

Introduction to Embedded Systems (IES)

Installing Arduino Portable on Windows 10

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Content

This document describes how to install the Arduino programming software for this course on Windows 10 computers.

This method uses *Arduino Portable* and is a simple procedure:

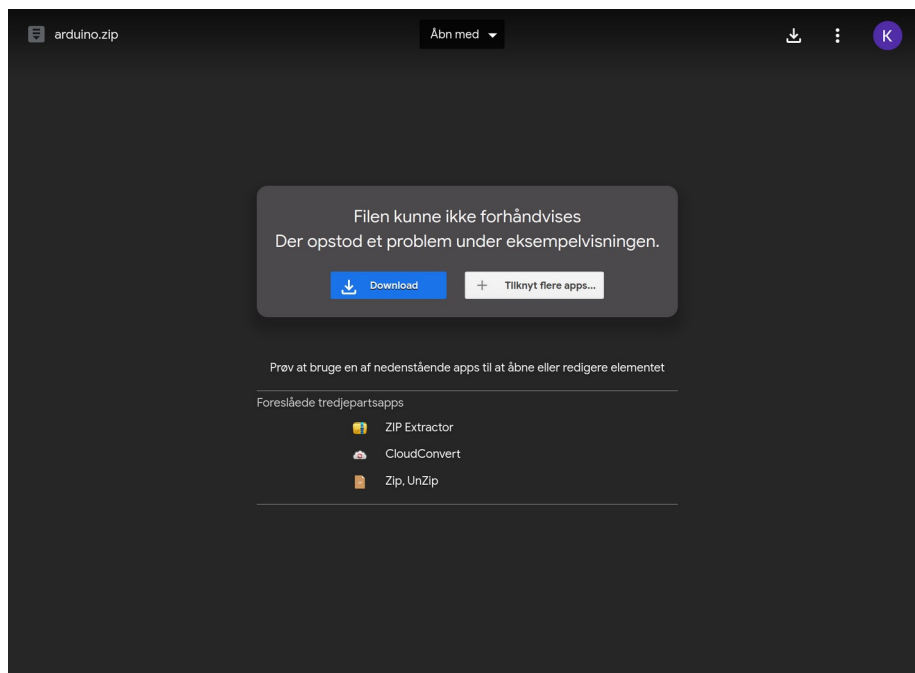
1. Download a compressed (arduino.zip) file from the internet containing all necessary files for Arduino
2. Copy arduino.zip to a USB key
3. Copy arduino.zip from the USB key to other computers
4. On each computer extract all files from arduino.zip
5. Verify that the installation is successful

Download Arduino zip file

Use a computer with internet access to download the Arduino zip file.

Link: <https://kjen.dk/go/ies/arduino>

When clicking the link you will see a page like below (in your language). Click the Download button.

