

Simplicity SDK for Zephyr

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2026
tech talks
WEBINAR SERIES



ZEPHYR™

SPEAKER



SAI ANANYA TUNGATURTHI
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Q&A PANEL



MATT GORDON
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MANAGER



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SOFTWARE
ENGINEERING MANAGER



JOHAN HEDBERG
STAFF SOFTWARE
DEVELOPMENT ENGINEER



Introduction to Zephyr

Governance



Open-Source LF Project Governed by 40+ Member Companies

PLATINUM

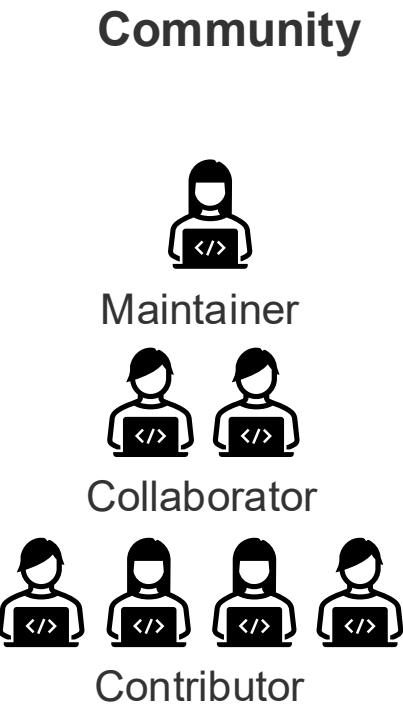


Abitzen Xavier
Governing Board Chair, Zephyr
Staff Product Manager, Silicon Labs

SILVER

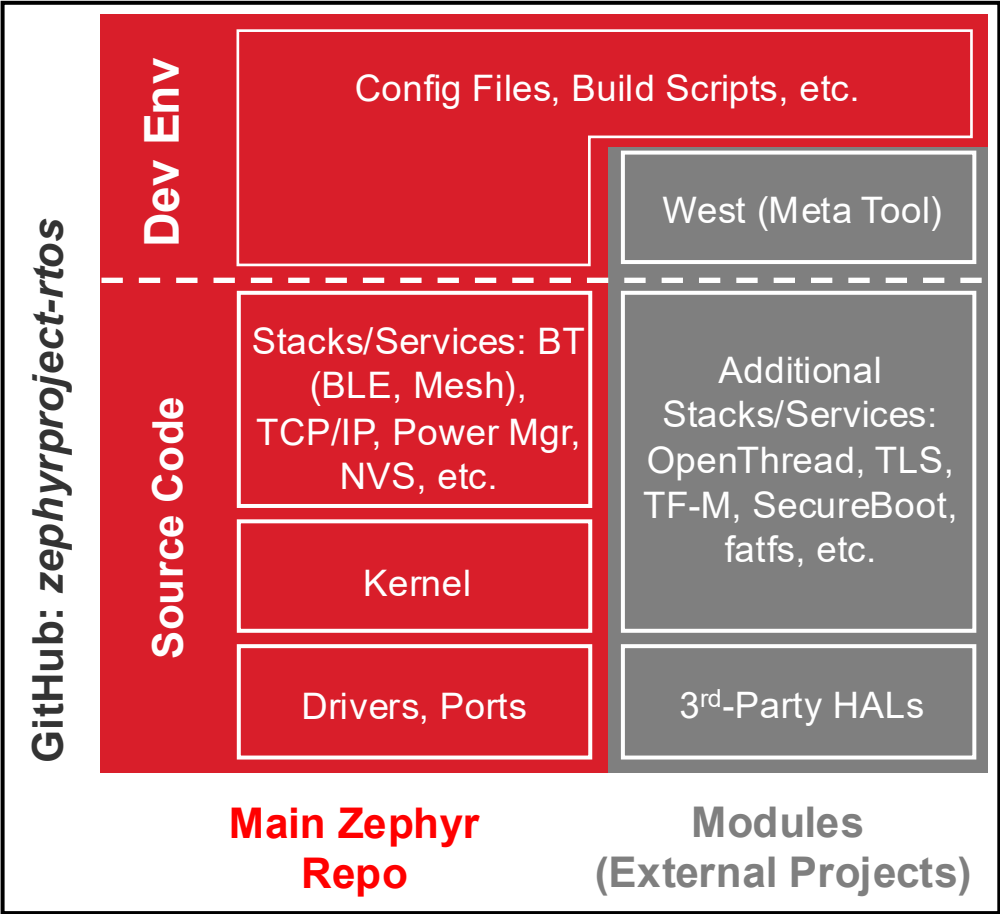


Introduction to Zephyr



Contributions from 3000+ Developers

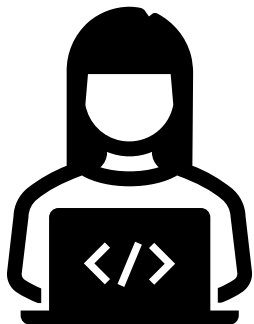
Professional Development Process w/ Code Reviews, CI, LTS Releases, Safety & Security Audits, Bluetooth Qualification



Why Zephyr matters

FOR DEVELOPERS

- Familiar Silicon Labs hardware abstraction with Zephyr's open RTOS
- Faster bring-up using:
 - Pre-validated BSPs
 - Optimized drivers and peripherals
 - Known Simplicity workflows
- Less friction moving between bare-metal / Gecko SDK and Zephyr project



FOR CUSTOMERS

- Lower adoption risk for Zephyr-based products
- Production-ready integration, not community-only support
- Faster time-to-market with validated reference designs
- Long-term maintainability via upstream Zephyr alignment
- Freedom to scale products without vendor lock-in



Reduced Risk



Faster
Time-to-Market



Long-Term
Support



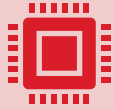
Flexibility

FOR SILICON LABS

- Extends platform strategy beyond proprietary stacks
- Attracts Zephyr-native developers to Silicon Labs silicon
- Strengthens positioning as an open, ecosystem-friendly vendor



Freedom to choose the right Development Model



Meet developers where they are

Support both low-level embedded experts and RTOS-based software teams without forcing a single workflow



Optimize for performance or system scale

Bare metal enables maximum control and efficiency, while Zephyr accelerates development of complex, connected applications



Reduce adoption risk and lock-in concerns

Customers can start simple and scale software complexity over time on the same hardware platform



Accelerate time-to-market across use cases

Choose the fastest path for each product, from deterministic real-time designs to feature-rich IoT systems

Upcoming Engagement Opportunities

WHAT	WHERE	WHEN
Embedded World	Silicon Labs Booth: 4A-128 & 4A-129 Zephyr Booth: Hall 4 – Stand 170	March 10-12
Zephyr Project Meetup	Rennes, France – Le Pool	March 26

COME SEE ZEPHYR
IN ACTION



REGISTER NOW

