JRE Installation

JRE (Java Runtime Environment) is a requirement to drive Eclipse.

To download JRE visit the website listed below.
http://www.oracle.com/technetwork/java/javase/downloads/index.html

From there select the appropriate OS platform.

WinARM Installation

To download JRE visit the website listed below..
http://gandalf.arubi.uni-kl.de/avr_projects/arm_projects/

ARM-Projects

by Martin THOMAS

Please: Before asking any questions by e-mail or in the forum make sure that you are using the latest version of the examples and/or tools. Some problems have already been fixed.

Available Projects and Information (Content)

- You may like to visit my AVR-Projects page too.

- **WinARM**. The gnu-toolchain and several tools and samples for ARM controller/processors for MS-Windows-Platforms. (last Update of the package 28. Mar 2008 (Testing), last Update of additional information/add-ons/bug-fixes 6. Feb. 2008)

- **WinXSCALE** precompiled GNU-Toolchain for xscale-elf targets (last Update 22. Sept. 2006)

- OpenOCD as flash-programming Software for AT91SAM7, LPC2000 and STR7 (last Update 31. Aug. 2008)

- Using OpenOCD with ARMv7 / Cortex-M3 / LMI Stellaris and ST STM32 (last update 30. Apr. 2009)

- A short introduction into ARM-JTAG debugging using Wiggler(-clones) and the gnu-Debuggers (last Update 4. June 2005)

- A small demo for the LPC2106 and LPC2129 (ARM7TDMI) controllers - LED and button interfaceing (**GPIO**) (last Update 19. March 2007)

- A small demo for the LPC2106 and LPC2129 (ARM7TDMI) controllers - LED and button interfaceing (GPIO) and **Timer-Interrupt**(via VIC) (last Update 19. March 2007)

- A small demo for the LPC2106 (ARM7TDMI) controller **UART** Programming (last
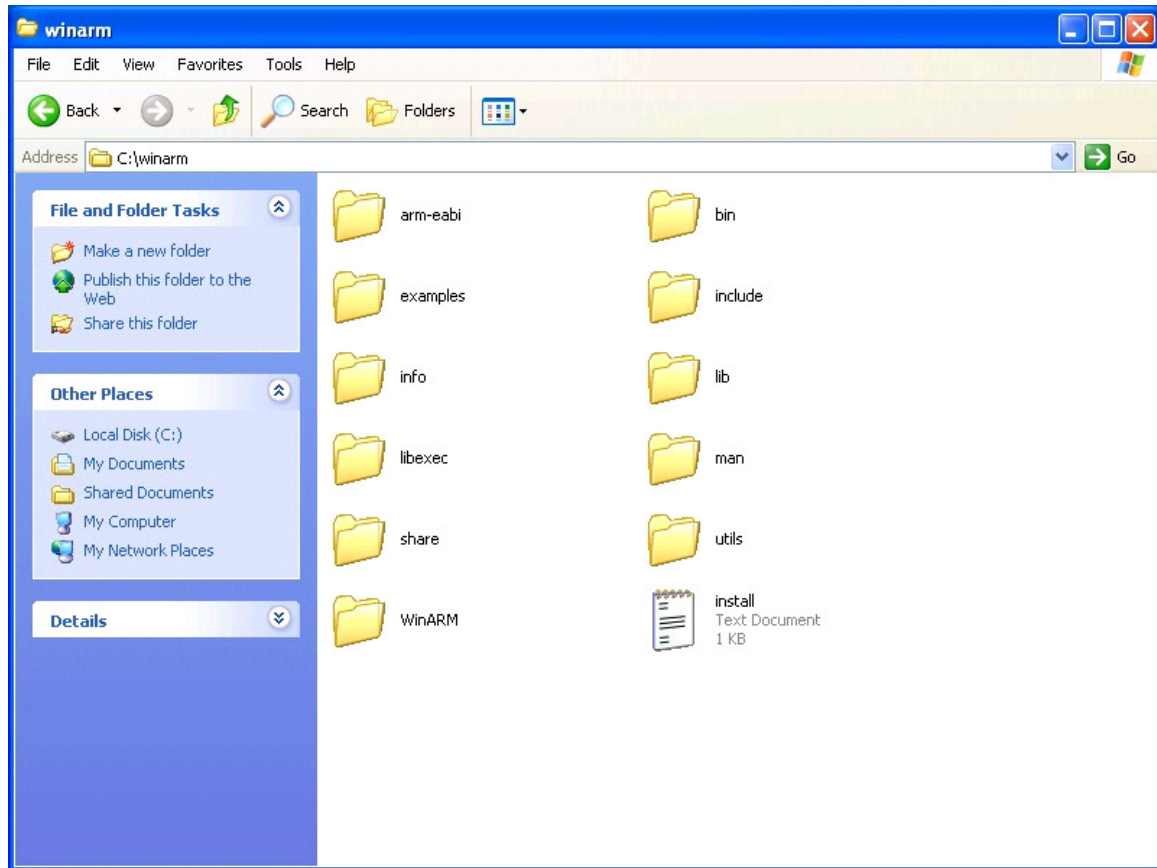
Or you may use the direct link listed below..