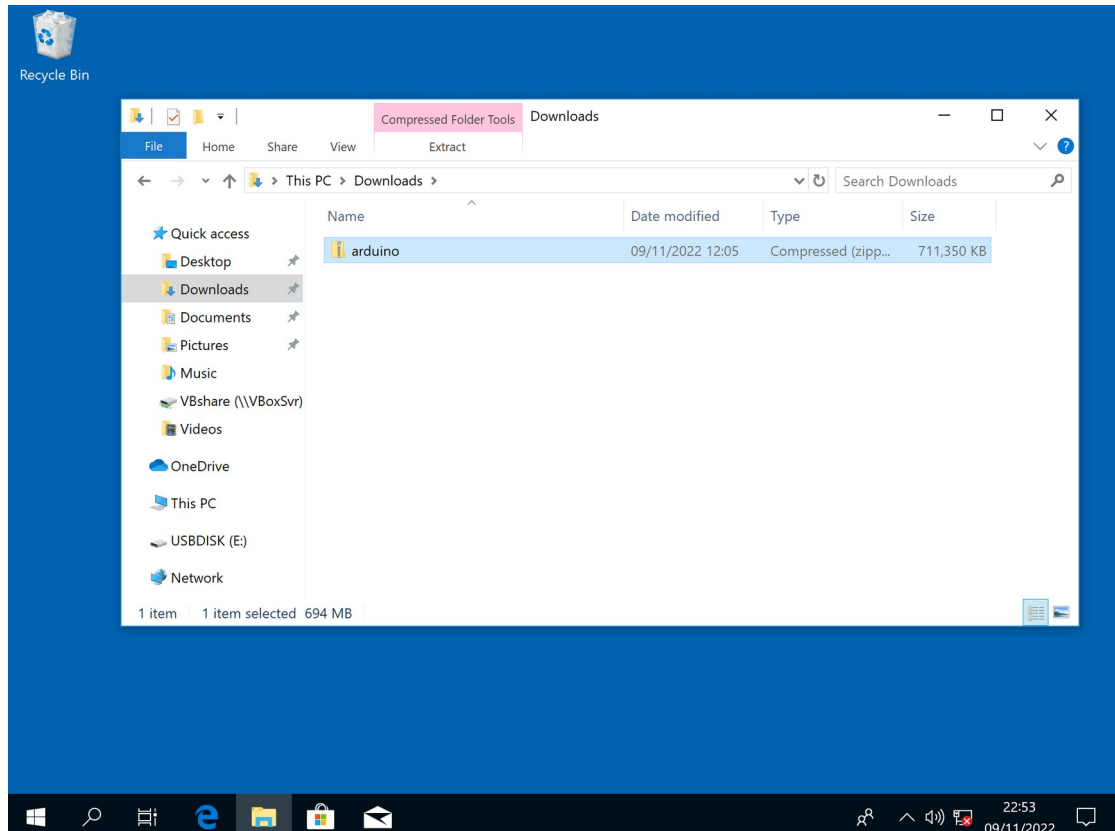


The file size is about 750 Mb so it may take some time depending on the internet speed.

The arduino.zip software is originally from <https://arduino.cc> and https://github.com/earlephilhower/arduino-pico/releases/download/global/package_rp2040_index.json

Copy arduino.zip to a USB key

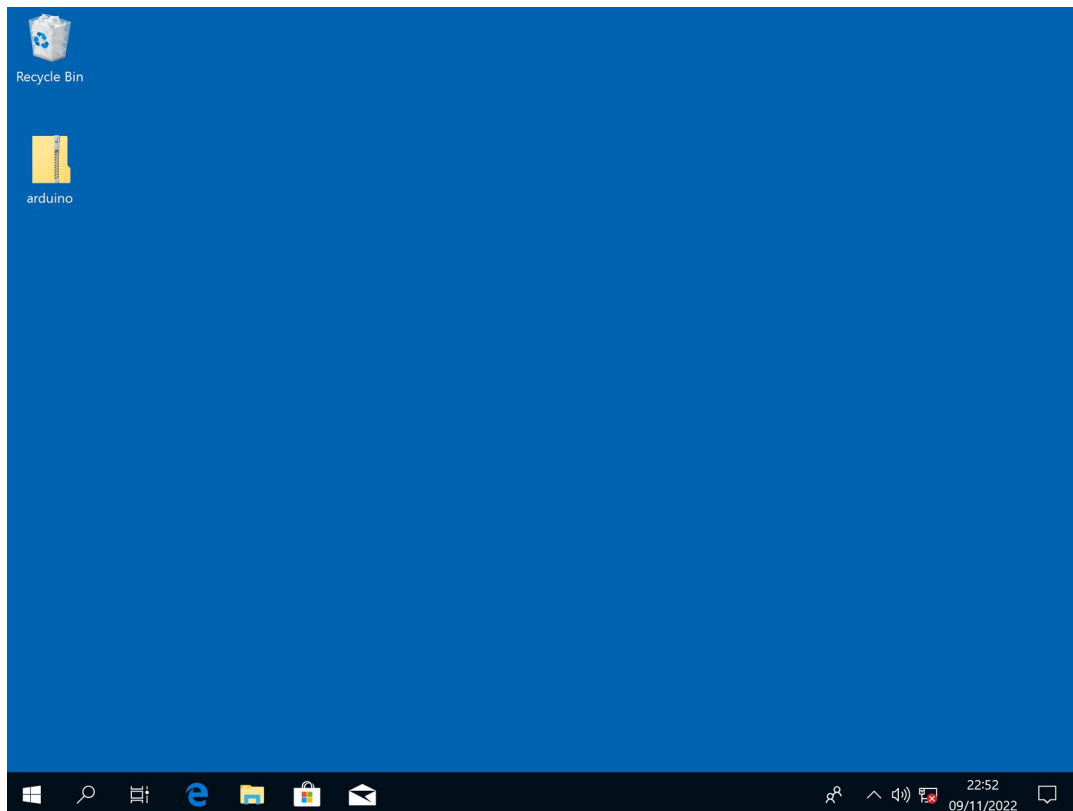
When the download is finished, the file arduino.zip will be in your Downloads folder:



