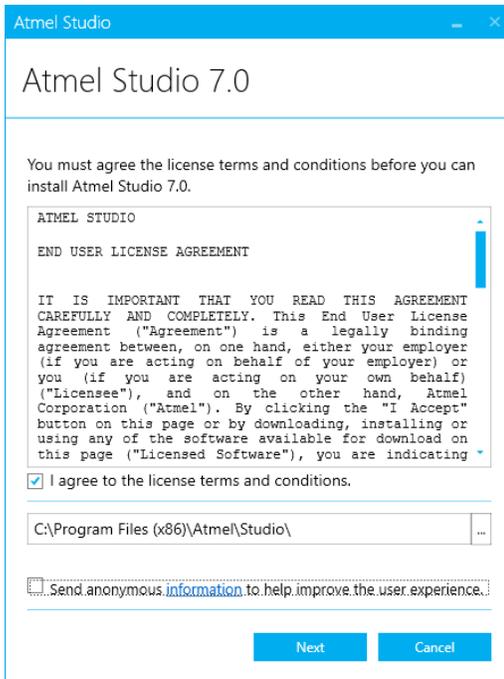
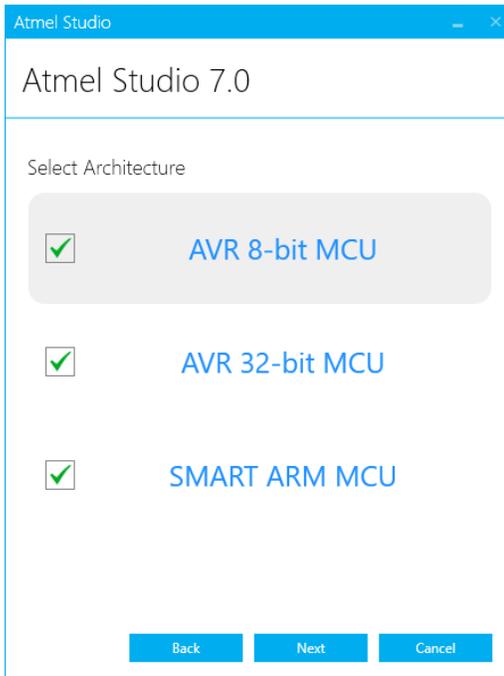


# How To Install Atmel Studio

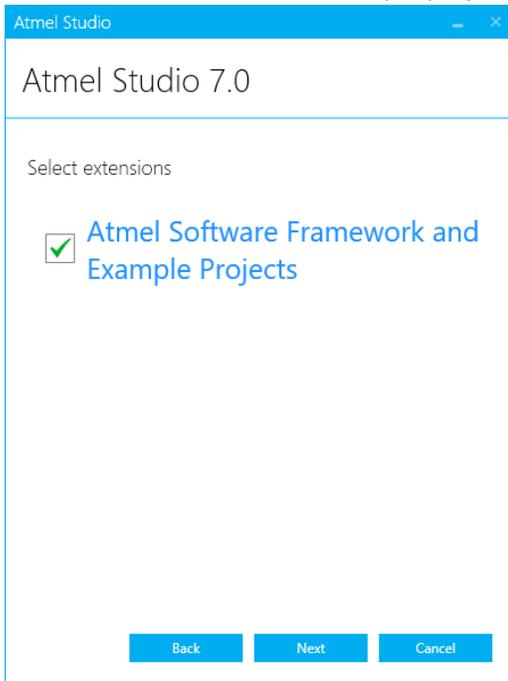
- 1) Download Atmel Studio from [here](#)
- 2) Run the downloaded file
- 3) Agree to the license



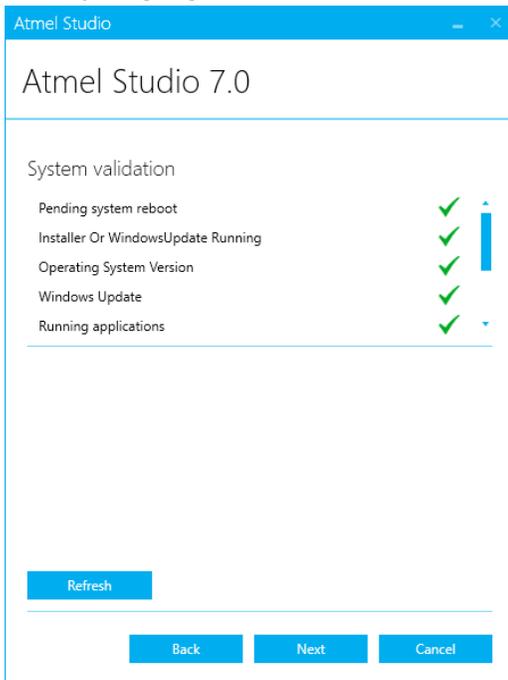
- 4) For CST120 you will need the 8-bit support, CST347 and CST417 will need the 32-bit support.



