

FOSDEM 2025

Ada DevRoom



Program

- Introductory Talks

- ▶[Welcome to the Ada DevRoom](#)
- ▶[Updates on the Ada Ecosystem](#)
- ▶[Get started with Ada in 2 minutes or less!](#)

- Technical Talks

- ▶[Understanding liquid types, contracts and formal verification with Ada/SPARK](#)
- ▶[The state of Rust trying to catch up with Ada](#)
- ▶[Multiword Arithmetic and Parallel Computing](#)

- Projects Presentations

- ▶[Advent of Compression: writing a working BZip2 encoder in Ada from scratch in a few days](#)
- ▶[Ada and Mini-Ada: a solution to the two-language problem](#)
- ▶[Cryptography in SPARK: building the foundation with constant-time bigints](#)
- ▶[Developing device drivers for Ironclad using Ada](#)
- ▶[AdaBots - programmable Minetest bots](#)

Acknowledgements



Ada-Belgium – Ada-Europe

- Non-profit organizations set up to promote use of Ada language and technology
- Ada-Belgium: similar orgs in Denmark, France, Germany, Spain, Switzerland
- Ada-Europe: historically federation of national orgs + indirect members, later also direct membership in other countries



Ada-Europe main activities

- Annual conference series: *Ada-Europe international Conference on Reliable Software Technologies (AEiC)*
- Quarterly publication: *Ada User Journal (AUJ)*, paper and online
- Support of Ada language evolution and standardization process: *ISO/IEC JTC1 SC22 WG9*





AEiC 2025

Ada-Europe International Conference
on Reliable Software Technologies

<https://www.ada-europe.org/conference2025>

June 10-13 2025, Paris, France
at École des Mines de Paris

More info & pointers

- See 2-page flyer on this talk's web-page [Welcome to Ada Developer Room at FOSDEM](#) for more on activities and membership
- Enjoy this 12th Ada Developer Room!
- Get your “Ada coin” sticker! (offered by Ada-Belgium)

