

# G-Node Goes to FOSDEM

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## Free and Open Source Software Developers' European Meeting



Since 2001

*'[...] a two-day event organised by volunteers to promote the widespread use of free and open source software.'*

FOSDEM about page

- ▶ When: First weekend of February (every year)
- ▶ Where: ULB Campus du Solbosch Av. F. D. Roosevelt 50 1050 Bruxelles Belgium (every year)
- ▶ Registration: Free, no registration necessary (every year)
- ▶ Size: 8000+ estimated attendees (and growing (every year)), 678 lectures in 2 days

# Motivation and rationale

Brussels

1. Beer ●
2. Chocolate ●
3. Meeting FOSS developers
4. Attending talks on FOSS

For updates and inspiration for our own projects.

# Motivation and rationale

## Conference

### The serious reasons

- ▶ Learn about advances in programming languages and technologies
- ▶ Devrooms (tracks) dedicated to languages and technologies we use:
  - ▶ Go devroom: Perhaps the most popular room this year •
  - ▶ Python main track •
- ▶ General interest devrooms:
  - ▶ Community devroom: Engaging with project communities to build better software
  - ▶ Hardware Enablement devroom: Improving Linux hardware support (with a *fascinating* talk by the infamous *Christian Kellner*)
- ▶ Meeting people:
  - ▶ Collaborators
  - ▶ Developers and maintainers of projects we use and find interesting •

# FOSDEM overview

## General Highlights and Topics

### Main tracks

Track	Saturday	Sunday
Community	-	K.1.105 (La Fontaine)
History	Janson	-
Miscellaneous	K.1.105 (La Fontaine)	K.1.105 (La Fontaine)
Performance	Janson	-
Python	K.1.105 (La Fontaine)	-
Security and Encryption	-	Janson
Space	-	Janson
Global Diversity CFP Day	J1.106	J1.106, K.Level.2

### Developer rooms

- Ada
- BSD
- CAD and Open Hardware
- Community devroom
- Config Management
- Containers
- DNS
- Debugging tools
- Decentralised Internet and Privacy
- Distributions
- Embedded, mobile and automotive
- Free Java
- Geospatial
- Go
- Graph Processing
- Graphics
- HPC, Big Data, and Data Science
- Hardware Enablement
- Identity and Access Management
- Internet of Things
- LLVM Toolchain
- Legal and Policy Issues
- Microkernels
- Monitoring and Cloud
- Mozilla
- MySQL and Friends
- Open Document Editors
- Open Media
- Open Source Design
- Package Management
- Perl Programming Languages
- PostgreSQL
- Real Time Communications
- Retrocomputing
- Rust
- SDN and NFV
- Software Defined Radio
- Software Defined Storage
- Source Code Analysis
- Testing and automation
- Tool the Docs
- Virtualization and IaaS

# FOSDEM overview

## Other events

- ▶ Linux and FOSS Certification exams
- ▶ Fringe events: Independently organised peripheral events
  - ▶ Great for in-depth conversations about specific projects or topics
- ▶ Lightning talks: Mostly scheduled but often allow last-minute additions about various topics
- ▶ Booths and exhibitions
  - ▶ Popular open source projects and distributions ●
  - ▶ Community booths ●
  - ▶ Merch & Swag ●

# Go there

Here's why

- ▶ Talks that might be interesting for your work
- ▶ Meet developers of projects you are using (or plan to use)
- ▶ Expand your horizons: Discover new projects and tools that could be useful for you
- ▶ Show off your own (hardware) projects: Get developers interested and turn them into contributors
- ▶ Host your own devroom (e.g., FOSS research tools and methodologies)
- ▶ Free coffee, from GitHub with love ●
- ▶ SUPPORT FREE OPEN SOURCE SOFTWARE (because it supports you)



# FOSDEM Survival Guide

## Tips & Tricks

- ▶ Plan ahead: True for any conference, but FOSDEM tends to be slightly busier •
- ▶ On the other hand, all talks are streamed live and archived [<https://fosdem.org/2018/schedule/events/>]
  - ▶ Archived talks are available from previous years
  - ▶ Yes, you *can* stream talks from home, but you can't ask questions or discuss issues with the speakers/community
- ▶ Several companion apps available for iOS & Android: Support scheduling, bookmarking, map, and room availability
- ▶ Stay in one room if interested in a future talk; you might not be able to get in if you leave (varies by topic)
- ▶ Make sure your EDUROAM account is working! The conference provides free WiFi, but the university's Eduroam network is much more reliable
- ▶ Enjoy and have fun

THANK YOU FOR YOUR ATTENTION  
SEE YOU IN BRUSSELS NEXT YEAR

### Resources

- ▶ FOSDEM 2018: <https://fosdem.org/2018>