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## THDQFI - ELIANNA BENJAMIN

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### Installing Template Files in Atmel Studio 7

Page 8 Debugging 1. To start debugging, press Alt+F5 or choose Start Debugging from the Debug menu. 2. The following Dialog appears and asks you to select the debugging tool. Press Continue. 3. In the following window, choose Simulator as the debugger and then close it by pressing the x next to the toggleProject. Note: Simulator vs. debugger

3 3. Using Atmel Studio for C programming As an example, we will create a simple C program for the Atmel AVR that allows the user to turn on one of the eight Light Emitting Diodes (LEDs) on the STK500 development board, by

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Studio 7 is the integrated development platform (IDP) for developing and debugging all AVR® and SAM microcontroller applications. The Atmel Studio 7 IDP gives you a seamless and easy-to-use environment to write, build and debug your applications written in C/C++ or assembly code.

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Software Atmel Studio USER GUIDE Preface Atmel® Studio is an Integrated Development Environment (IDE) for writing and debugging AVR®/ARM® applications in Windows® XP/Windows Vista®/ Windows 7/8 environments. Atmel Studio provides a project management tool, source file editor, simulator, assembler, and front-end for C/C++,

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Atmel Studio 7.0.1006 The following changes are done in Atmel Studio 7.0.1006: • New Atmel Start extension that allows the user to create and configure Atmel Start projects within Atmel Studio • Ability to load multiple modules in a debug session (experimental) • AVR 8-bit GCC Toolchain 3.5.3 with upstream versions: - gcc 4.9.2 ...

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Atmel Studio 7 uses a different file format - so if you open a project or solution created in an earlier version, you'll need to upgrade the project to version 7. Personally I have no issue with this, although it does mean that I'll be keeping version 6.2 around for a while to allow me to share my projects with others more easily.

#### A Review of Atmel Studio 7 - Crash-Bang Prototyping

Template Files Missing Update 1 July 2016. Newer builds of Atmel Studio 7 have a Standard Mode and Advanced Mode.Template files installed in the folder described in the book only appear in the New Project dialog box when Atmel Studio is in Standard Mode. The toolbars will also look different between the two modes.

#### Installing Template Files in Atmel Studio 7

This installer contains Atmel Studio 7.0 with Atmel Software Framework 3.28.1 and Atmel Toolchains. Use this installer if you do not have internet access while installing. It is highly recommended to use the smaller web installer if you can since it provides the ability to get incremental updates

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