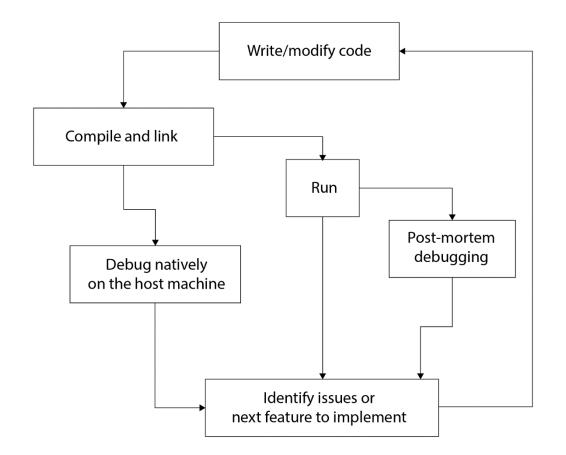
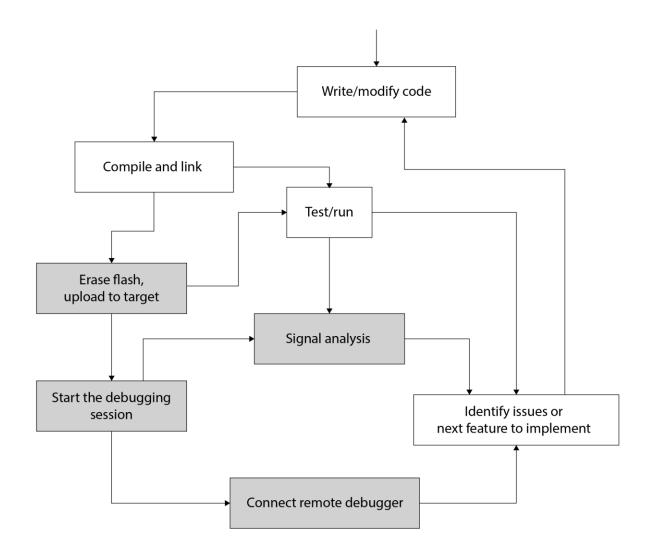