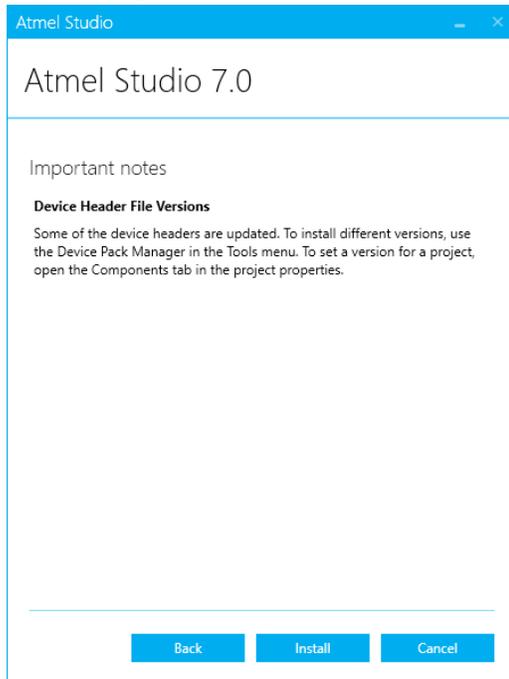
5) Install the framework and example projects



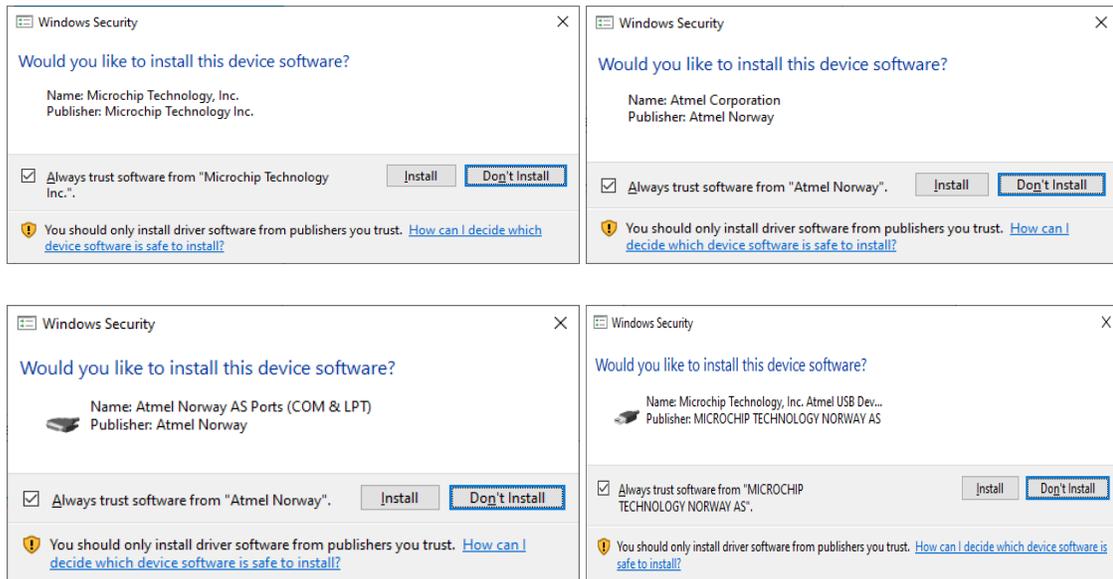
6) If everything is good, click next. Otherwise fix any issues listed



7) Click install, should take 30-40 minutes



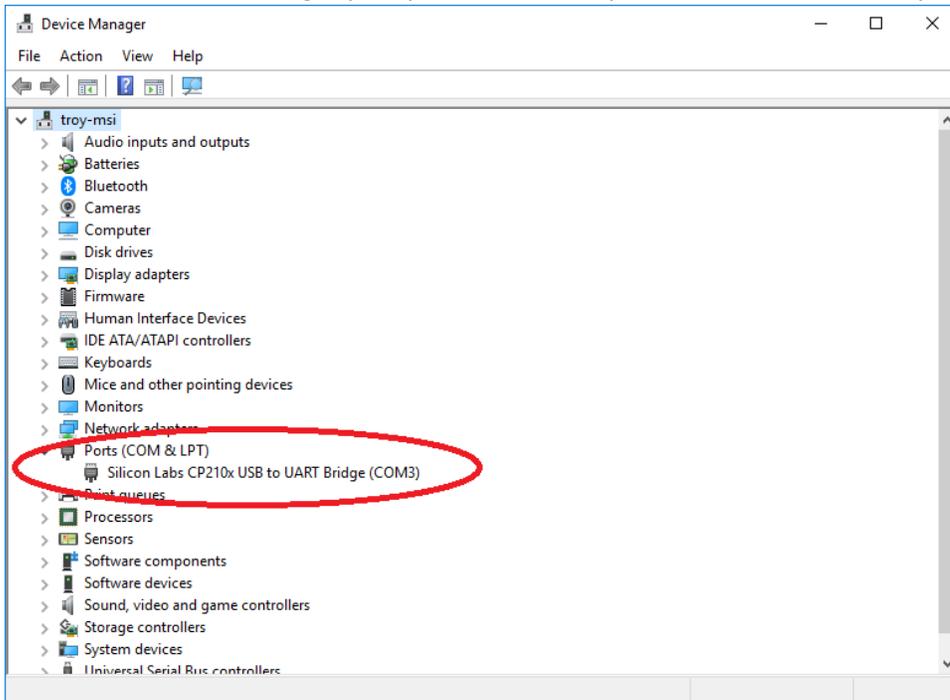
8) Install the drivers



For CST120 you will also need the following

- 1) Download the avr-dude zip file from your course website.
- 2) Extract the folder and note the where you save it, you will need this information for the tool creation.
- 3) Plug in your Arduino board to your computer
- 4) Launch device manager: windows key – x and select device manager from the list

- 5) Under the Ports section, get your port number for your board. It will normally default to com3



- 6) Launch Atmel Studio  
7) Click on Tools -> External Tools  
8) Create a new tool with the following data:

Title: Whatever you would like to call it

Command: <PATH FROM STEP 2>\avrdudewait.cmd

Arguments: -c arduino -P com6 -p ATmega328P -U flash:w:\$(TargetName).hex:i

Initial Directory: \$(TargetDir)

