

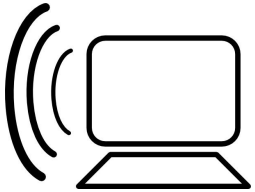
September 2 - 4, 2026

in Grenoble, France
& Online

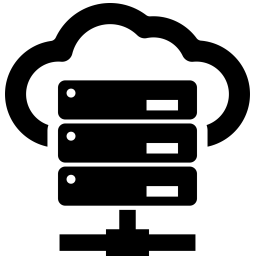
Deep Edge
(Embedded)



Edge



Cloud



Microcontrollers

256kB RAM, 64MHz, 32-bit
(often less)

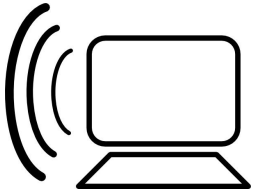
Microprocessors

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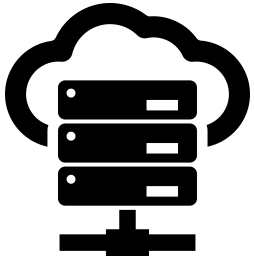
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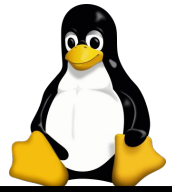
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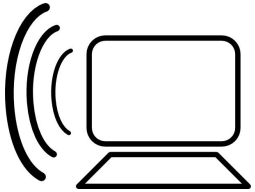
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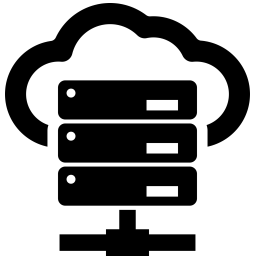
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Edge

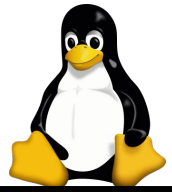


Cloud



RIOT aims to answer this!!





Microcontrollers

256kB RAM, 64MHz, 32-bit (often less)

Microprocessors

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Some Stats (since RIOT Summit 2025)

- Four Releases
- **602 PRs** merged (43 closed issues)
- More than **30 people** have contributed
- Proudly removed more than **1 million** LoC ;)

Special thanks to release managers !!
@MrKevinWeiss, @AnnsAnns, @leandrolanzieri, @benpicco

Latest Features (since RIOT Summit 2025)

Hardware

- Added support for **~15 more boards**
- Support for **ESP32-C6 RISC-V WiFi**
- Added support for RP2350 (**Raspberry Pi Pico 2**)
- Improved **hardware mocking** on native

Latest Features (since RIOT Summit 2025)

System & Security

- Annotations for **compile time boundary checks**
- Added **XIPFS** package (to execute code from flash)
- New **Walltime** module
- Adding ANS **Forth** interpreter
- Way **faster** default implementation for **crypto primitives**

Latest Features (since RIOT Summit 2025)

Networking

- Decouple **nanocoap** from its **transport**
- Adding BPv7 (Bundle Protocol v7) for **DTN**
- Introducing a **`hosts` file** for static mapping of hostnames to IP addresses

Documentation & Community

- Changing the default documentation to the steadily growing **Guide page**
- Synchronizing to a **Codeberg** mirror
- Added an **AI policy** to the contribution guidelines

Speakers!



Olivier Seller

Keynote



Paul Pinault



Bastien Buil



Michel Rottleuthner



Gilles Doffe



Gregory Guche



Didier Donsez



Marc Sanchez



Charlélie Pignol



Anne Marie Chana



Christian Amsüss



Nicolas Albarel



Jakob Hermanowski



Lukas Luger



Marius Trappe



Tom Hert



Muhammad Usama Sardar

Agenda Day 1

Morning – RIOT Tutorial & General Assembly

(Lunch break)

14:00 – Session 1: Wireless Network

(Coffee)

16:00 – Session 2: Applications

18:00 – Wrap-up & planning of Day 2 break-out sessions

(Social)

Agenda Day 2

09:00 – Breakout Sessions

11:00 – Keynote: Olivier Seller, SemTech:
"Why is IoT taking so long? Challenges & Future Directions"

(Lunch)

13:30 – Session 3: Security

16:00 – Session 4: System

18:00 – Session 5: Space & Community

Day 3: Hackathon! (Location: Fablab FabMSTIC)

Breakout pad for Day 2

Hackathon pad for Day 3

Social media

https://floss.social/@RIOT_OS

Use **#RIOTSummit**

Actually being social!



Read & respect our Code of Conduct

Contact points: Oleg, Martine, conduct@riot-os.org

And… the Social!

- 18:00 - 20:00 Prise de la Bastille!
  - Gorgeous view of Grenoble, valley, maybe even of the Mont-Blanc (weather permitting)
- 30min *easy* hike
  - (~300m altitude difference, but 100% free of charge ;)
  - starting point:



(Alternatively: 5min cable-car bubble up, 9Eur tix)

And… the Social!

- Cocktail @ Le Minimistan
  - Biergarten
  - Private space reservation
  - Location: Rue des Minimes Cour Marcel Reymond, 38000 Grenoble



Cameroon Chapter This Year

Collaboration between UGA and University of Yaoundé

- Research lab;
- IoT fabl;

Core activities dedicated to IoT in Africa

Cluster of students attend online as we speak!





Thanks to all involved…

❤️

Special thanks to local chair Didier Donsez!!

Thanks to all involved…

❤️

Special thanks to local chair Didier Donsez!!

Enjoy the Summit!

Made possible with the support of

UGA Université Grenoble Alpes

Schneider Electric

TECHNISCHE UNIVERSITÄT DRESDEN

Inria

DM91.tech

SMILE CREATING IMPACT TOGETHER

La Région Auvergne-Rhône-Alpes

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Hochschule für Angewandte Wissenschaften Hamburg
Hamburg University of Applied Sciences