



Welcome to the FOSDEM 2022 Ada DevRoom

In cooperation with Ada-Europe and Ada-Belgium

Thank you

To all the collaborators

- Dirk Craeynest
- Jeffrey R. Carter
- Ludovic Brenta
- Tama McGlinn

And the speakers!

- 12 Authors
- 8 countries!

And the FOSDEM Team!

In cooperation

Ada-Europe

Ada-Belgium





The International Language for Software Engineering





For more information, visit this event entry @ FOSDEM!

Short personal introduction

Major contributions to Ada

- Ada-Scheme interop
- Updated GCC-Ada in NetBSD (running on powerpc too!)
- Ada on RISC-V on an FPGA
- Trying to grow the community :)

Master student

- Mechanical Engineering (TUM)
- Industrial Engineering (ICAI)

Currently finishing the Thesis at the Max-Planck IPP Mostly thermo-hydro-mechanics and Fortran!

Fernando Oleo Blanco

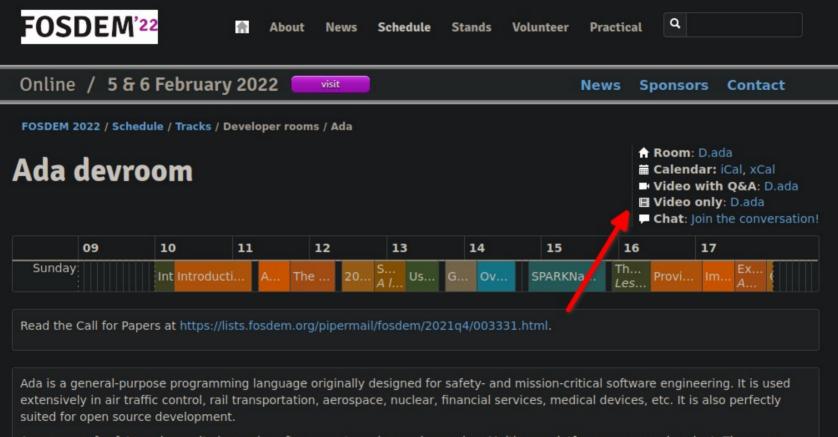


https://irvise.xyz irvise@irvise.xyz

FOSDEM online!

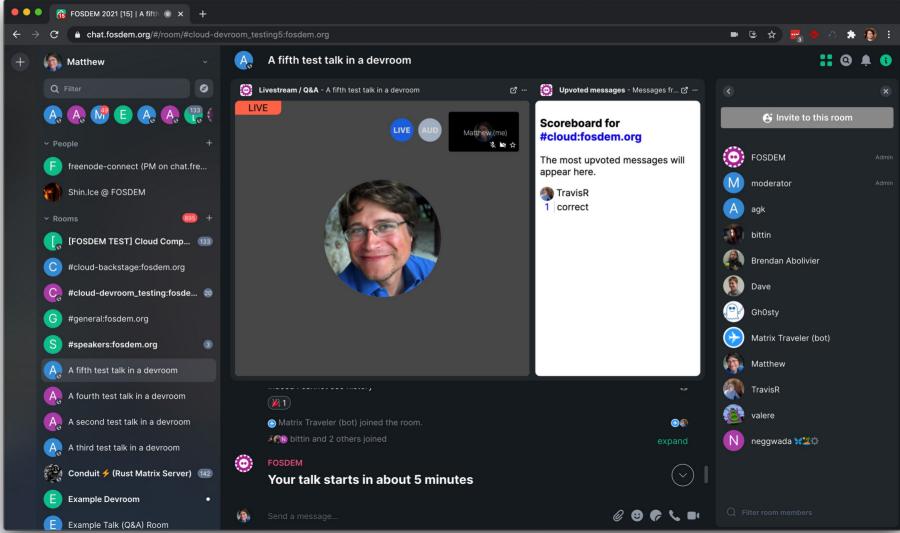
- How does it work?
- How do I ask questions?
- How do I talk to the speakers?
- Are beers included?

The Webpage



Awareness of safety and security issues in software systems is ever increasing. Multi-core platforms are now abundant. These are some of the reasons that the Ada programming language and technology attracts more and more attention, among others due to

The interface



The interface

this is honestly the first time i have se and i have seen it _alot_	en any bit of big buck bunny wit	th audio			Ð	⊌ (© (5₿	€)) TJ	[<i>ID</i> 2	
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The Bot/Manager



Up next: A third test talk in a devroom

Ask your questions here for the Q&A at the end of the talk.



FOSDEM 😳 Q&A is starting shortly

Feel free to continue asking questions for the speakers - the conversation will continue in the hallway after the Q&A.



Schedule

Program overview:

- Introduction to the Ada DevRoom, by Fernando Oleo Blanco, Germany
- Introduction to Ada for Beginning and Experienced Programmers, by Jean-Pierre Rosen, France
- Ada Looks Good, Now Program a Game Without Knowing Anything, by Stefan Hild, Germany
- The Ada Numerics Model, by Jean-Pierre Rosen, France
- 2022 Alire Update, by Fabien Chouteau, France, Alejandro Mosteo, Spain
- SweetAda: Lightweight Development Framework for Ada-based Software Systems, by Gabriele Galeotti, Italy
- Use (and Abuse?) of Ada 2022 Features to Design a JSON-like Data Structure, by Alejandro Mosteo, Spain
- Getting Started with AdaWebPack, by Max Reznik, Ukraine
- Overview of Ada GUI, by Jeffrey Carter, Belgium
- SPARKNaCl: a Verified, Fast Re-implementation of TweetNaCl, by Roderick Chapman, UK
- The Outsider's Guide to Ada: Lessons from Learning Ada in 2021, by Paul Jarrett, USA
- Proving the Correctness of the GNAT Light Runtime Library, by Yannick Moy, France
- Implementing a Build Manager in Ada, by Stephane Carrez, France
- Exporting Ada Software to Python and Julia, by Jan Verschelde, USA
- Closing of the Ada DevRoom, by Dirk Craeynest, Belgium, Fernando Oleo Blanco, Germany

Have fun!

Make some questions so that I can see if the system is working!

- Beer is not included :(
 - You have to bring your own
 - There is at least a beer emoji