

## Atmel Studio 6.2 sp2 Installation Instructions

### Introduction

From the Atmel website: “Atmel® Studio 6 is the integrated development environment (IDE) for developing and debugging Atmel ARM® Cortex™-M processor-based and Atmel AVR® microcontroller applications. The Atmel Studio 6 IDE gives you a seamless and easy-to-use environment to write, build and debug your applications written in C/C++ or assembly code. Atmel Studio 6 supports all 8- and 32-bit AVR, SAM3 and SAM4 microcontrollers, and connects seamlessly to Atmel debuggers and development kits.”

An alternative installation tutorial is available at:

<http://nishantnath.wordpress.com/2012/05/05/atmel-studio-6-install-guide-walk-through-review/>

### Procedure

1. Do a Windows Update, if necessary (for the Microsoft .NET Framework).
2. Go to <http://www.atmel.com/tools/atmelstudio.aspx> and register.
  - a. Select **Log In** (at the top right) and then select **Create and Account**.
  - b. Wait for an email (which should only take a few seconds).
  - c. Confirm your email by going to the confirmation website given on the email that you receive.
3. **Sign in** to the Atmel website.
4. Select **Design Support** and then **Atmel Studio IDE** (listed under **Development Tools**).
  - a. Select **Atmel Studio 6.2 sp2 (build 1563) Installer – with .NET**. When the download is complete, open the file to install the software. Allow the program to make changes to your computer. Select **Install**, **Next**, accept the license agreement and then **Next**, **Next**, and then **Install**.
  - b. Install **Atmel USB Driver Package**.
    - i. **Install** the device software (**Jungo Connectivity Jungo**), and **Finish**.
5. An Atmel Studio 6.2 Setup Welcome screen will next appear. Select **Next**.
6. Accept the **terms of the license agreement**. Select **Next** three times. Installation will begin. When installation finishes, it will ask you if you want to **Associate .c, .s, .ash, .h files with Atmel Studio 6.2**. Your choice here; but if you do **NOT** do much programming outside of this course, I would recommend checking this box. Then select **Finish**.
7. Get the following files from our class website (below) or from Atmel.
  - [XMEGA AU Manual](#) (Atmel doc8331)
  - [XMEGA128A1U Manual](#) (Atmel doc08385)
  - [Instruction Set](#) (Atmel doc0856)

The first two documents above are also available from Atmel’s website at the following URL: <http://www.atmel.com/devices/ATXMEGA128A1U.aspx?tab=documents>. The last document is available from Atmel at <http://www.atmel.com/images/doc0856.pdf>.