Tutorial - Installing Freescale CodeWarrior

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Revisions

| Version | Date | Changes | | |
|--|---------------------------|--|--|--|
| 1.0 | 2013-02-26 | First release (CodeWarrior 10.3) | | |
| 1.1 2013-05-08 Update (CodeWarrior 10.4) | | | | |
| 1.2 | 2013-10-12 | Update (CodeWarrior 10.5) | | |
| 1.3 | Update (CodeWarrior 10.6) | | | |
| 1.4 | 2014-10-19 | Update (CodeWarrior 10.6 - Need to keep default installation | | |
| 1.4 | 2014-10-19 | directory to avoid USBDM issues) | | |

Introduction

This tutorial explains how to install Freescale CodeWarrior V10.6 Eclipse Special Edition (available for free) on a Windows computer. I suppose in this tutorial that you never installed CodeWarrior. If not, first uninstall your previous CodeWarrior installation using the Control Panel.

1 Download Freescale CodeWarrior

Freescale CodeWarrior Special Edition is available on Freescale website: <u>http://www.freescale.com/webapp/sps/site/overview.jsp?code=CW_SPECIALEDITIONS.</u>

Download "Special Edition: CodeWarrior for Microcontrollers 10.6 (Eclipse, Offline)".

|) 🕙 www. freescale.com /webapp/sps/site/overview.jsp?code=CW_SPECIALEDITIONS | ☆ ▽ | C 8- | Google | | ₽ ₽ | | | - |
|--|-----------|--------|---------|-------|-----|-------------|-----------|---|
| Return to Top lecial Edition Software Design Tools ftware Development Tools IDE - Debug, Compile and Build Tools | | | | | | | | |
| ID and Description | Vendor ID | Format | Size K | Rev # | A | vailability | | |
| Special Edition: CodeWarrior for 56800/E Digital Signal Controllers - code size limitation: 64KD Note: To help speed up the download of large files and attain resume capabilities, please download a internet download manager for you region. | FREESCALE | exe | 254927 | 8.3 | | Download | | |
| Special Edition: CodeWarrior for MPC55xx/MPC56xx v2.10 (Classic) Note: To help speed up the download of large files and attain resume capabilities, please download a internet download manager for you region. | FREESCALE | exe | 248975 | V2.10 | | Download | | |
| Special Edition: CodeWarrior for ColdFire Architectures (Classic, Windows hosted) Note: To help speed up the download of large files and attain resume capabilities, please download a internet download manager for you region. | FREESCALE | exe | 256973 | 7.2 | | Download | | |
| Special Edition: CodeWarrior for Microcontrollers (Classic, Windows hosted) Note: To help speed up the download of large files and attain resume capabilities, please download a internet download manager for you region. | FREESCALE | exe | 458007 | 6.3 | | Download | | |
| Special Edition: CodeWarrior for HCS12(X) Microcontrollers (Classic) Note: To help speed up the download of large files and attain resume capabilities, | FREESCALE | exe | 363128 | 5.1 | | Download | | |
| Special Edition: CodeWarrior for Microcontrollers 10.6 (Eclipse, Offline) Note: To help speed up the download of large files and attain resume capabilities, please download a internet download manager for you region. This image contains the complete CW MCU v10.6 tool suite and an installer, | FREESCALE | exe | 1442816 | 10.6 | | Download | | |
| Special Edition: CodeWarrior for Microcontrollers 10.6 (Eclipse, Online) Note: To help speed up the download of large files and attain resume capabilities, please download a internet download manager for you region. This image contains | FREESCALE | exe | 443392 | 10.6 | | Download | + back | |

You will get a file called "CW_MCU_v10.6_ SE_Offline.exe".

Please take care to the size of the installer (more than 1.4GB). You need an high speed Internet connection to download it.

CodeWarrior Eclipse Online Edition installer is smaller but will download the required tools later during the installation.

Install Freescale CodeWarrior 2

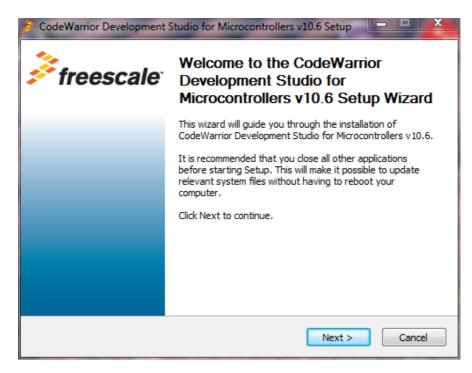
Execute the installer.

