CEE-345 Microprocessor System Laboratory

STOUT
UNIVERSITY OF WISCONSIN

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Atmel Studio 7 Installation Instructions

Introduction

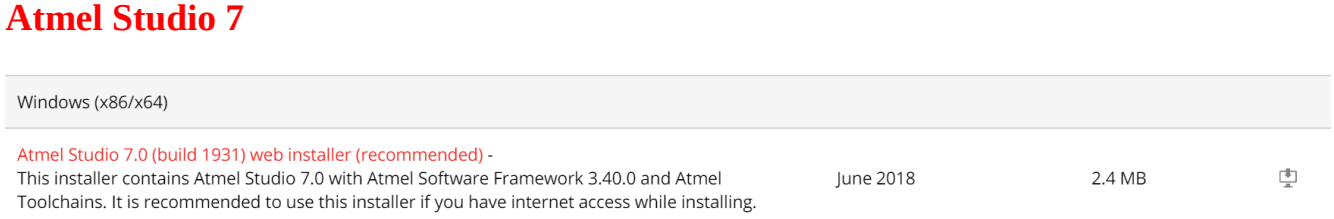
Atmel® Studio 7 is the integrated development environment (IDE) for developing and debugging Atmel ARM® Cortex™-M processor-based and Atmel AVR® microcontroller applications. The Atmel Studio 7 IDE gives you a seamless and easy-to-use environment to write, build and debug your applications written in C/C++ or assembly code on the STK-600 board in the lab. Atmel Studio 7 supports all 8- and 32-bit AVR, SAM3 and SAM4 microcontrollers, and connects seamlessly to Atmel debuggers and development kits."

More information on the Atmel Studio 7 can be found here:
https://www.youtube.com/watch?v=LWUv_gbA44k

Use the procedure here to download the Atmel Studio. You will need it to work on the labs.

Procedure

1. Go to https://www.microchip.com/avr-support/atmel-studio-7



2. Select the download icon to download the web installer for the Atmel Studio 7.0 (build 1931) or the most recent version of the Atmel Studio. Select **Atmel Studio 7 Installer – offline installer if you don't have internet access while installing**.

3. When the download is complete, open the file to install the software. Allow the program to make changes to your computer. Select **Install**, **Next**, install the device software (e.g. **Jungo driver**), and **Finish.**

4. Accept the **terms of the license agreement** for the Atmel USB Driver. Select **Next** twice and then **Install**.

5. When the Atmel Studio 7 Setup Welcome screen appears, select **Next**, **accept the license terms**, and then select **Next** a few more times.

6. Select **Associate .c, .s, .asm, … with Atmel Studio 7**, and then select **Finish**.