TEI2017 Studio: The Body as a Source of Aesthetic Qualities for Design

SOFTWARE SETUP

Please install the following software on your laptop, in preparation for the studio.

1. Arduino IDE http://arduino.cc/en/Main/Software

   Note that you can use an older version.

1. FTDI Bus Serial Driver http://www.ftdichip.com/Drivers/VCP.htm
2. Mosquito Pattern Arduino sketch “Pattern_Mosquito.ino”
3. Personal Pattern Arduino sketch “personal_pattern.ino”

See screenshots over page …

Arduino - Software | Virtual COM Port Drivers

https://www.arduino.cc/en/Main/Software

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Download the Arduino IDE

ARDUINO 1.8.1

The open-source Arduino Software (IDE) makes it easy to write code and upload it to the board. It runs on Windows, Mac OS X, and Linux. The environment is written in Java and based on Processing and other open-source software.
This software can be used with any Arduino board.
Refer to the Getting Started page for Installation instructions.

Windows Installer
Windows ZIP file for non admin install

Windows app Get

Mac OS X 10.7 Lion or newer

Linux 32 bits
Linux 64 bits
Linux ARM

Release Notes
Source Code
Checksums (sha512)

ARDUINO SOFTWARE
HOURLY BUILDS

LAST UPDATE
9 March 2017 0:13:42 GMT

Download a preview of the incoming release with the most updated features and bugfixes.

Windows
Mac OS X (Mac OSX Lion or later)
Linux 32 bit , Linux 64 bit , Linux ARM

ARDUINO 1.0.6 / 1.5.x / 1.6.x
PREVIOUS RELEASES

Download the previous version of the current release, the classic Arduino 1.0.x, or the Arduino 1.5.x Beta version.

All the Arduino 00xx versions are also available for download. The Arduino IDE can be used on Windows, Linux (both 32 and 64 bits), and Mac OS X.

Source Code

Active development of the Arduino software is hosted by GitHub. See the instructions for building the code.
Source code of Arduino is available here.

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Virtual COM Port Drivers

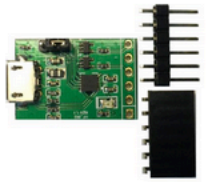
This page contains the VCP drivers currently available for FTDI devices.

For D2XX Direct drivers, please click here.

Installation guides are available from the Installation Guides page of the Documents section of this site for selected operating systems.

VCP Drivers

Virtual COM port (VCP) drivers cause the USB device to appear as an additional COM port available to the PC. Application software can access the USB device in the same way as it would access a standard COM port.

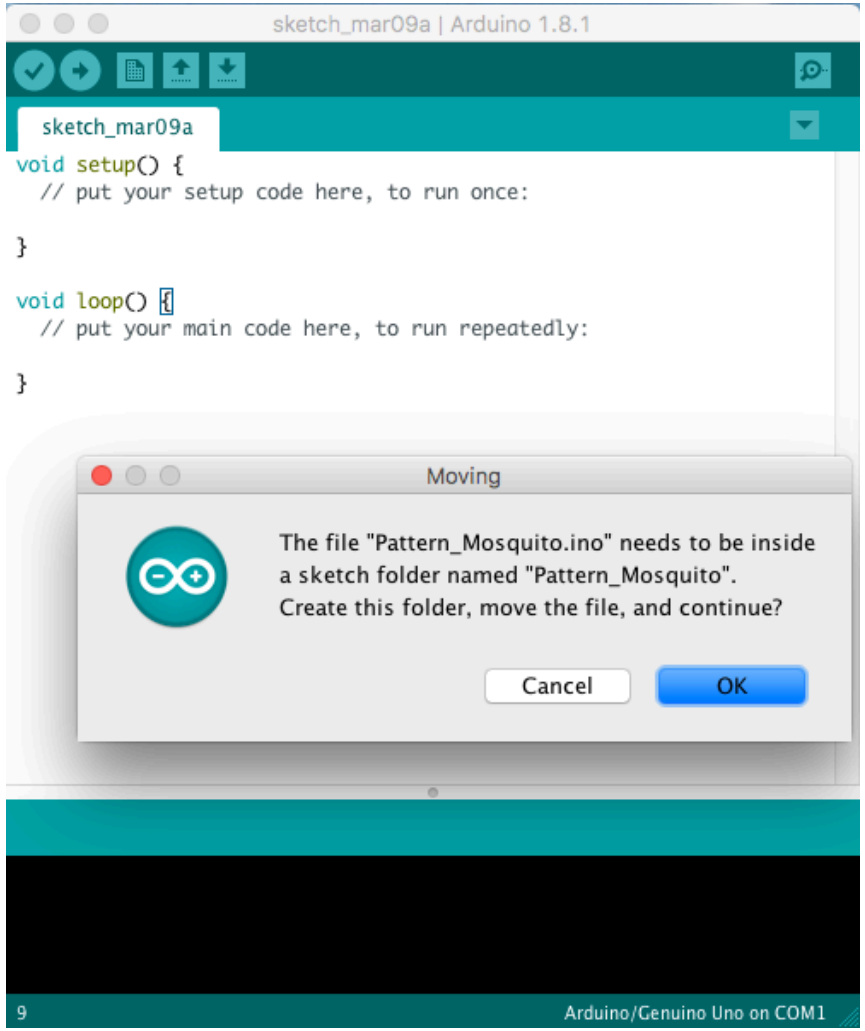


Currently Supported VCP Drivers:

