

RIOT Summit Report [now and then]

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[@RIOT_OS](https://twitter.com/RIOT_OS)



riot-os.org



<https://github.com/RIOT-OS/RIOT>



50 Billions
(mainly microcontrollers)

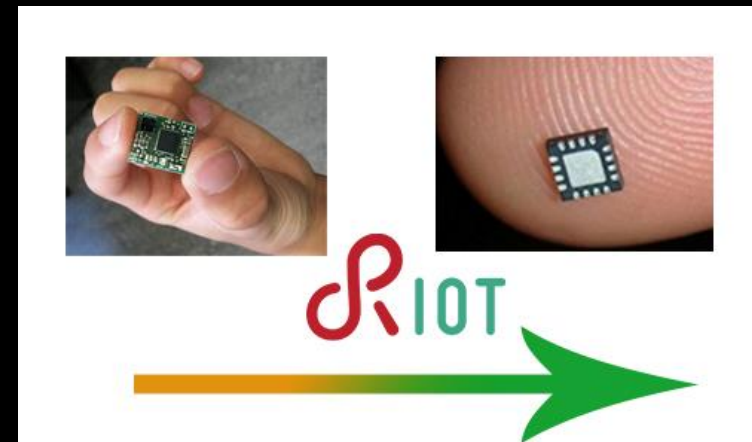
Many faces of the IoT

High-end IoT



Processor: GHz, 32/64 Bit
Memory: M/Gbytes
Energy: Watt
Network access: 5G, WLAN

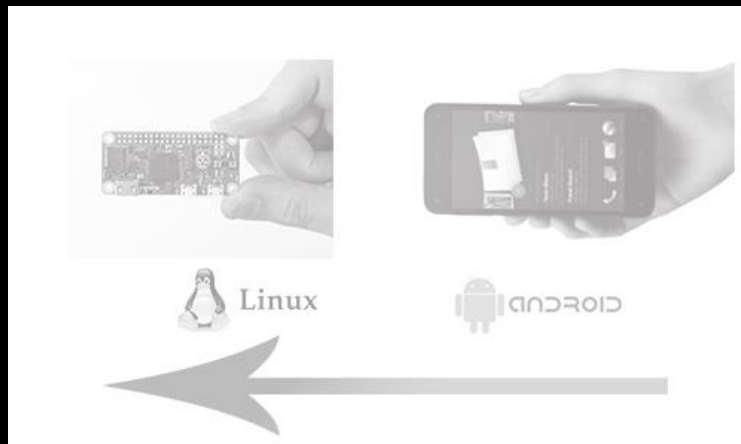
Low-end (or constrained) IoT



Processor: MHz, 8/16/32 Bit
Memory: kbytes
Energy: MWatt
Network access: 802.15.4, BLE

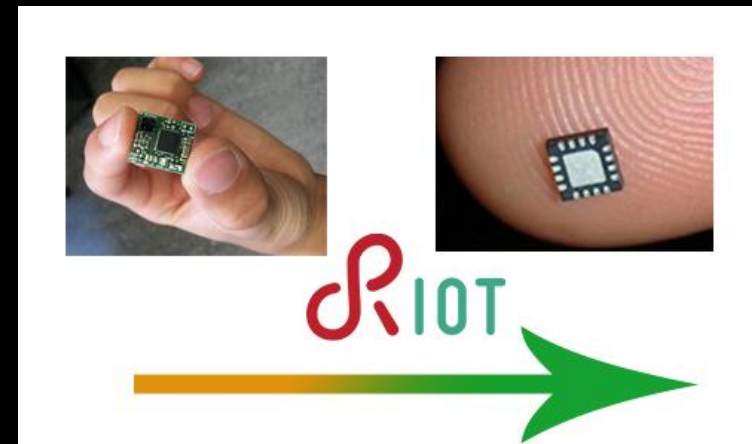
If your IoT device cannot run Linux, run RIOT!

High-end IoT



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Low-end (or constrained) IoT



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RIOT community grows continuously



RIOT Summit

September 13 - 14, 2018

<http://summit.riot-os.org/2018/>

3rd get-together of the friendly Operating System
for the Internet of Things
Amsterdam, Netherlands



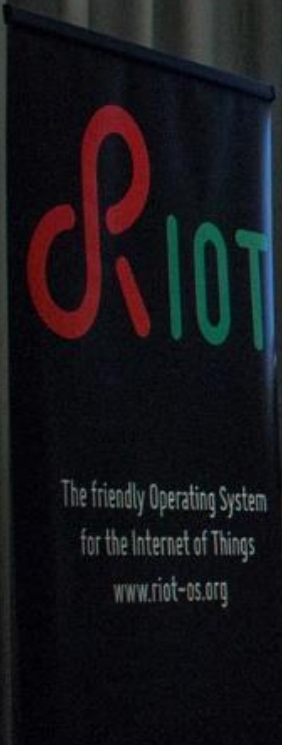


~90 participants from
Europe, US, and Asia

No participation fees



Keynote by Jaime Jiménez (Ericsson)



YOU GET CONNECTED!

AND YOU GET CONNECTED!

EVERYTHING GETS CONNECTED!

imgflip.com

12 talks about
IoT networking,
IoT applications,
IoT security,
and ethics

RIoT

Multiple demos
showing RIOT
in action



Beginner and
maintainer tutorials

4 breakout sessions on
testing, configuration,
OTA, and PRs.

The logo for R.IOT, featuring a stylized red 'R' followed by 'IOT' in green.

The friendly Operating System
for the Internet of Things
www.riot-os.org





Much more discussions!

A scenic rooftop BBQ at sunset. In the foreground, a man with curly hair in a grey shirt is talking to a man in a dark shirt who is holding a drink and has a name tag. They are behind a chain-link fence. In the background, there's a city skyline with a prominent building and construction cranes under a golden sunset sky. String lights are visible at the top of the frame.

A scenic BBQ



A scenic BBQ

RIPE Labs report about RIOT Summit 2018

The screenshot shows the RIPE NCC website interface. At the top left is the RIPE NCC logo and name. To the right is a search bar with the text "Search IP Address or ASN" and a "Login" link. Below the search bar is a navigation menu with items: "Manage IPs and ASNs", "Analyse", "Participate", "Get Support", "Publications", and "About Us". The "Publications" menu item is highlighted. Below the navigation menu is a breadcrumb trail: "You are here: Home > Publications > RIPE Labs > Martine Sophie Lenders > RIOT in Amsterdam". On the left side, there is a sidebar menu with items: "RIPE Labs", "Data Repository", "Security", "RIPE NCC Statistics", "RIPE Database", "RIPE Atlas", "RIPEstat", "About", "Network Operator Groups", "Content by this author", "RIOT in Amsterdam", and "View all". The "Content by this author" item is highlighted. The main content area displays the title "RIOT in Amsterdam" by Martine Sophie Lenders, dated 15 Oct 2018. The text describes the RIOT Summit as a yearly get-together for the IoT community, mentioning its location in Amsterdam in September 2018. Below the text is a section titled "Background and Overview" which describes RIOT as a free and open source operating system for the IoT, aimed at low-power devices and microcontrollers. On the right side of the article, there are social media sharing buttons for "Tweet" and "Share 8", along with a thumbs up/down icon and the text "0 likes, 0 dislikes".

https://labs.ripe.net/Members/martine_sophie_lenders/riot-in-amsterdam

Interested in joining?

RIOT Summit

September 5 - 6, 2019
Meet in Helsinki!

We already support the Summit!



Get involved too!

<https://summit.riot-os.org/>

RIOT