Insert a USB key into your computer and copy the arduino.zip file to the USB key

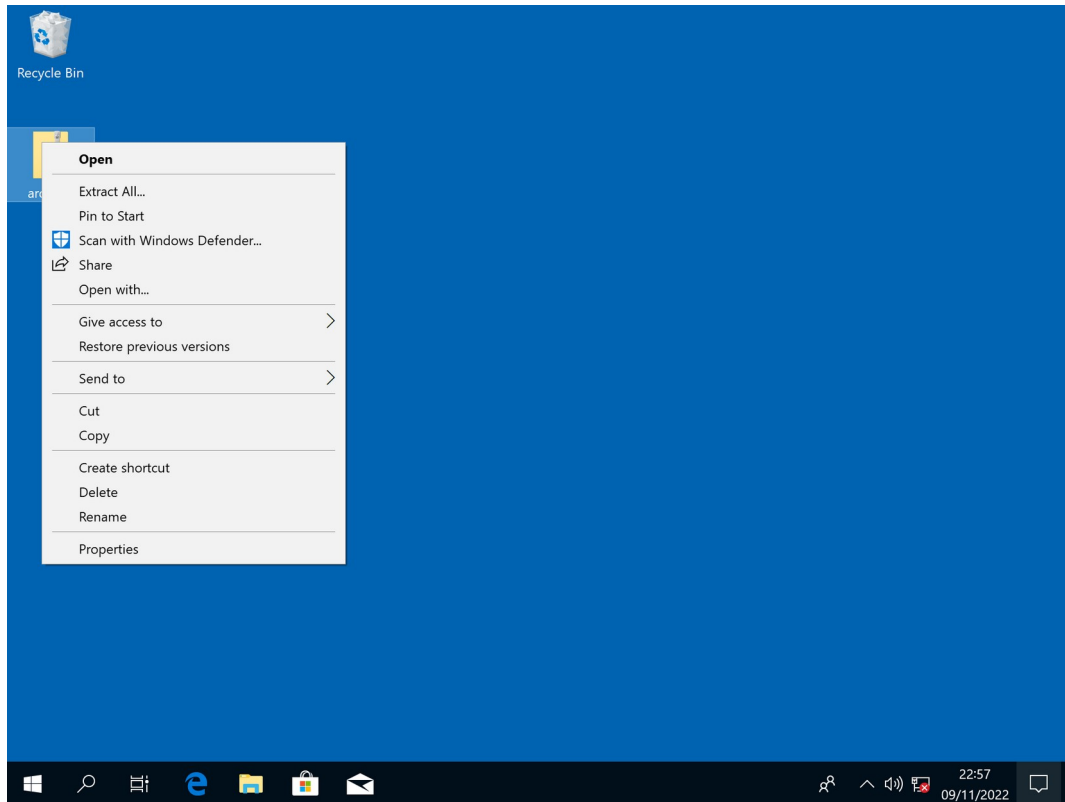
Copy arduino.zip to other computers

Insert the USB key into other computers needing the installation and copy the arduino.zip file to the Desktop

