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The Zephyr operating system (OS) is based on a small-footprint kernel designed for use on resource-constrained and embedded systems.

The [Getting Started Guide](#) describes how to:

- Set up a command-line Zephyr development environment on Ubuntu, macOS, or Windows (instructions for other Linux distributions are discussed in [Install Linux Host Dependencies](#))
- Get the source code
- Build, flash, and run a sample application

A number of Silicon Labs parts support Zephyr development. The [Thunderboard EFR32BG22](#) is a low-cost entry point. This page provides information about the part and getting started with Bluetooth development.