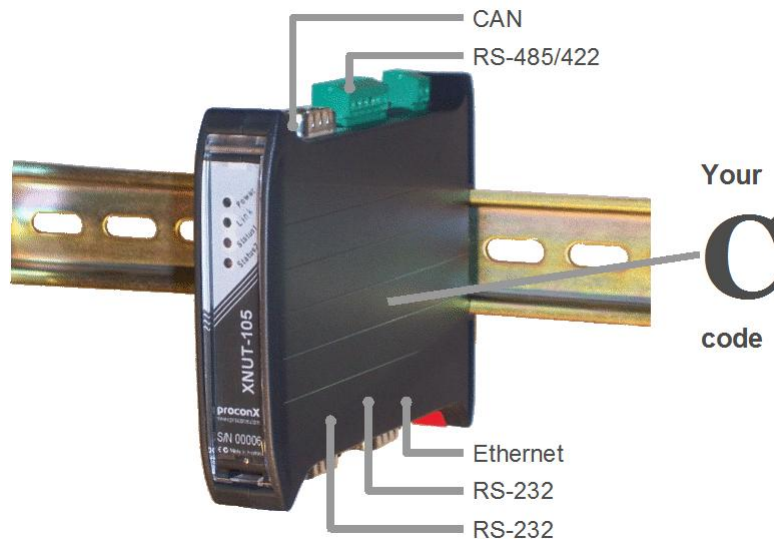


Installation of the AVR-GCC compiler toolchain

Application Note 102

Revision 2, October 2008



This Application Note describes how to install the AVR-GCC compiler toolchain correctly for use with the XNUT-100 and XNUT-105 modules.

Prerequisites

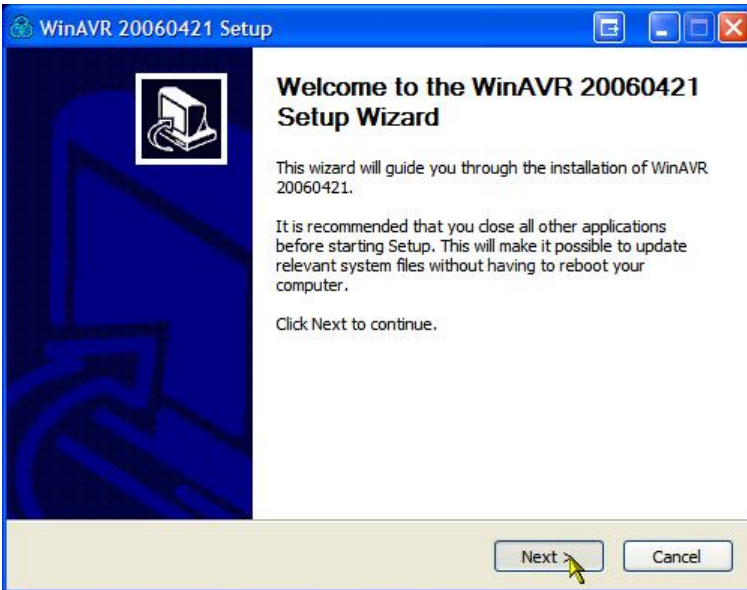
You need *WinAVR* Release 20060125 or later for the XNUT modules. The latest version of *WinAVR* can be downloaded from here: <http://winavr.sourceforge.net/download.html>

We recommend to use *WinAVR* Release 20060125 which is available from the *proconX* website. It produces more compact code compared to more recent versions.

Installation on Windows step by step

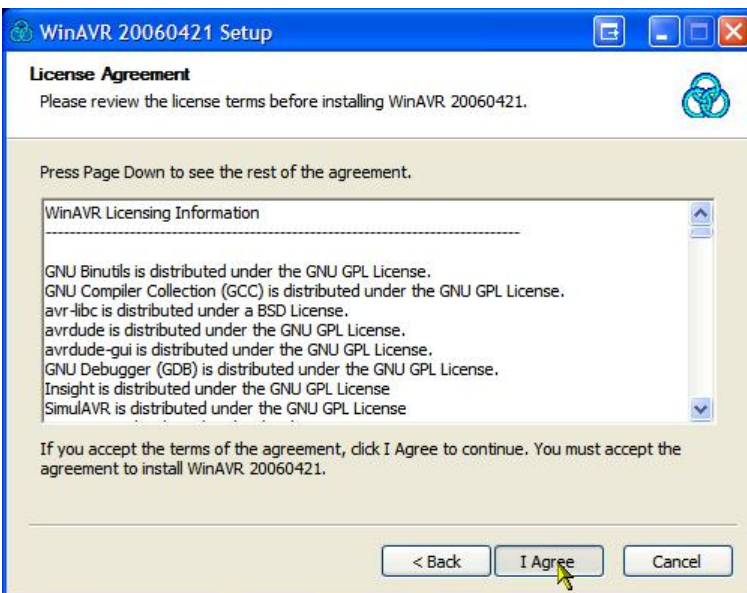
Run the self-extracting Installer executable. It presents first a language selection dialog. Select English. Other languages are currently not supported.

The next dialog presents the version number. Click **Next** to continue.



