

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>

Java SE Downloads

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JDK + Java EE Bundle

Here are the Java SE downloads in detail.

Java Platform, Standard Edition		
Java SE 6 Update 23 This release includes performance improvements and bug fixes. Learn more 		
What Java Do I Need? You must have a copy of the JRE (Java Runtime Environment) on your system to run Java applications and applets. To develop Java applications and applets, you need the JDK (Java Development Kit), which includes the JRE.	Download JDK	Download JRE
	JDK 6 Docs	JRE 6 Docs
	Installation Instructions	Installation Instructions
	ReadMe	ReadMe
	ReleaseNotes	ReleaseNotes
	Oracle License	Oracle License
	Third Party Licenses	Third Party Licenses
	Supported System Configurations	Supported System Configurations

Java SE Runtime Environment 6u23

Provide Information, then Continue to Download

Select Platform and Language for your download:

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Language:

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☐ I agree to the [Java SE Runtime Environment 6u23 with JavaFX License Agreement](#).

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 interfacing \(GPIO\)](#) (last Update 19. March 2007)
- [A small demo for the LPC2106 and LPC2129 \(ARM7TDMI\) controllers - LED and button interfacing \(GPIO\) and Timer-Interrupt\(via VIC\)](#) (last Update 19. March 2007)
- [A small demo for the LPC2106 \(ARM7TDMI\) controller - UART Programming](#) (last Update 19. March 2007)

Or you may use the direct link listed below..

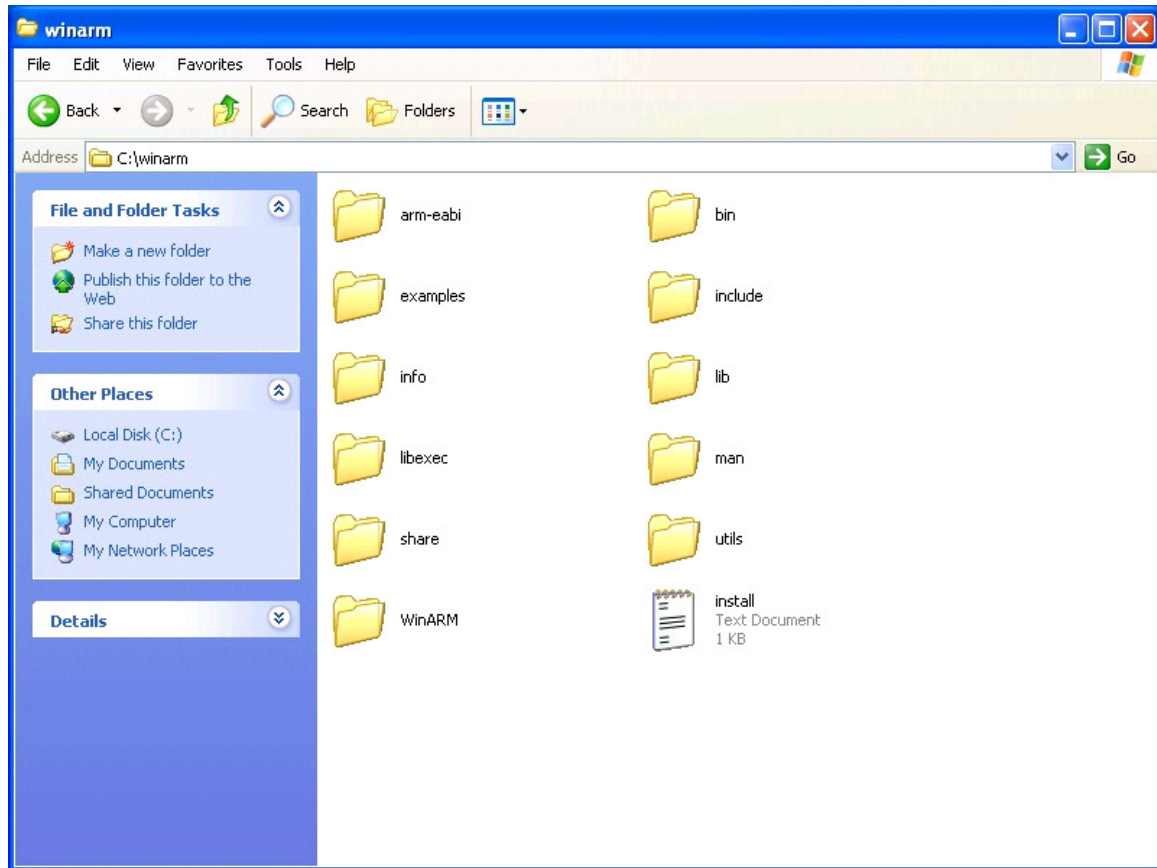
http://www.siawwi.arubi.uni-kl.de/avr_projects/arm_projects/winarmtests/WinARM_20080331_testing.zip

