



# **Zephyr<sup>®</sup>** Project

Developer Summit 2022

June 8-9, 2022

Mountain View, CA + Virtual



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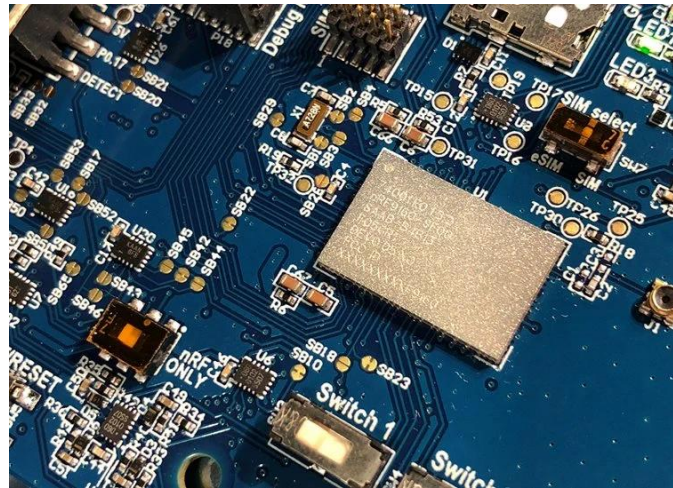
# Zephyr as the foundation for a microcontroller SDK

In 2016, Nordic Semiconductor is about to launch an LTE-M module along side Bluetooth® Low Energy SoCs; WiFi is next.

We need an SDK for the next billion IoT devices.

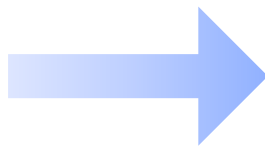
It must be:

- Modern and future proof
- Scalable for small and large devices
- Complete – from drivers to Cloud connectivity





```
void main(void)
{
    while(1) {
```



- + nRF5 SDK v17.1.0
- + nRF5 SDK for Mesh v5.0.0
- + nRF5 SDK for Thread and Zigbee v4.2.0
- + IoT SDK v0.9.0



nRF Connect SDK



nRF5\_SDK\_17.1.0\_ddde560.zip



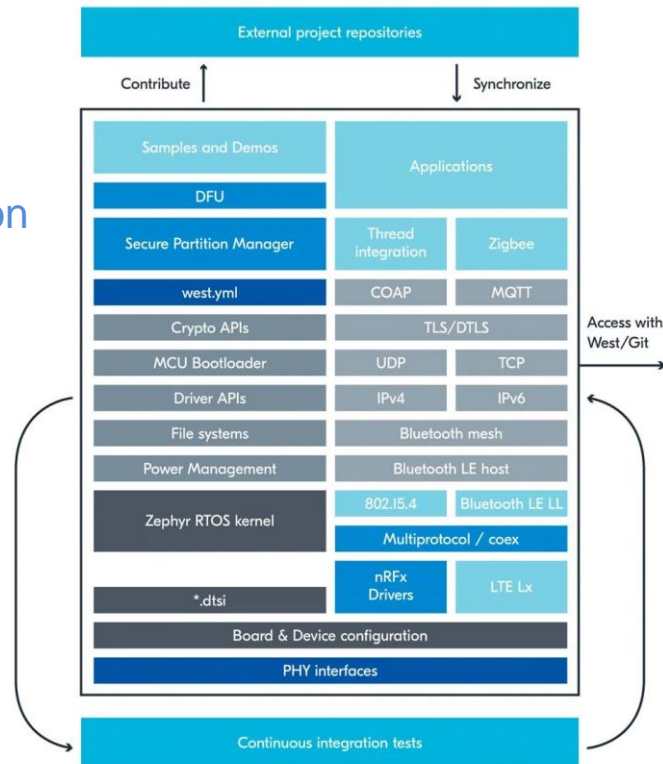
[github.com/nrfconnect](https://github.com/nrfconnect)



- Proprietary features
- Testing and qualification
- Technical support
- IDE (VS Code) integration



- Kernel & services
- Libraries & protocols
- West
- Devicetree & Kconfig
- twister



**nRF Connect SDK**

## Our reflections

- Modern embedded IoT solutions will increasingly succeed with open-source software
- Each upstream contribution is less proprietary code to maintain
- Build and configuration is as important as the software to scale
- Collaboration can strengthen competitiveness
- Zephyr continues to live up to its vision and is a trusted cornerstone of our nRF Connect SDK

Read more in [the blog post from Carles Cufi](#)