Chapter 1: Embedded Systems – A Pragmatic Approach

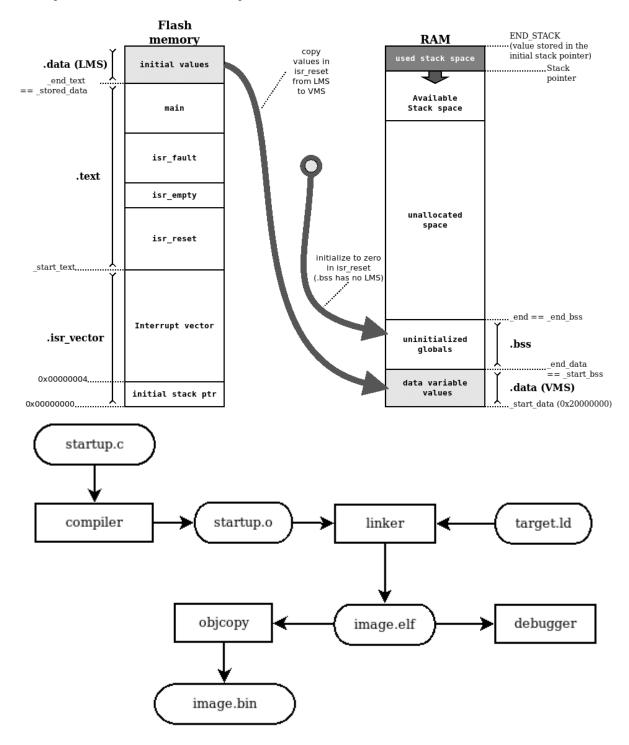


Chapter 2: Work Environment and Workflow Optimization

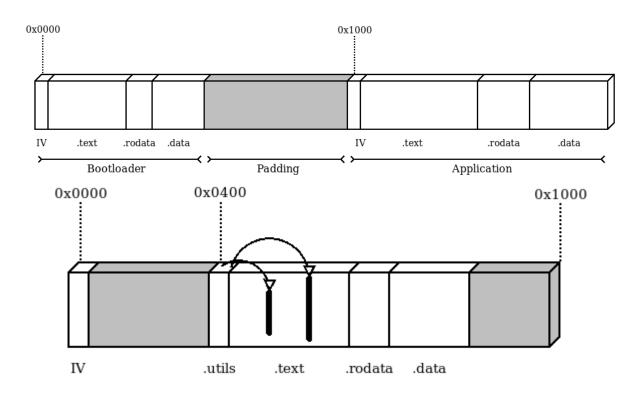


Chapter 3: Architectural Patterns

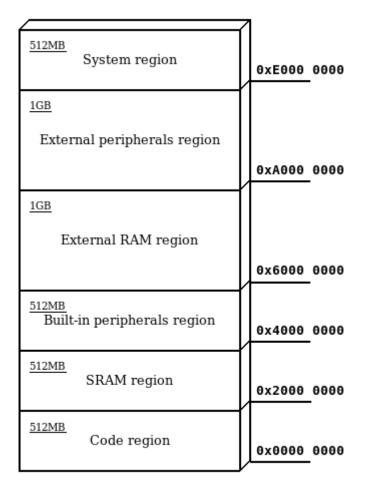
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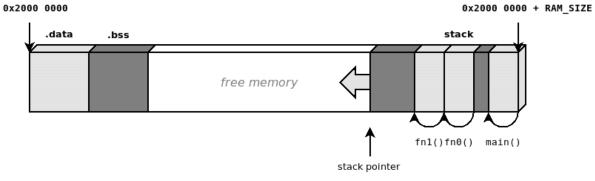