http://www.siwawi.arubi.uni-kl.de/avr_projects/arm_projects/winarmtests/WinARM_20080331_testing.zip

- Updated AT91SAM7s-examples
- MS Windows-binary of lpc21isb V1.43 (beta).
- **Test-release** WinARM 20070505: release-notes, Download (self-extracting archive created with 7-zip, 118MB(!)), Download (zip-Archive, 180MB(!))
- **Another test-release**: WinARM 20080331. Based on GNU Binutils 2.18.5, GNU gcc 4.3.0 (C/C++), newlib 1.16, GNU gdb 6.8 (with XML and TUI support), OpenOCD SVN527. The precompiled toolchain offers thumb2 support (i.e. for Cortex-M3 like LuminaryMicro LM3S and STMicro STM32.) Again: just a test-release, preliminary tests with examples for LM3S811 and STM32F103 worked as expected. Download the 20080331 test-release [here] (ca. 37MB, no examples included)
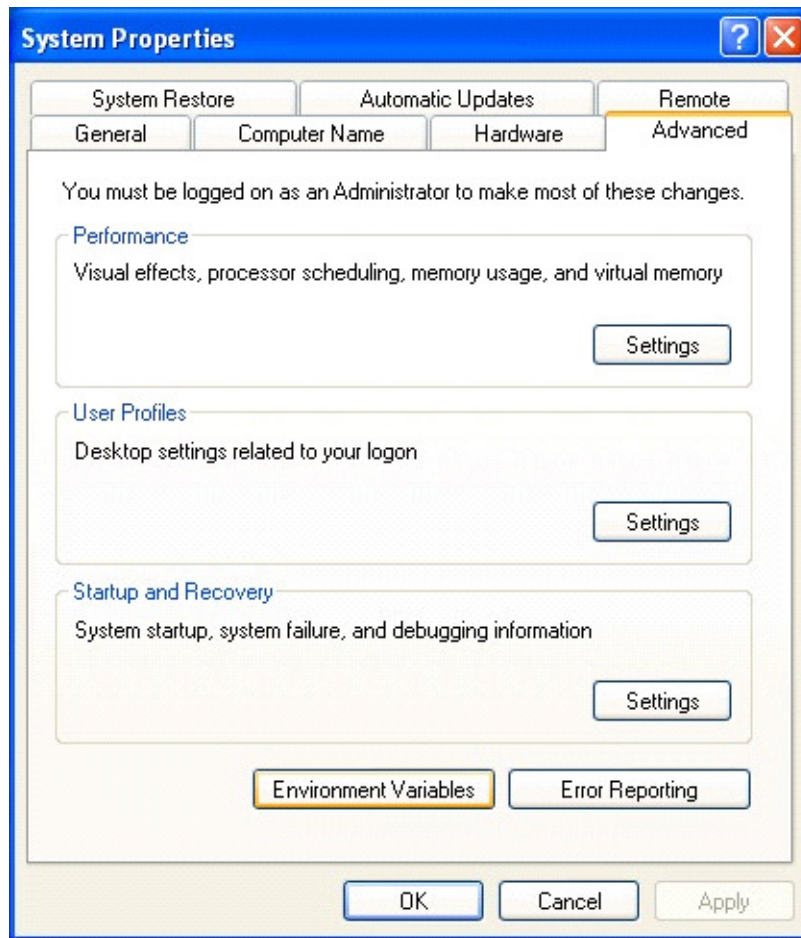
WinARM and Keil/ARM uVision

Jaroslav Ban from the Technical University Kosice kindly contributed some files which help to

