3 Q Search documentation STORE SIGN IN ARDUINO.CC O DOCS **Getting Started with the** Retired Products & Legacy Documentation > Arduino Leonardo, Leonardo Getting Started with the Arduino Leonardo, Leonardo ETH and Micro **ETH and Micro** Use your Leonardo, Getting Started with the Arduino **Leonardo ETH and Micro on** the Arduino Web IDE Leonardo, Leonardo ETH and Use your Leonardo, Leonardo ETH and Micro on — Micro the Arduino Desktop IDE Installing drivers for Leonardo, The first steps to setting up the Arduino Leonardo, Leonardo ETH and the Leonardo ETH and Micro Micro Open the Blink example Select your board LAST REVISION: 01/11/2024, 12:03 AM Select your serial port The Leonardo ETH is a retired product Upload and Run your first Sketch The Arduino Leonardo, Leonardo ETH and Micro boards use an **Tutorials** ATmega32U4 to offer you more functionalities compared to Uno. Please read... The Leonardo, Leonardo ETH and Micro are programmed using the Good Coding Practice With the Arduino Software (IDE), our Integrated Development Environment Leonardo, Leonardo ETH and common to all our boards and running both online and offline. For more Micro information on how to get started with the Arduino Software visit the Differences from the Arduino Getting Started page. Uno Use your Leonardo, Leonardo ETH and Micro on the Uploading Code to the Leonardo, Leonardo ETH and **Arduino Web IDE** Micro All Arduino boards, including this one, work out-of-the-box on the Arduino Web Editor, you only need to install Arduino Create Agent to get started. The Arduino Web Editor is hosted online, therefore it will always be up-todate with the latest features and support for all boards. Follow this simple guide to start coding on the browser and upload your sketches onto your board. Use your Leonardo, Leonardo ETH and Micro on the **Arduino Desktop IDE** If you want to program your Leonardo, Leonardo ETH and Micro while offline you need to install the Arduino Desktop IDE. Installing drivers for Leonardo, Leonardo ETH and Micro Drivers should be automatically installed plugging with an USB cable the board to your PC, but with some version of the Windows operative system (like Windows 7, Vista and 10) it can happen that your board won't be recognized and you will get the message **Unknown USB device**. It is so necessary to manually install them following the guide Manually install Drivers on Windows. Open the Blink example Now that you've set up your online IDE let's make sure your computer can talk to the board, it's time to make sure you can upload a program. To do that let's open the LED blink example sketch: File > Examples > 1.Basics > Blink. ∞ Blink | Arduino 1.8.0 File Edit Sketch Tools Help New Ctrl+N

Ctrl+O

Ctrl+W

Ctrl+S

Ctrl+P

Preferences Ctrl+Comma

Ctrl+Shift+S

Ctrl+Shift+P

Built-in Examples

04.Communication

Ctrl+T

Select the serial device of the board from the **Tools > Serial Port** menu.

Ctrl+T

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01.Basics

02.Digital

03.Analog

05.Control

06.Sensors

07.Display

You'll need to select your board in the **Tools > Board** menu:

AnalogReadSerial

DigitalReadSerial

ReadAnalogVoltage

for one second, repeatedly.

Arduino Duemilanove or Diecimila

Arduino/Genuino Mega or Mega 2560

for one second, repeatedly.

Arduino AVR Boards

Arduino/Genuino Uno

Arduino Mega ADK

Arduino/Genuino Micro

Arduino Leonardo

Arduino Esplora

Arduino Yún

Arduino Yún 101

Arduino Nano

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Open...

Open Recent Sketchbook

Examples

Save As...

Page Setup

Select your board

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File Edit Sketch Tools Help

Arduino Leonardo ETH

according to the board you have.

Auto Format Archive Sketch

Serial Monitor

Serial Plotter

Get Board Info

Burn Bootloader

Auto Format

Archive Sketch

Serial Monitor

Serial Plotter

Fix Encoding & Reload

Port

modified 8 May 2014

by Scott Fitzgerald

Select your serial port

∞ Blink | Arduino 1.6.10

Blink

Turns

File Edit Sketch Tools Help

Fix Encoding & Reload

WiFi101 Firmware Updater

Programmer: "Atmel EDBG"

17 // the setup function runs once when you pres

Board: "Arduino/Genuino Micro"

Close

Save

Print