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|--|--|------------------|---------------|----------------------|-------|---|
| Ordinateur 🕨 | Disque local (C:) Utilisateurs Storm Téle | échargements · | 🕶 🍫 Recherche | r dans : Télécharger | nents | ٩ |
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| 🔆 Favoris | Nom | Modifié le | Туре | Taille | | |
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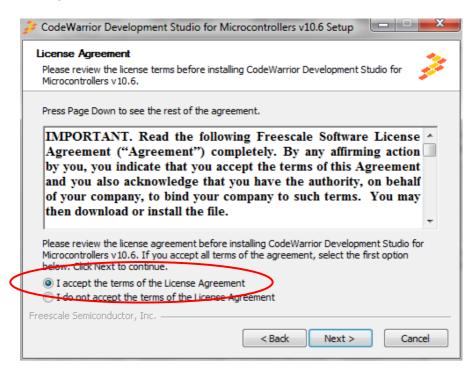
The installer extracts some files. Please wait, it takes some few minutes to complete.

| 🔑 8% Extracting | | × |
|-----------------|--------|---|
| | | |
| | Cancel | |

A wizard is displayed. Click "Next".



Accept the License Agreement and click "Next".



License Agreement. Click "I Agree" to continue.

| 🌽 CodeWarrior Development Studio for Microcontrollers v10.6 Setup |
|--|
| License Agreement Please review the license terms before installing CodeWarrior Development Studio for Microcontrollers v10.6. |
| Press Page Down to see the rest of the agreement. |
| [IMPORTANT. Read the following Freescale Semiconductor Software License Agreement ("Agreement") completely. By selecting the "I Accept" button below, you indicate that you accept the terms of this Agreement. You may then install the software. FREESCALE SEMICONDUCTOR SOFTWARE LICENSE AGREEMENT [SOFTWARE FOR: Freescale MQX] |
| This is a legal agreement between you (either as an individual or as an authorized representative of your employer) and Freescale Semiconductor, Inc. ("Freescale"). It concerns your rights to use this file and any accompanying written materials (the - |
| If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install CodeWarrior Development Studio for Microcontrollers v10.6. |
| Freescale Semiconductor, Inc |

Product Release Announcement. Click "Next".

| CodeWarrior Development Studio for Microcontrollers v10.6 Setup Product Release Announcement Please read the Product Release Announcement | , <u> ×</u> |
|--|-------------|
| Welcome to CodeWarrior Development Studio for Microcontrollers Version 10.6 For a complete, detailed list of new features, bug fixes, and other important information, refer to the product release notes within the "Release_Notes" folder of the product layout. | |
| | * |
| Freescale Semiconductor, Inc | > Cancel |

The installer now asks you to choose the components to install. I have personally chosen to install all the components, which requires about 5.4GB on my hard disk drive. Additional components can be installed later in Eclipse. Make your selection and click "Next".

| 🌽 CodeWarrior Development S | itudio for Microcontrollers v10.6 Setup |
|--|---|
| Choose Components Choose which features of Code you want to install. | Warrior Development Studio for Microcontrollers v 10.6 |
| Check the components you war install. Click Next to continue. | nt to install and uncheck the components you don't want to |
| Select components to install: | ✓ ColdFire/Sensors ✓ DSC ✓ Kinetis ✓ Qorivva ✓ S12Z ✓ S08/RS08 |
| Space required: 3.2GB | Description Position your mouse over a component to see its description, |
| Freescale Semiconductor, Inc. — | < Back Next > Cancel |

License Agreement. Click "I Agree" to continue.

| CodeSourcery License Agreement CodeSourcery components were selected, you must read and accept the agreement displayed | 1 |
|---|--------|
| Press Page Down to see the rest of the agreement. | |
| CODESOURCERY, INC. ("CODESOURCERY") IS WILLING TO LICENSE THE SOFTWARE ONLY UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS CONTAINED IN THIS SOFTWARE LICENSE AGREEMENT. PLEASE READ THE TERMS CAREFULLY. BY CLICKING ON "I accept the terms of the License Agreement", YOU WILL INDICATE YOUR AGREEMENT WITH THEM. IF YOU ARE ENTERING INTO THIS AGREEMENT ON BEHALF OF A COMPANY OR OTHER LEGAL ENTITY, YOUR ACCEPTANCE REPRESENTS THAT YOU HAVE THE AUTHORITY TO BIND SUCH ENTITY TO THESE TERMS, IN WHICH CASE "YOU" OR "YOUR" SHALL REFER TO YOUR ENTITY. IF YOU DO NOT AGREE WITH THESE TERMS, OR IF YOU DO NOT HAVE THE AUTHORITY TO BIND YOUR ENTITY, THEN | • |
| You have selected for installation CodeSourcery components, to continue you must ac the agreement displayed. If you do not agree, please press the Back button and dese CodeSourcery components to skip this license prompt. | |
| | Cancel |