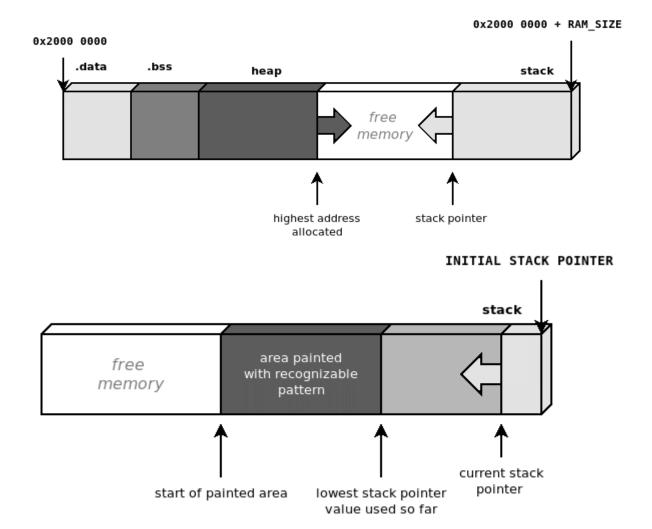
Chapter 4: The Boot-Up Procedure

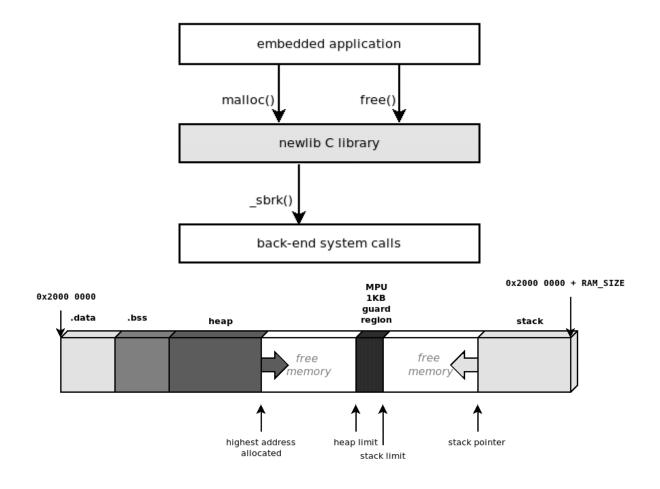


Chapter 5: Memory Management

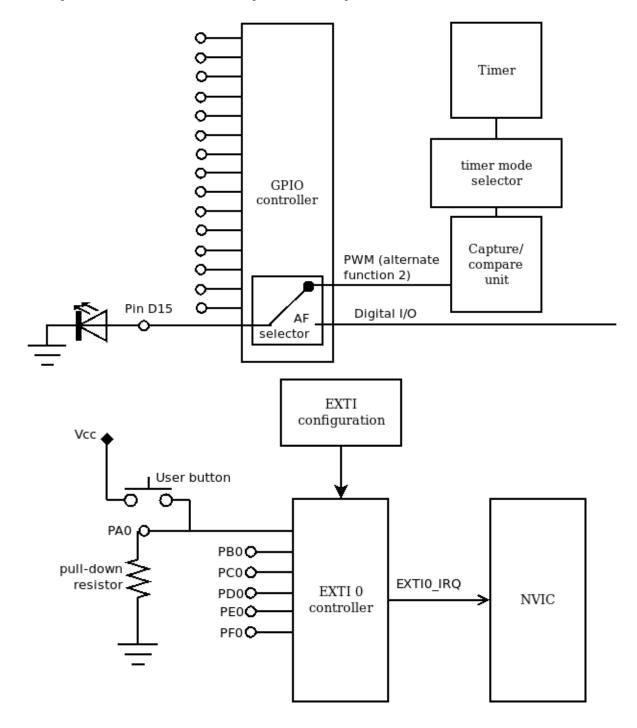


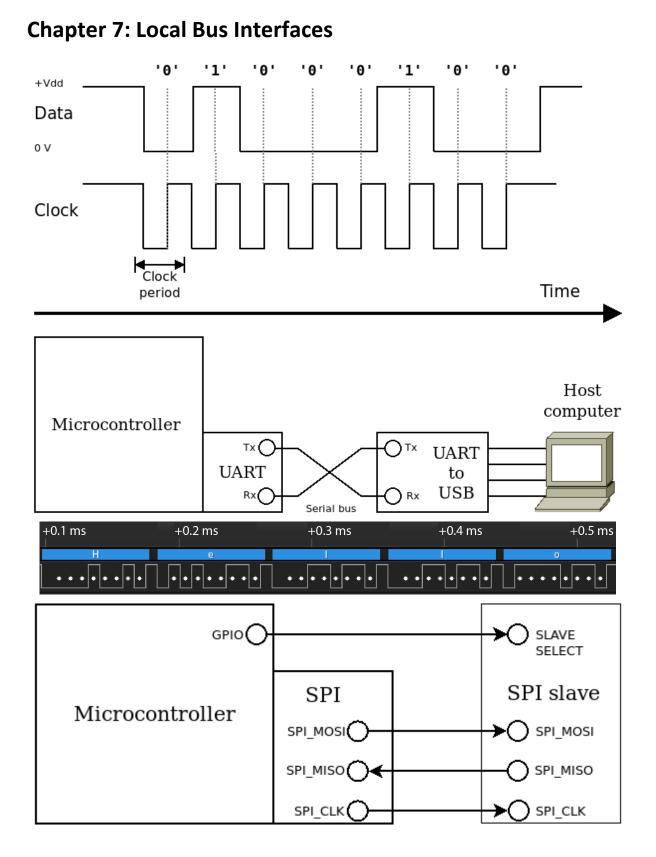


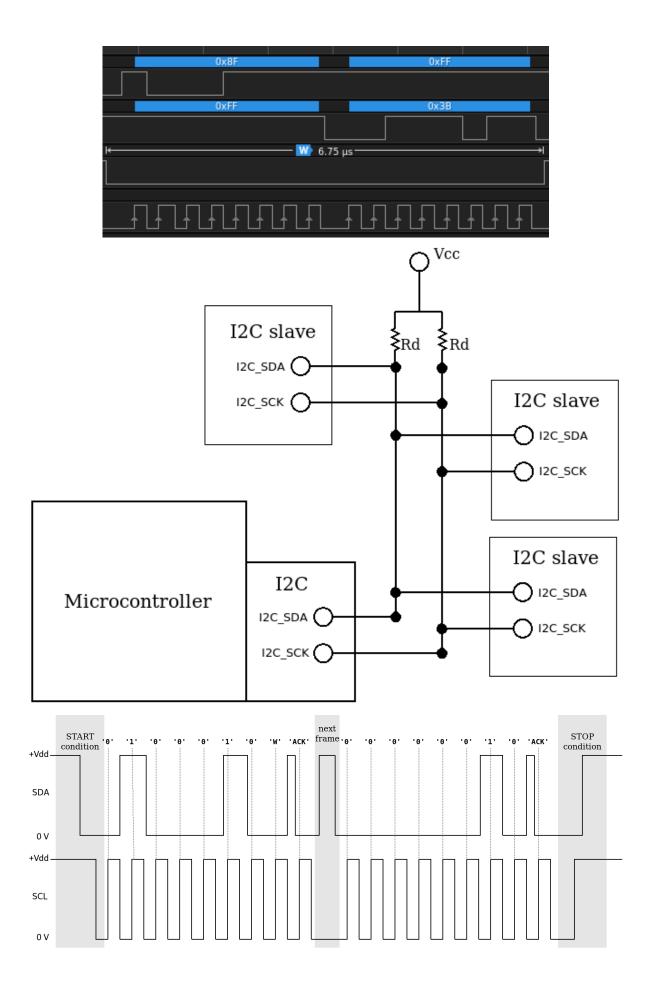


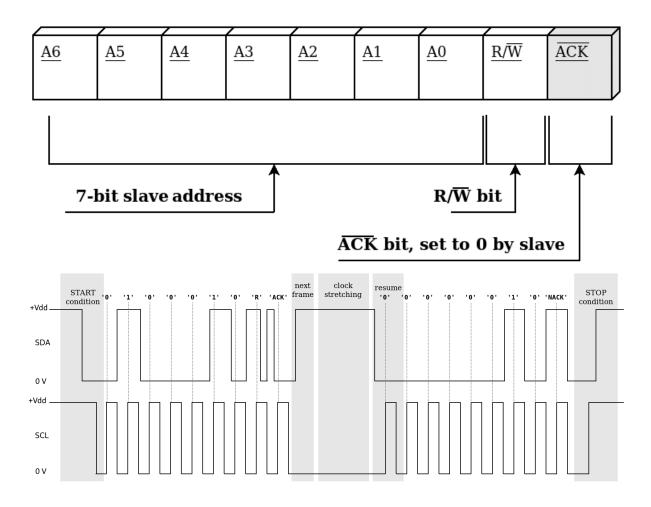


Chapter 6: General-Purpose Peripherals