- [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

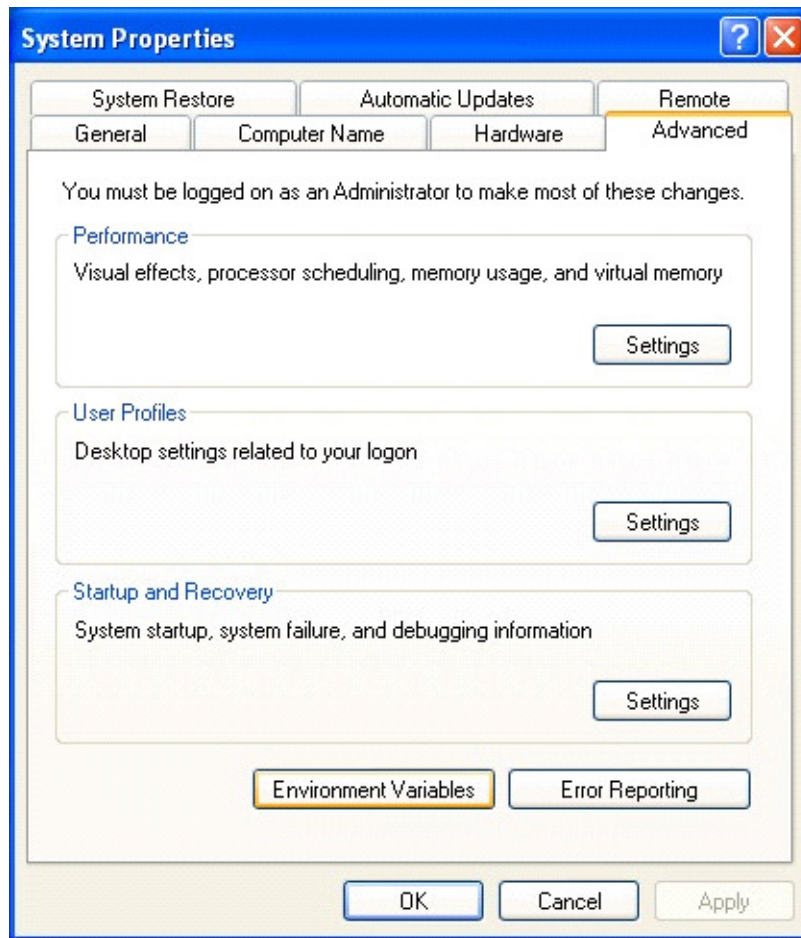
Taraslav Ran from the Technical University Kosice kindly contributed some files which help to

