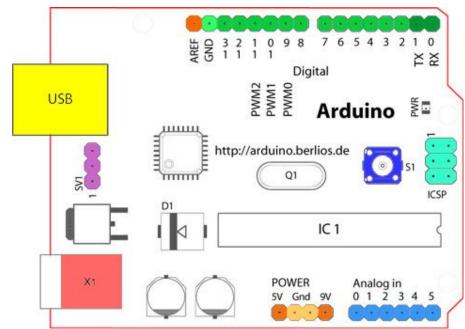
02: Builtin Functions & Definitions

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Arduino

- Digital Pins
- Analog Pins
- Power Pins
 - o GND
- Board



Definitions

- LED Light Emitting Diode
 - Anode (+): Longer leg
 - Cathode (-): Shorter leg
- MCU Microcontroller Unit
 - Atmega328P
- Prototyping: Early Concept, built to test a concept.
- Breadboard: Making temporary circuits, for prototyping.
- Resistor: Limits amount of current.

Programming

- Arduino programming language : Based on C/C++
- Variables
 - LED_BUILTIN
 - Predefined LED pin number.
 - HIGH
 - Voltage of 5V
 - LOW
 - Voltage of 0V

Functions

Built In Functions

- delay()
 - Stops code execution. Blocking functions
- millis()
 - Internal time. Returns in milliseconds.
- setup()
 - Runs once, initializes variables, libraries, pins.
- loop()
 - Executes continuously.

Thank You

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Sources

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