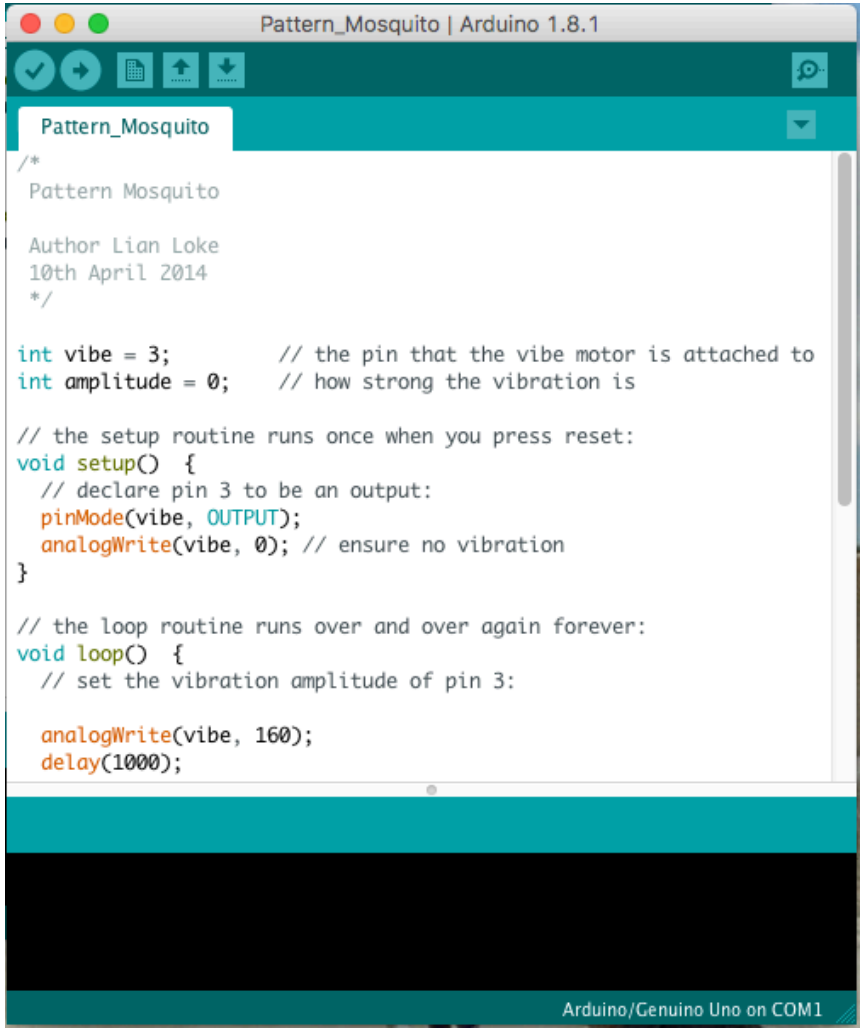
		Processor Architecture							
Operating System	Release Date	x86 (32-bit)	x64 (64-bit)	PPC	ARM	MIPSII	MIPSIV	SH4	Comments
Windows*	2016-10-10	2.12.24	2.12.24	-	-	-	-	-	WHQL Certified. Includes VCP and D2XX. Available as a setup executable Please read the Release Notes and Installation Guides.
Linux	2009-05-14	1.5.0	1.5.0	-	-	-	-	-	.0-19 nux
Mac OS X 10.3 to 10.8	2012-08-10	2.2.18	2.2.18	2.2.18	-	-	-	-	C OS
Mac OS X 10.9 and above	2015-04-15	-	2.3		-	-	-	-	This driver is signed by Apple
Windows CE 4.2-5.2**	2012-01-06	1.1.0.20	-	-	1.1.0.20	1.1.0.10	1.1.0.10	1.1.0.10	
Windows CE 6.0/7.0	2016-11-03	1.1.0.22 CE 6.0 CAT CE 7.0 CAT	-	-	1.1.0.22 CE 6.0 CAT CE 7.0 CAT	1.1.0.10	1.1.0.10	1.1.0.10	For use of the CAT files supplied for ARM and x86 builds refer to AN_319

Select the one for your operating system/processor

Open the Arduino software.
Then select File > Open …
Select the file “Pattern_Mosquito.ino”,
and click OK.



The code for “Pattern_Mosquito.ino” sketch



Open the Arduino software.
Then select File > Open …
Select the file “personal_pattern.ino”, and click OK.

The code for “personal_pattern.ino” sketch