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

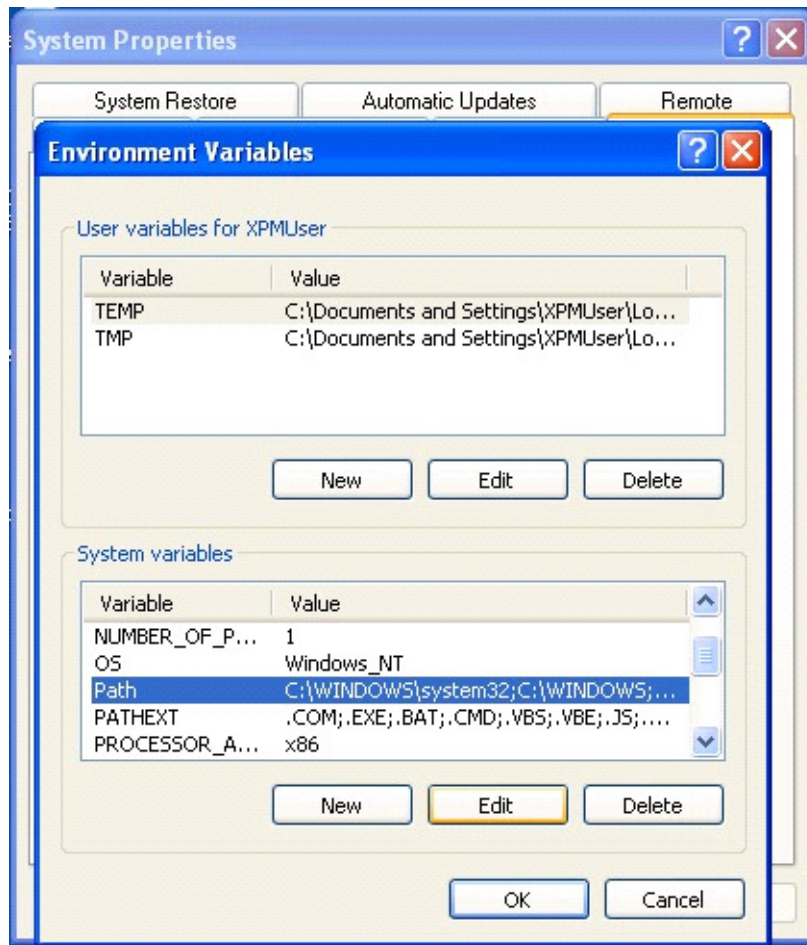


To execute WinARM properly it must be properly registered in the environment variables.

To view so go to Control Panel -> System; click on the 'Advanced' tab and click on the 'Environment Variables' button.

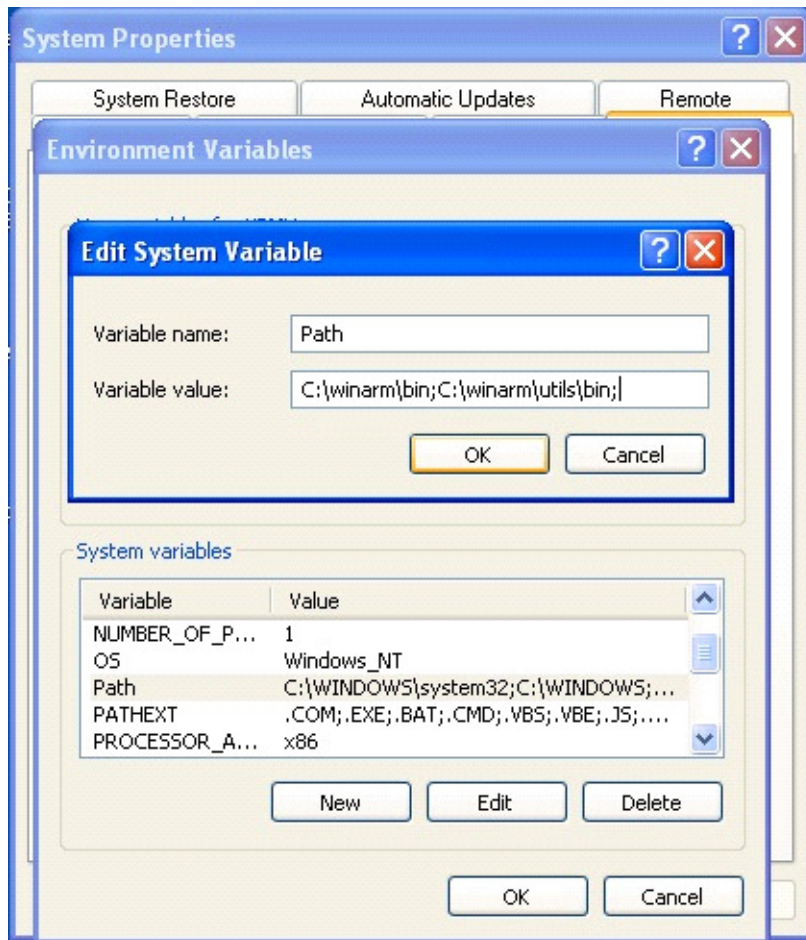


If a path already exists then click on 'Edit;' if not, click on 'New.'