After downloading decompress the file at using **C:\winarm**
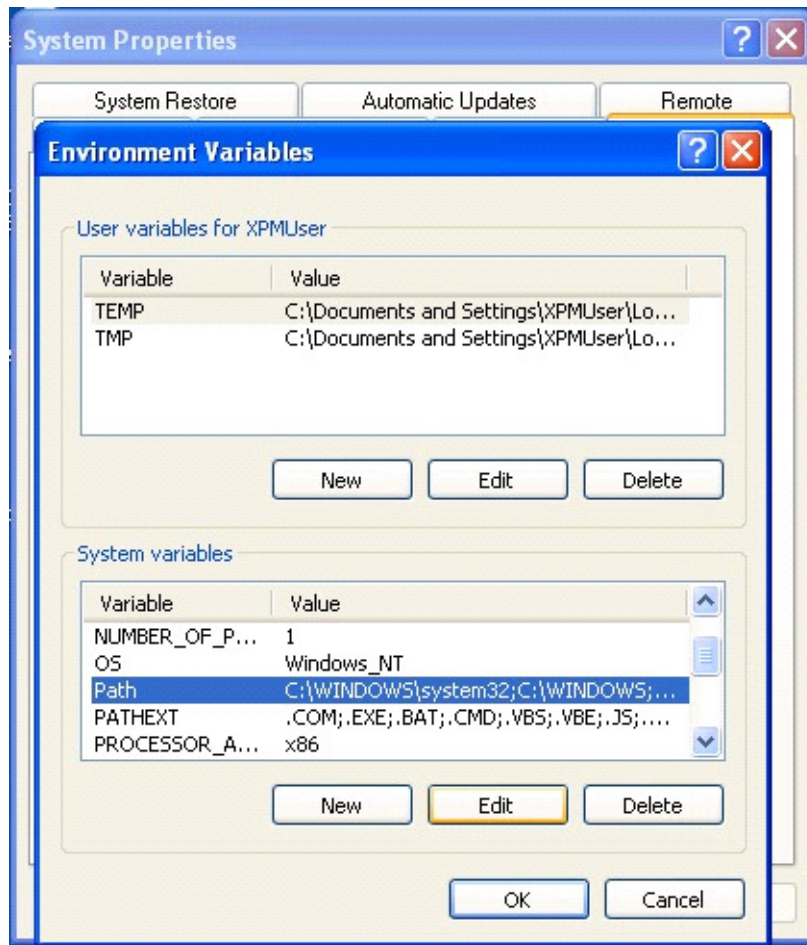

To execute WinARM properly it must be properly registered in the environment variables.

To view so go to Control Panel -> System; click on the 'Advanced' tab and click on the 'Environment Variables' button.
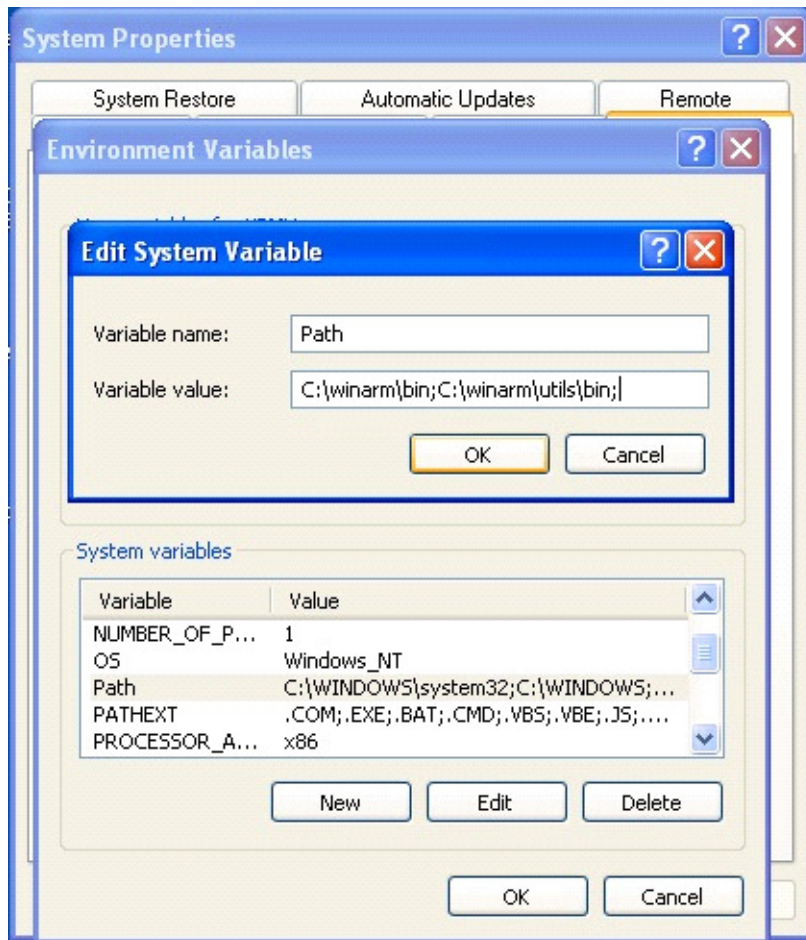
If a path already exists then click on 'Edit;' if not, click on 'New.'

Whether you edit or create a new path make sure it reads as listed below..
C:\WinARM\bin;C:\WinARM\utils\bin;

To verify proper WinARM installation run the program with 'arm-eabi-gcc –v.'

Eclipse Installation

To download Eclipse visit the link below.
http://www.eclipse.org/downloads/

Select the proper version "Eclipse IDE for C/C++ Developers.".