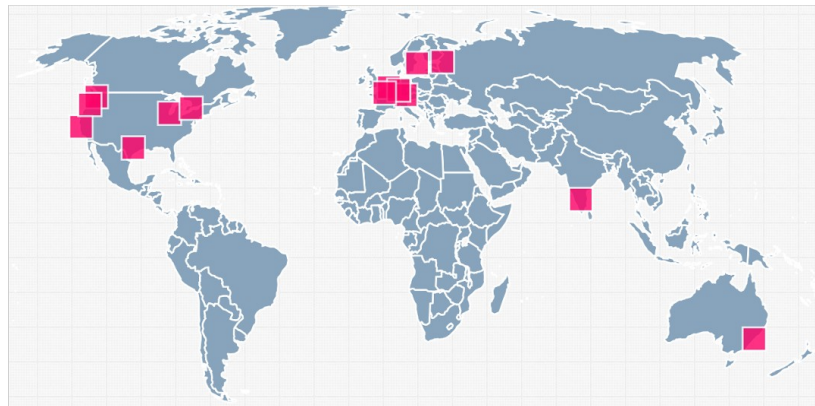
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calendar@llvm.org

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Meetups/Socials - In Person

- Happening in many locations; organized by local people.

- You can organize one yourself. Guidance can be found at https://llvm.org/docs/MeetupGuidelines.html

Some advice for online sync-ups, office hours, in-person meetups

- Anyone can attend. LLVM's Code of Conduct applies.

- OK to "just listen in". That's how most folks get started.
  Getting over the anxiety to "dial in" is the hardest step.
  The hosts are really looking forward to you being there!
  Please don't be shy.

- Listed on community calendar and getting involved page.

- Easier to start your own than you think.
  Office hours hosts are one way to get more guidance,
  next to guidance on "getting involved" page.

- Please spread the word office hours, online sync-ups and
  in-person meetups exist!

https://fosdem.org/2026/schedule/track/llvm/

Welcome to the LLVM dev room	Kristof Beyls, Peter Smith, Marius Brehler	15:00	15:05
Experimenting with the AArch64 Pointer Authentication (PAuth) ABI on bare-metal.	Peter Smith	15:05	15:20
Hot-patching ClickHouse in production with LLVM XRay	Pablo Marcos	15:25	15:45
GPU Offloading in LLVM: Architecture, API, and Plugins	Jan-Patrick Lehr	15:50	16:10
OrcJIT at Scale with the llvm-autojit Plugin	Stefan Gränitz	16:15	16:35
Generating Programmable NPUs from Linalg with MLIR and CIRCT	Josse Van Delm	16:40	17:00
WebAssembly Debugging with LLDB	Jonas Devlieghere	17:05	17:25
llvm-mingw	Martin Storsjö	17:30	17:50
Building Interactive C/C++ workflows in Jupyter through clang-repl	Anutosh Bhat	17:55	18:15
(clang-)Tidying up includes in systemd	Daan De Meyer	18:20	18:40
Zero-sysroot hermetic LLVM cross-compilation using Bazel	Corentin Kerisit, David Zbarsky	18:45	19:00

Remote people can also ask questions: see chat room links

Welcome to the LLVM dev room

A word of welcome by the LLVM Dev room organizers.

Speakers

Kristof Beyls

Peter Smith

Marius Brehler

Links

- Chat room(web)
- Chat room(app)
- Submit Feedback