



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

The screenshot shows a digital calendar interface for January 2026. The days of the week are labeled MA (Monday) through ZO (Sunday). Each day has a list of scheduled events. Some events are highlighted with blue boxes, such as "LLVM 22 branch" on January 13 and "LLVM 22.1.0-rc2" on January 27. The calendar also includes a "Maand" (Month) view at the top right.

Vandaag	<	>	Januari 2026	▼	Maand	▼
MA 29	DI 30	WO 31	DO 1 jan	VR 2	ZA 3	ZO 4
◦ 18:00 ClangIR Up		◦ 16:30 Flang Biwe ◦ 17:30 LLVM + Opti	◦ 16:00 CANCELLER ◦ 16:00 RISC-V LLVM ◦ 17:30 HLSL Work			
5	6	7	8	9	10	11
◦ 16:30 FW: Flang C	◦ 13:00 LLVM Qual ◦ 17:00 Modules di	◦ 13:30 Lifetime Sa ◦ 15:00 LLVM area ◦ 15:00 LLVM/Offic Nog 5	◦ 15:30 OpenMP w ◦ 17:30 HLSL Work ◦ 17:30 Infrastructi	◦ 17:00 Reflection		
12	13	14	15	16	17	18
◦ 15:00 Aaron Ballr ◦ 16:30 Formal spe	LLVM 22 branch		◦ 08:30 Kristof Bev ◦ 15:00 OpenMP ir ◦ 16:30 Flang Biwe Nog 3	◦ 16:00 RISC-V LLVM ◦ 16:00 RISC-V LLVM ◦ 17:00 LLVM libc t ◦ 17:30 HLSL Work	◦ 15:00 Aaron Ballr ◦ 18:00 LLVM libc r ◦ 19:00 Aaron Ballr	
19	20	21	22	23	24	25
◦ 16:30 FW: Flang C		◦ 17:00 Modules di ◦ 17:30 Libc++ Mor ◦ 17:30 Libc++ Mor ◦ 19:00 LLVM Secu	◦ 00:30 Office hot ◦ 13:30 Lifetime Sa ◦ 15:00 LLVM area ◦ 16:30 Flang Biwe Nog 4	◦ 15:30 OpenMP w ◦ 17:30 HLSL Work ◦ 17:30 Infrastructi ◦ 18:00 LLVM Mem	◦ 17:00 Reflection	
26	27	28	29	30	31	1 feb
◦ 16:30 Formal spe ◦ 18:00 ClangIR Up ◦ 18:00 LLVM Point	LLVM 22.1.0-rc2		◦ 08:30 Kristof Bev ◦ 15:00 OpenMP ir ◦ 16:30 Flang Biwe Nog 3	◦ 16:00 RISC-V LLVM ◦ 16:00 RISC-V LLVM ◦ 17:00 LLVM Embri ◦ 17:30 HLSL Work	◦ 18:00 LLVM libc r ◦ 14:00 FOSDEM L	

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- [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](#)

Participating/Contributing/starting with LLVM

The screenshot shows a digital calendar interface for January 2026. The days of the week are labeled at the top: Vandaag (Today), MA 29, DI 30, WO 31, DO 1 jan, VR 2, ZA 3, and ZO 4. Below these are the dates 5 through 18. Each date cell contains a list of LLVM-related events. A red box highlights the event on January 31st: "14:00 FOSDEM L". The calendar also shows some specific LLVM releases: "LLVM 22.1.0-rc1" on January 16th and "LLVM 22.1.0-rc2" on January 27th.

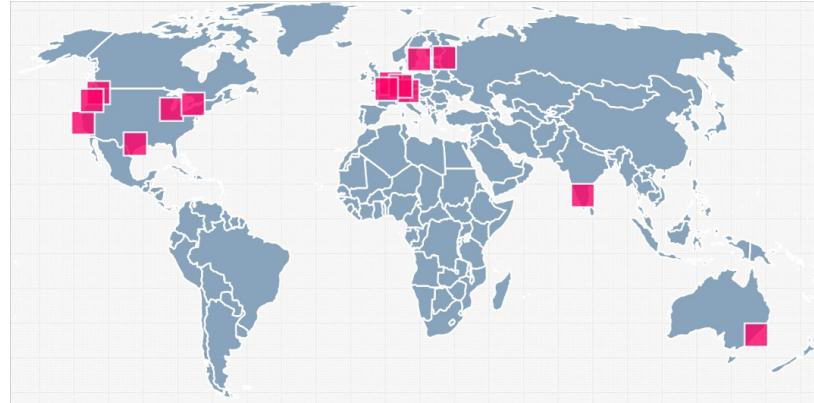
Vandaag	MA 29	DI 30	WO 31	DO 1 jan	VR 2	ZA 3	ZO 4
	◦ 18:00 ClangIR Up		◦ 16:30 Flang Biwe ◦ 17:30 LLVM + Opt	◦ 16:00 CANCELLATION ◦ 16:00 RISC-V LLVM ◦ 17:30 HLSL Work			
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Meetups/Socials - In Person

- 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!

LLVM community calendar

Vandaag							oktober 2024					Volgende week		
Zo	Ma	Du	Wo	Do	Vr	Za	Afdrukken	Week	Maand	Agenda	5			
29	30	1 okt	2	3	4	5								
15:30 FW: Flang Comm 16:00 Renato Office Hc 16:30 LLVM/Offload -- 16:00 OpenMP work fo 16:00 LLVM MLGO Sync	16:00 Anastasia's LLVM 14:30 classic flang tec 16:00 MLIR Open Meet	16:30 Libc++ + Monthly 16:00 Clang C/C++ + La 16:00 HLSL Working Gi	18:00 New Contributor 16:00 LLVM Office Hour	18:00 New Contributor	2 extra									
6	7	8	9	10	11	12								
16:00 MLIR C/C++ + Fro 16:30 Alina Sibilea - O 07:30 Kristof Beijls LLVM 16:00 RISC-V LLVM syr	17:00 LLVM Pointer Auf 16:00 New Contributor 14:00 OpenMP in LLVM 16:00 RISC-V LLVM syr	17:00 MemorySSA in L 16:00 New Contributor 14:00 OpenMP in LLVM 16:00 LLVM Embedded	16:30 LLVM + OpenMP 16:00 LLVM Open-Sour	16:00 LLVM + Open-Sour										
13	14	15	16	17	18	19								
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20	21	22	23	24	25	26								
01:00 LLVM Bay Area N 15:30 Flang Biweekly S 16:00 RISC-V LLVM syr	16:00 New Contributor 16:30 LLVM + OpenMP 16:00 RISC-V LLVM syr	18:00 New Contributor 16:30 Amara Emerson 16:00 [CANCELLED] FOI	17:00 LLVM SPR-V Ba 16:00 MLIR Open Meet	17:00 LLVM SPR-V Ba 16:00 MLIR Open Meet										
27	28	29	30	31	1 nov	2								
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Evenementen worden getoond in tijdszone: Gecoordeerde wereldtijd

+ Google Agenda

<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
	lld-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