The default CodeWarrior installation path is "C:\Freescale\CW MCU v10.6". It is important to keep this installation path because some parts of CodeWarrior may not work if you choose another location. Particularly, I do not recommend anymore to install CodeWarrior in the "Program Files" directory.

Click "Next".

| CodeWarrior Development Studio for Microcontrollers v10.6 Setup |
|---|
| Choose Install Location |
| Choose the folder in which to install CodeWarrior Development Studio for Microcontrollers v10.6. |
| Setup will install CodeWarrior Development Studio for Microcontrollers v10.6 in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue. |
| - Destination Folder |
| C:\Freescale\CW MCU v10.6 Browse |
| |
| Space required: 3.2GB |
| Space available: 81.0GB |
| Freescale Semiconductor, Inc |
| < Back Next > Cancel |

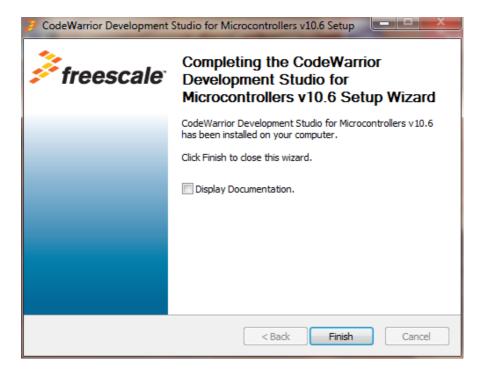
The installer is now ready. Click "Next" to validate the installation.

| 🌽 CodeWarrior Development Studio for Microcontrollers v10.6 Setup |
|---|
| Ready to Install the Program The wizard is ready to begin the installation. |
| Click Next to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard. |
| |
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| Freescale Semiconductor, Inc |

The setup takes several minutes to complete.

| Installing | | | | | - |
|---|-------------|------------------|-------------|---------------|------|
| Please wait while CodeWarrior installed. | Development | Studio for Micro | controllers | v 10.6 is bei | ng 🏄 |
| Extract: add_genericregister_ | obj.gif | | | | |
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| Show details | | | | | |
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| reescale Semiconductor, Inc. — | | | | | |
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The installation ends. Click "Finish" to close the wizard.



Conclusion

It is now possible to use Freescale CodeWarrior. Some shortcuts are available in the start menu. If you plan to use the USBDM, you can now proceed to its installation. A tutorial is available on my website at http://myfreescalewebpage.free.fr in you need some help.

Appendix - Uninstalling Freescale CodeWarrior

Uninstalling Freescale CodeWarrior is done very simply using the Control Panel. Select CodeWarrior and click "Uninstall" button.

| | | - | 10 | | | × |
|--|---|--|--|-----------------------------------|----------------------------|-------|
| 🚱 🍚 🗕 🕅 🕨 Panneau de conf | iguration 🔸 Tous les Panneaux de configuration 🕨 Progra | mmes et fonctionnalités | ✓ 4 Re | chercher dans : | Programmes et f | onc 🔎 |
| Page d'accueil du panneau de configuration Afficher les mises à jour installées | Désinstaller ou modifier un programme Pour désinstaller un programme, sélectionnez-le dans | la liste et cliquez sur Désinstaller, N | lodifier ou Répa | rer. | | |
| Activer ou désactiver des fonctionnalités Windows | Organiser 🗸 Désinstaller/Modifier | | | | E≡Car | |
| | Nom | Éditeur | Installé le | Taille | Version | ^ |
| | AFPL Ghostscript Fonts Album photo Microsoft 9 Archiveur WinRAR | Microsoft Corporation | 21/09/2011 19/03/2011 18/03/2011 | | 9.00.0000 | E |
| | Astérix aux Jeux Olympiques ATI Catalyst Install Manager Beyond Compare Version 3.2.3 | Atari ATI Technologies, Inc. Scooter Software | 28/07/2011 18/03/2011 18/12/2011 | 22,1 Mo | 3.0.765.0 | |
| | Chinese Simplified Fonts Support For Adobe Reader X CodeBlocks CodeSourcery distributed P&E USB CYPRO PPORT Drun | Adobe Systems Incorporated The Code::Blocks Team CodeSourcery (http://www.codm | 03/06/2011 17/10/2011 15/07/2011 | 86,6 Mo 10,1 Me | 10.0.0 10.05 1.1.0.0 | |
| | A CodeWarrior Development Studio for Microcontroller | Freescale Semiconductor, Inc. | 12/10/2013 | 3,20 Go | 10.5 | |
| L | Cppcheck1.48 | The Cpp check team | 30/04/2011 | 14,4 Ma | 1.48.0 | |
| | Crystal Reports Basic for Visual Studio 2008 | Business Objects | 27/03/2011 | 173 Mo | 10.5.0.0 | |
| | Crystal Reports Basic French Language Pack for Visua | - | 27/03/2011 | 19,2 Mo | | |
| | Crystal Reports Basic Runtime for Visual Studio 2008 (| | 27/03/2011 | 64,6 Mo | | |
| | Crystal Reports Basic Runtime French Language Pack CutePDF Writer 2.8 | Business Objects | 27/03/2011 26/02/2012 | 2,51 Mo | 10.5.0.0 | |
| | 🐼 DivX | DivXNetworks, Inc. | 19/03/2011 | | 6.0.3 | |
| | Cocklight V1.6 | Flachmann und Heggelbacher | 19/03/2011 | | | |
| | doxvaen 1.8.5 | Dimitri van Heesch | 07/09/2013 | 41.2 Mo | 1.8.5 | - |
| | Freescale Semiconductor, Inc. Version du p | roduit : 10.5 : l'aide : http://www.freescale.c | | oor http://www aille : 3,20 Go | w.freescale.com | |

The following wizard is displayed.

| CodeWarrior Devel | lopment Studio for Microcontrollers v10.5 Uninsta 💶 💷 💻 🏹 |
|------------------------|---|
| | rior Development Studio for Microcontrollers v10.5 r Development Studio for Microcontrollers v10.5 from your |
| | oment Studio for Microcontrollers v10.5 will be uninstalled from the Winnstall to start the uninstallation. |
| Uninstalling from: | C:\Program Files (x86)\Freescale\CW MCU v10.5\ |
| | |
| | |
| | |
| | |
| Freescale Semiconducto | Uninstall Cancel |

Click "Uninstall" to proceed.

| U | ninstalling |
|---|---|
| | Please wait while CodeWarrior Development Studio for Microcontrollers v10.5 is being uninstalled. |
| [| Delete file: C:\Program Files (x86)\Freescale\CW MCU v10.5\MCU\ARM_EABI_Support\ewl\EV |
| | |
| | Delete file: C:\Program Files (x86)\Freescale\CW MCU v10.5\MCU\ARM_EABI_Suppo |
| | Delete file: C:\Program Files (x86)\Freescale\CW MCU v10.5\MCU\ARM_EABI_Suppo |
| | Delete file: C:\Program Files (x86)\Freescale\CW MCU v10.5\MCU\ARM_EABI_Suppo |
| | Delete file: C:\Program Files (x86)\Freescale\CW MCU v10.5\MCU\ARM_EABI_Suppo |
| | Delete file: C:\Program Files (x86)\Freescale\CW MCU v10.5\MCU\ARM_EABI_Suppo |
| | Delete file: C:\Program Files (x86)\Freescale\CW MCU v10.5\MCU\ARM_EABI_Suppo |
| | Delete file: C:\Program Files (x86)\Freescale\CW MCU v10.5\MCU\ARM_EABI_Suppo |
| | Delete file: C:\Program Files (x86)\Freescale\CW MCU v10.5\MCU\ARM_EABI_Suppo |
| | Delete file: C:\Program Files (x86)\Freescale\CW MCU v10.5\MCU\ARM_EABI_Suppo |
| | |
| l | |
| e | escale Semiconductor, Inc |
| | |
| | < Back Next > Cancel |

It takes some few minutes to complete.

Click "Finish" to close the wizard.

