



# Discovery

Introduction to the book

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# Introduction to the book

Using this book, we will be learning microcontroller-based embedded systems that uses **Rust** as programming language. In this lecture we will be discussing the following aspects of this book:

- Scope
- Approach
- Non-goals



# Scope

- Writing, building, flashing and debugging
- Peripherals: Digital input/output, Pulse width modulation (PWM), Analog to digital convertors( ADC)
- Control systems: Sensors, actuators, calibration, open loop control (non-feedback), closed loop control (feedback).



# Approach

- Beginner friendly - No prior experience required.
- Hands on - Less boring theory!
- Tools centered - Debugging tools will be used



# Non-goals



- Included goals!
- We will cover all the related aspects in great details. So no worries!



# That's all

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