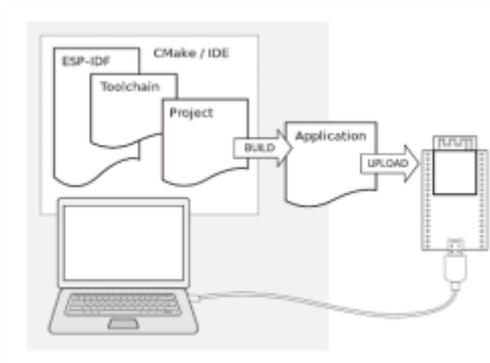# ESP32 Development

Development Environment

To start using ESP-IDF on ESP32, install the following software:

1. Toolchain to compile code for ESP32
2. Build tools - CMake and Ninja to build a full Application for ESP32
3. ESP-IDF that essentially contains API (software libraries and source code) for ESP32 and scripts to operate the Toolchain

ESP-IDF

- ESP-IDF Versions & Releases
- Installation
- Serial Connection
- Flashing
- Monitor
- Start a Project
- Links