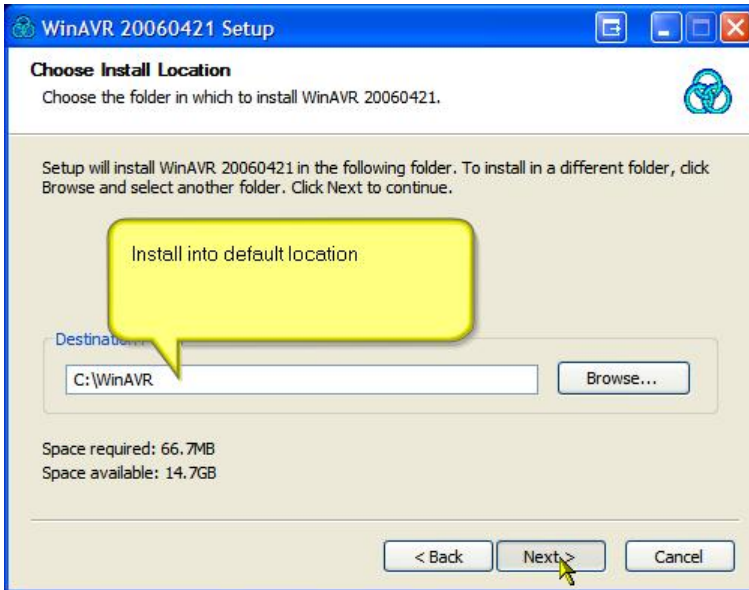
Welcome Screen

Read and accept the license terms. The toolchain is free to use for commercial applications.



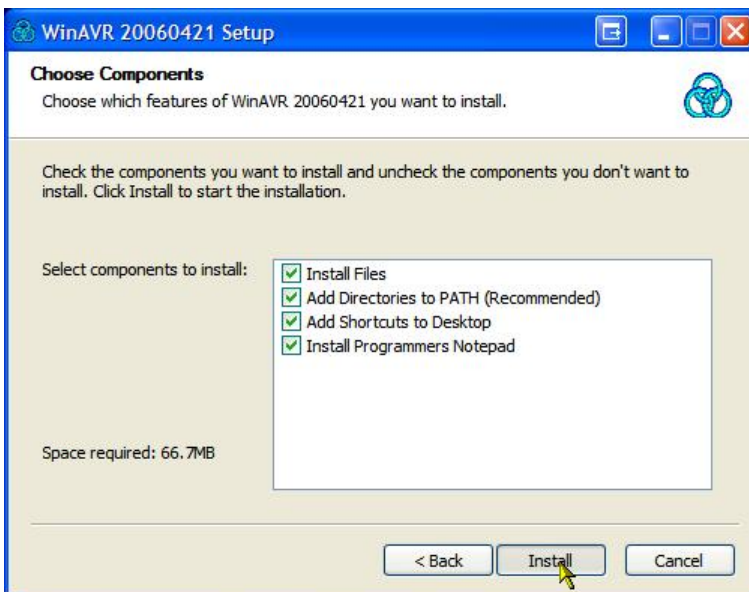
License Agreement

Confirm the Destination Folder. We recommend to keep the setting suggested by the installer. Click **Next** to continue.



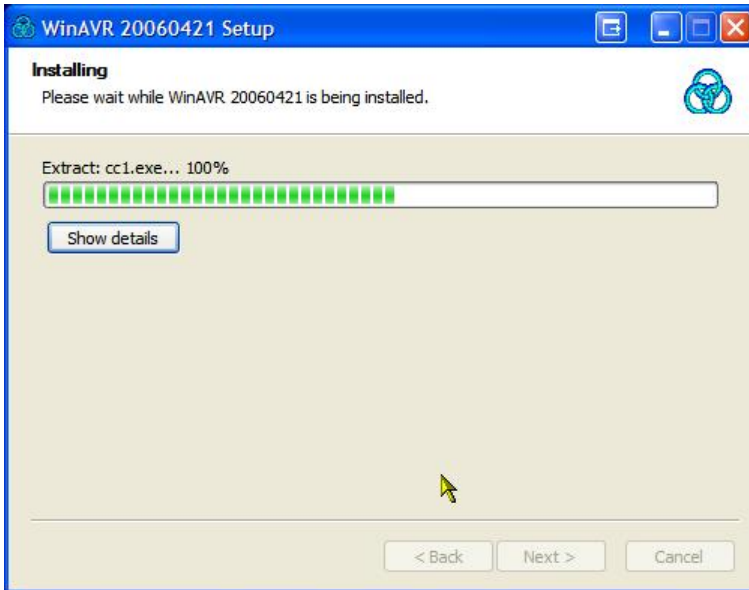
Installation Path

Select all components for installation. You may uncheck **Install Programmers Notepad** if you have an editor already installed.



Installation Components

The installation is running.



Installation Progress

The installation is completed, click **Finish** to exit the installer.



Finished

The AVR-GCC compiler toolchain is installed and ready to be used. You probably want to install also the *Nut/OS* operating system. Installation and configuration of *Nut/OS* is described in separate Application Notes.

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