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.'

```

관리자: C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>arm-eabi-gcc -v
Using built-in specs.
Target: arm-eabi
Configured with: ../gcc-4.3.0/configure --with-pkgversion='WinARM March 2008' --
with-bugurl=http://en.mikrocontroller.net/forum/17 --target=arm-eabi --prefix=/c
/WinARM --disable-nls --disable-shared --disable-threads --with-gcc --with-gnu-l
d --with-gnu-as --enable-languages=c,c++ --enable-interwork --enable-multilib --
disable-libssp --disable-libstdc++-pch --disable-libmudflap --disable-win32-regi
stry --disable-libgomp --with-dwarf2 --program-prefix=arm-eabi- --with-newlib --
disable-newlib-supplied-syscalls --disable-libunwind-exceptions --disable-newlib
-atexit-dynamic-alloc --with-gmp=/c/winarms/build/gmp_mpfr --with-mpfr=/c/winarm
s/build/gmp_mpfr -v
Thread model: single
gcc version 4.3.0 (WinARM March 2008)

C:\Users\Administrator>

```

Eclipse Installation

To download Eclipse visit the link below.

<http://www.eclipse.org/downloads/>

The screenshot shows the Eclipse Downloads page. The main navigation bar includes links for Home, Downloads, Users, Members, Committers, Resources, Projects, and About Us. A Google Custom Search bar is also present. The page title is 'Eclipse Downloads'. Below the title, there are tabs for Packages, Developer Builds, and Projects. The 'Packages' tab is selected, and the 'Eclipse Helios (3.6.1) Packages for Windows' dropdown is open. The list of packages includes:

- Eclipse IDE for Java Developers, 99 MB, Downloaded 1,832,551 Times, Details, Windows 32 Bit, Windows 64 Bit
- Eclipse IDE for Java EE Developers, 206 MB, Downloaded 1,265,992 Times, Details, Windows 32 Bit, Windows 64 Bit
- Eclipse Classic 3.6.1, 170 MB, Downloaded 520,504 Times, Details, Other Downloads, Windows 32 Bit, Windows 64 Bit
- Actuate BIRT Designer Pro, Promoted Download, Add Flash, live Excel formulas, DBMS drivers and much more to your BIRT reports, Download
- Eclipse IDE for C/C++ Developers, 88 MB, Downloaded 488,078 Times, Details, Windows 32 Bit, Windows 64 Bit** (highlighted with a red box)
- Eclipse for PHP Developers, 141 MB, Downloaded 269,108 Times, Details, Windows 32 Bit, Windows 64 Bit
- Eclipse IDE for JavaScript Web Developers, 108 MB, Downloaded 99,579 Times, Details, Windows 32 Bit, Windows 64 Bit
- Eclipse Modeling Tools (includes Incubating components), 249 MB, Downloaded 73,907 Times, Details, Windows 32 Bit, Windows 64 Bit

On the right side, there is a 'Hint' section stating: 'You will need a Java runtime environment (JRE) to use Eclipse (Java 5 JRE recommended). All downloads are provided under the terms and conditions of the Eclipse Foundation Software User Agreement unless otherwise specified.' Below the hint is a sidebar with a 'INSTALL MORE' button, a link to 'EXPLORE TOP 10 PLUGINS', and a section titled 'Installing Eclipse' with links for 'Install Guide', 'Known Issues', and 'Updating Eclipse'. At the bottom of the sidebar is a 'Related Links' section.

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