HISTORY OF ARDUINO

2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017

Arduino was born out of the need for a low-cost microcontroller platform for Massimo Banzi's students at the **Interaction Design Institute Ivrea.**

It's named after a local pub:
Bar di Re Arduino.

The Arduino IDE (Integrated Development Environment) is built upon **Wiring** - a software project written by one of Banzi's students (**Hernando Barragán**). It provides easy-to-use libraries which hide some of the raw C++ going on behind the scenes.

Arduino Begins

IDE revision 0001 released

Atmega8 used for the first boards

Atmega168 doubles the flash memory

Atmega328 again doubles the memory

Adafruit estimate 300,000 official boards produced

First ever Arduino day 29/03/14

create.arduino.cc web based IDE is launched

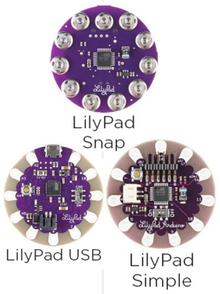
First 32-bit Arduino

IDE 1.8 released

Arduino splits: arduino.cc (Genuino outside USA) and arduino.org

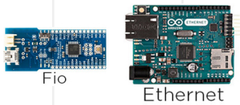
Arduino reunites under Arduino Foundation

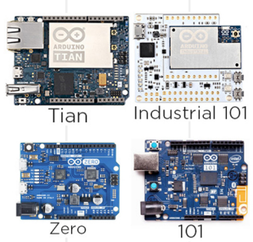

LilyPad

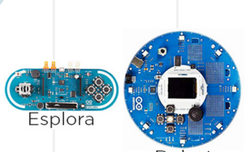

LilyPad Snap
LilyPad USB
LilyPad Simple

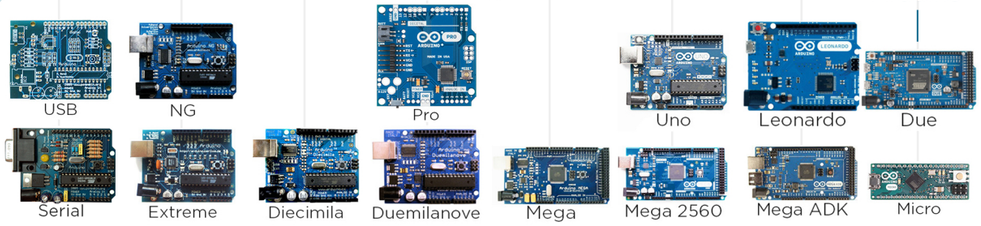

Primo Core


Uno Wi-Fi
MKRZero
Primo
MKR1000
MKRFOX


Fio
Ethernet


Tian
Industrial 101
Yun
Zero
101


Esplora
Robot


USB
NG
Nano
Pro Mini
Pro
Serial
Extreme
Diecimila
Duemilanove
Mega
Uno
Leonardo
Due
Mega 2560
Mega ADK
Micro

ARDUINO TODAY

Industrial

- Yun/Yun Mini
- Zero
- M0/M0 Pro
- Tian
- 101/Industrial 101

Powerful, smart technology

Rapid prototyping

Easily integrated with other devices

Educational

- Esplora
- Robot

Classroom friendly

Modern, STEM learning

Hands-on and intuitive

IoT

- MKR1000
- MKRZero
- MKRFOX1200
- Uno Wi-Fi
- Ethernet
- Primo

Connectivity and communication

Low power consumption

Easy to prototype with

Wearables

- LilyPad
- LilyPad Simple
- LilyPad Snap
- LilyPad USB
- Primo Core

Thin, compact form factor

Battery powered

Easy to use with condutive material

Maker

- Uno
- Leonardo
- Mini/Pro Mini
- Nano/Micro
- Mega2560/ADK
- Primo
- Due

Affordable

Community driven

Modular and adaptable