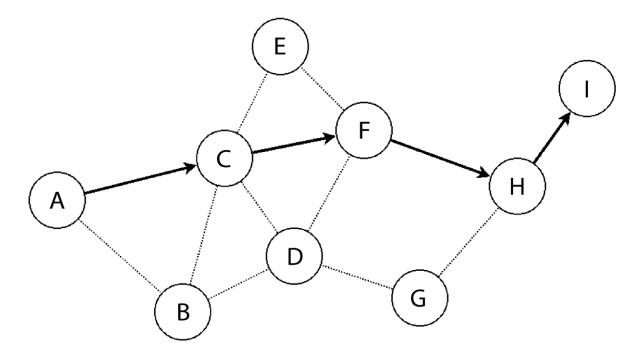


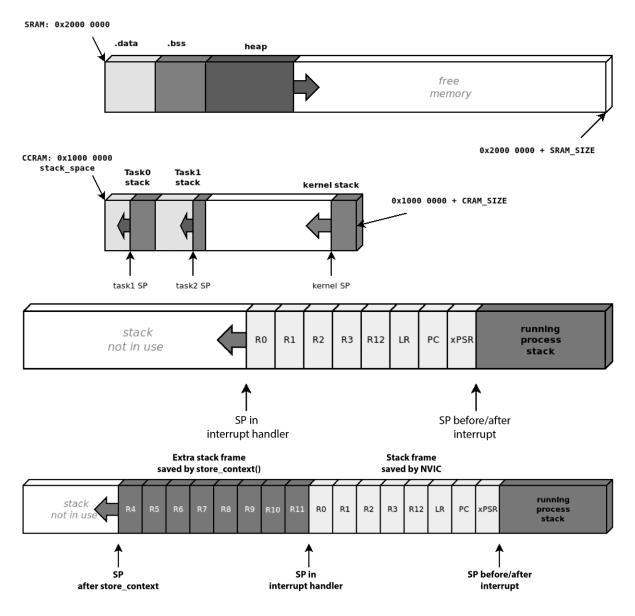


Vdd Target embedded Gnd system ÷ ĸ Oscilloscope Shunt Vm resistor Transmit through network device Activate sensor Acquire sensor data External <u>interr</u>upt Transform data Transmit data Start Wait sensor Read data Idle Low frequency (power - saving) Max frequency (performance) Stop mode K v v Start Wait sensor Read data Transform data Transmit data ldle ٨ Standby mode (ultra-low power)

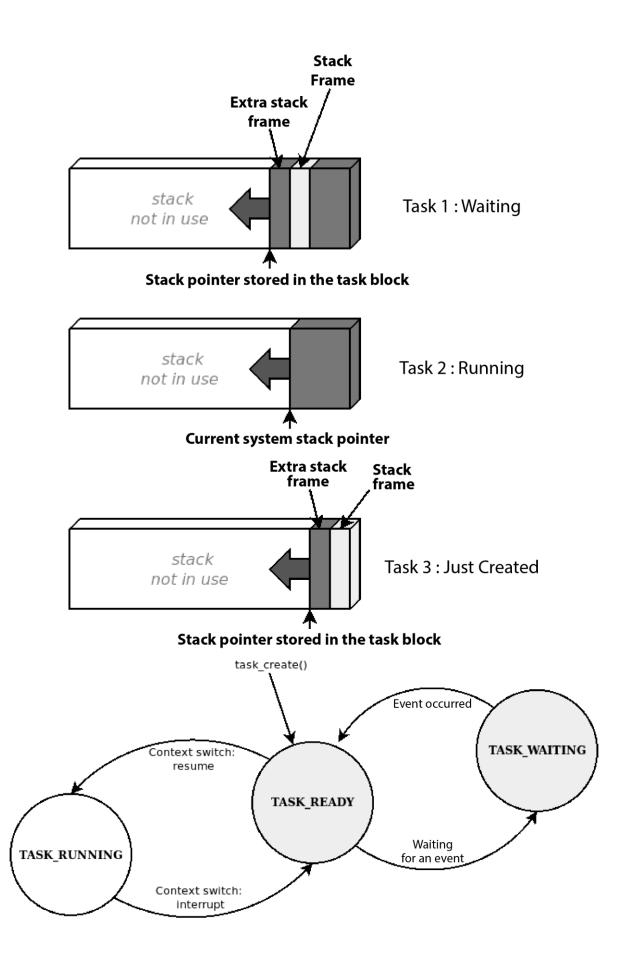
Chapter 8: Power Management and Energy Saving

Chapter 9: Distributed Systems and IoT Architecture





Chapter 10: Parallel Tasks and Scheduling



Chapter 11: Trusted Execution Environment

No images...