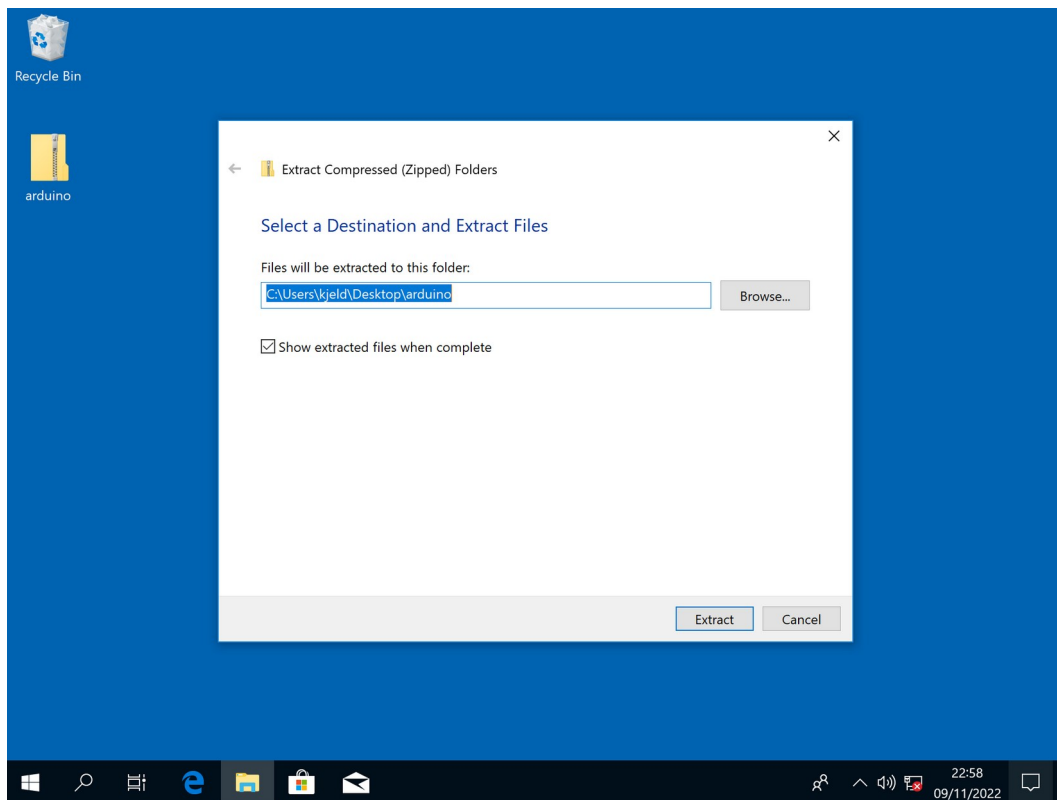


Extract all files from arduino.zip

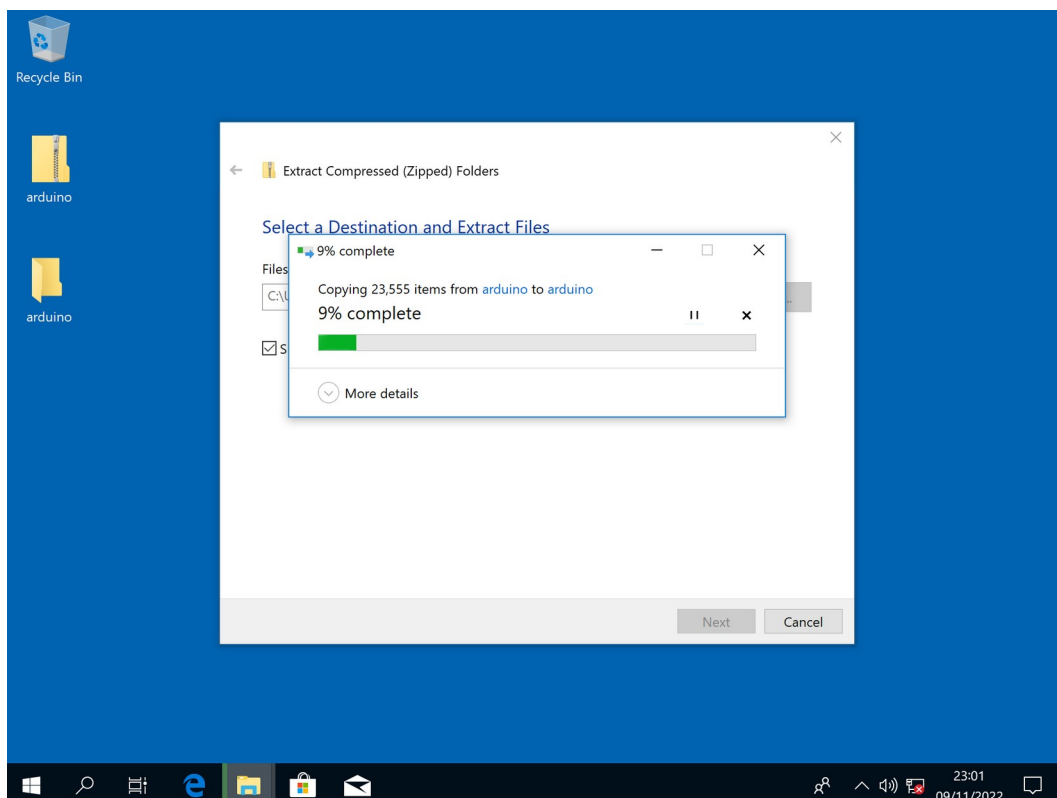
Right click the arduino.zip file on the Desktop, then select Extract all...



Click the Extract button

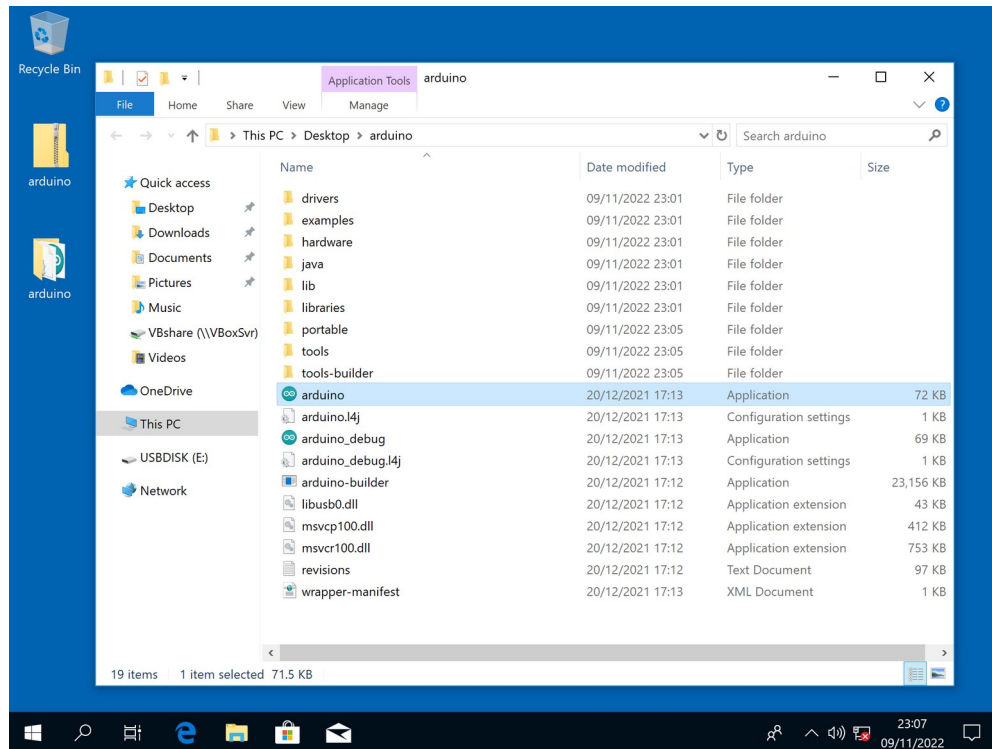


Then wait until completed, this may take some time



Verify that the installation is successful

Open the arduino folder, then click the arduino file:



Your installation is successful if the Arduino software opens like below:

