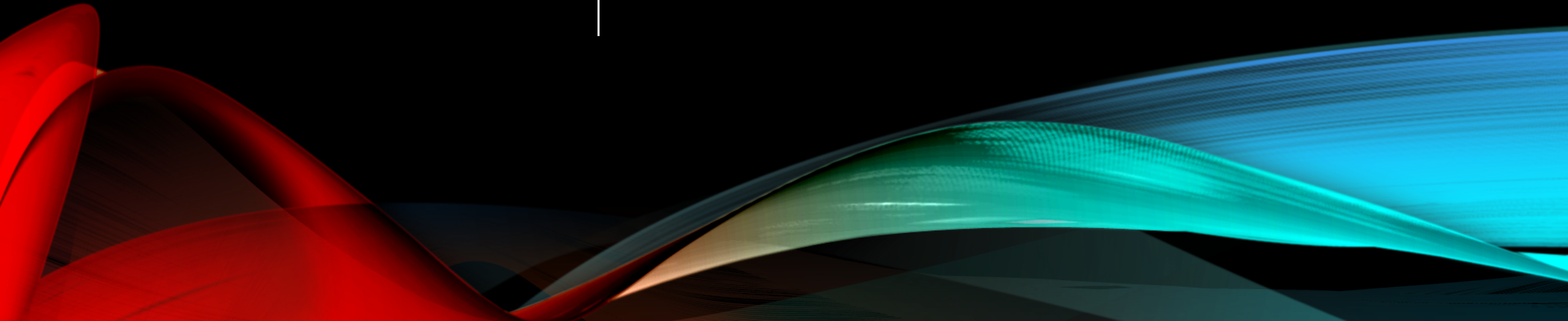


Kristof Beyls
EuroLLVM 2022

LLVM OFFICE HOURS



TOP 3 ISSUES HINDERING INCREASED ENGAGEMENT IN AND CONTRIBUTIONS TO THE LLVM COMMUNITY

As gathered from 450 attendees of the 2021 LLVM dev meeting:

1. Sometimes people aren't receiving detailed enough feedback on their proposals.
2. People are worried to come across as an idiot when asking a question on the mailing list/on record.
3. People cannot find where to start; where to find documentation; etc.



https://www.youtube.com/watch?v=uORjOwuSG_M

ONE OF THE POSSIBLE SOLUTIONS: “OFFICE HOURS”

- What is it?
 - Have people with some experience in LLVM or a specific area make themselves available.
 - Term comes from – I think – Anglo-Saxon academic system: professors making themselves available at given time for any student/any question.
 - I think of it as an “Ask-my-Anything” by experienced LLVM contributors/users.
 - An opportunity to talk 1-1 with other LLVM people without needing to travel to a developers meeting.
 - “There are no stupid questions”
 - A form of mentoring?
- Is this the best name for the concept? – let me know your thoughts

CURRENTLY DOCUMENTED AT

[HTTPS://LLVM.ORG/DOCS/GETTINGINVOLVED.HTML](https://llvm.org/docs/GettingInvolved.html)

[#OFFICE-HOURS](#)

Office hours

A number of experienced LLVM contributors make themselves available for a chat on a regular schedule, to anyone who is looking for some guidance. Please find the list of who is available when, through which medium, and what their area of expertise is. Don't be too shy to dial in!

Of course, people take time off from time to time, so if you dial in and you don't find anyone present, chances are they happen to be off that day.

LLVM office hours

Name	In-scope topics	When?	Where?	Languages
Kristof Beyls	General questions on how to contribute to LLVM; organizing meetups; submitting talks; and other general LLVM-related topics. Arm/AArch64 codegen. LLVM security group.	Every 2nd and 4th Wednesday of the month at 9.30am CET, for 30 minutes. ics	Jitsi	English, Flemish, Dutch
Alina Sbirlea	General questions on how to contribute to LLVM; women in compilers; MemorySSA, BatchAA, various loop passes, new pass manager.	Monthly, 2nd Tuesdays, 10.00am PT/7:00pm CET, for 30 minutes. ics gcal	GoogleMeet	English, Romanian
Aaron Ballman	Clang internals; frontend attributes; clang-tidy; clang-query; AST matchers	Monthly, 2nd Monday of the month at 10:00am Eastern, for 30 minutes. ics gcal	GoogleMeet	English, Norwegian (not fluently)
Johannes Doerfert (he/him)	OpenMP, LLVM-IR, interprocedural optimizations, Attributor, workshops, research, ...	Every 2 weeks, Wednesdays 10:30am (Chicago Time), for 1 hour. ics	MS Teams	English, German
Tobias Grosser	General questions on how to contribute to LLVM/MLIR, Polly, Loop Optimization, FPL, Research in LLVM, PhD in CS, Summer of Code.	Monthly, last Monday of the month at 18:00 London time (typically 9am PT), for 30 minutes.	Video Call	English, German, Spanish, French

EXPERIENCE SO FAR

- Very low cost for hosts to make themselves available.
 - If no-one dials in, you can just continue doing other work.
 - If someone does dial in, there is substantial value in the conversation for the host too.
- Very few people dialing in so far
- What can we do to achieve more conversations to actually happen?
 - Advertise the existence of Office Hours.
 - Chicken-and-egg: was waiting for more critical mass to make more noise about it.
 - Please share your ideas at the round table this afternoon.

HOW CAN YOU HELP?

- Volunteer for hosting an office hour
 - Not necessary to be a deep expert in a specific area
- Don't be shy in calling in to an office hour
 - The hosts are looking forward to having a conversation
- Help advertising
 - Word-of-mouth
 - We should probably use Discourse
 - Make LLVM Office hours clearly visible on llvm.org home page?
- Share your ideas at the round table.