# ng Service Pack Updater Archive for CodeWarrior Tools (Windows)

# **Quick Start**

SYSTEM REQUIREMENTS		
Hardware	Windows® OS: PC with 1 GHz Intel® Pentium® compatible processor 2GB of RAM CD-ROM drive Enabled USB port Depending on host-target connection: Parallel Port, 9-pin Serial Port, or USB Port	
Operating System	Microsoft® Windows XP 32-bit and 64-bit (Professional Edition), Microsoft Windows Vista® 32-bit and 64-bit (Home Premium Edition and Business Edition), or Microsoft Windows 7 32-bit and 64-bit (Home Premium Edition and Professional Edition)	
Disk Space	20GB (When installing full product or updates for all architectures) 1GB on Windows system disk	

This Quick Start explains how to install service pack updater archive for your CodeWarrior software running on the Windows platform.

Support for new devices and/or updates can be added to the CodeWarrior Development Studio for Microcontrollers v10.x directly from the Internet (Online mode) or from a downloaded archive (Offline mode).

This document describes both the Offline and Online modes of updating CodeWarrior MCU v10.x and a troubleshooting update. These instructions will show you how to manipulate that list to ensure that you can focus on the right URL for the CodeWarrior tools update.

The topics covered in this document are:

- <u>Updating Online</u>: Lists the steps required to complete the update when you are connected to the Internet.
- <u>Troubleshooting Updates</u>: Lists the troubleshooting updates.



<u>sting Offline</u>: Lists the steps required to complete the update you are not connected to the Internet.

**NOTE** To ensure successful installation of service packs, updates, and patches select **Restart** in the **File** menu to perform a CodeWarrior restart. This will ensure all processes (e.g. debugger shell) are closed. CodeWarrior should NOT be used during the installation process.

# Section A: Updating Online

If your computer is connected to the Internet, you can install the service pack directly from the software site where the service pack is available.

To perform online updates perform these steps:

Step A: Select the Install New software menu command

Step B: Select the URL where you want to find the new software

Step C: Select which CodeWarrior updates to install

Step D: Install Selected Updates and Patches

#### Step A: Select the Install New software menu command

1. Open the CodeWarrior IDE.

**NOTE** If your CodeWarrior software is running on Windows 7, start the IDE using the Run as Admin option.

 Select Window > Close All Perspectives from the CodeWarrior IDE menu bar.



# **Close All Perspectives**

Window	
New Window	
New <u>E</u> ditor	
Open Perspective	
Show <u>V</u> iew	
Customize Perspective	
Save Perspective As	
Reset Perspective	
Close Perspective	
Close All Perspectives	
Navigation	×
🚸 Refresh Debug Views	
Preferences	

 Select Help > Install New Software from the CodeWarrior IDE menu bar.

Install New Soft	ware
Help	_
(?) Help Contents	
💖 S <u>e</u> arch	
Dynamic Help	
Videos	
Tips and Tricks	
Check for Updates	
Install New <u>S</u> oftware	
Documentation	
About CodeWarrior Development Studio	_

The Install dialog box appears.

**NOTE** Do not use the **Check for Updates** command. The Install New Software option is more comprehensive as it locates new service packs that are considered new software and are not the usual product updates.

#### Step B: Select the URL where you want to find the new software

From the **Work with** drop-down list, select the software site where the service pack you wish to install is available.



opulated by the **Available Software Sites** preferences window. Only those sites that are enabled in that **Preferences** window are listed.

**NOTE** In the following image the CodeWarrior tools update site selected has been named "*MCU Update*" which is a user-friendly name set up by the user.

🔑 Install	
Available Software	
Select a site or enter the location of a site.	
Work with:	<u>▲</u> dd
type or select a site All Available Sites	<u>es"</u> preferences.
type filter text	ose/MCU10_3/com.freescale.mcu.updatesite
Name	Version
① 1 There is no site selected.	
Select All	
_ Details	
Show only the latest versions of available software	Hide items that are already installed
Group items by category	What is <u>already installed</u> ?
Show only software applicable to target environment	
?	< Back Next > Einish Cancel

Install

Eclipse maintains a list of update sites (URLs) to which it refers when looking for new software. If the Freescale site does not appear you need to manage this list. The following step is devoted entirely to the details of managing the list of update sites.

**Quick one-time solution:** The URL for the Freescale CodeWarrior MCU 10.x tools is already populated in the **Work with** drop-down list and you can access it by clicking the down arrow.

The URL is: <u>http://freescale.com/lgfiles/updates/Eclipse/MCU10\_3/</u> com.freescale.mcu.updatesite.



If you want to edit a software site already available in the **Work with** dropdown list in the Available Software Sites preferences, perform these steps:

1. Click the **Available Software Sites** link to open the preferences window that enables you to manage the list of URLs.

The Available Software sites preferences window appears.

#### **Available Software Sites**

🥬 Install	
Available Software Select a site or enter the location of a si	te.
Work with: <sup>0</sup> type or select a site	Find more software by working with the " <u>Available Software Sites</u> " pre- rences.
type filter text	
Name	Version
☐ (i) There is no site selected.	

In this window you can add, edit, remove, enable, and disable a location. A location is a URL where the Eclipse environment looks for new software (an update, patch or plug-in tool).

2. Click the Edit button.

The Edit Site dialog box appears.

- 3. In the Edit Site dialog box, change the name and location as required.
- 4. Click **OK** to add site to the available software sites list.
- 5. Click **Reload** to test the change you made. If the software site is successfully added, a dialog box prompts that the site is available.

The following screen shot shows a successful test with the edited URL containing a slash at the end.



# **Reload Connection**

Je Preterences			_ 🗆 🛛
type filter text	Available Software Sites		⇔ - ⇔ - ▼
Gorand     Gorand     GCF+     Goldring Editor     Freecode Unoress     Hohy Souther     Honorate     Ho	Sype Rifer text       Name ▲       ♥ McOUlpdate       ● Reload       ● Reload       ● Reload       ● Statistical Statistics       ● Statistical Statistics	Location http://freescale.com/tyfiles/updates/Ecit http://pdates/Ecitopop/KUJ0_3/com/freescale.m bloaded from the server.	Add Banova Repair Repair Papera Espart
0			OK Cancel

- 6. Click **OK** to close the **Reload** dialog box.
- 7. Click OK to close and exit the Preferences window.

# Adding a new item

If the required software site is not available in the **Work with** drop-down list, add the web site to the list of the available software sites.

1. Click the **Available Software Sites** link to open the preferences window that enables you to manage the list of URLs.

The Available Software sites preferences window appears.

In this window you can add, edit, remove, enable, and disable a location. A location is a URL where the Eclipse environment looks for new software (an update, patch or plug-in tool).



🔑 Install	
Available Software Select a site or enter the location of a si	te.
Work with: <sup>0</sup> type or select a site	Add Find more software by working with the <u>Available Software Sites</u> pre-sences.
type filter text	
Name	Version

2. Click Add.

The Add Site dialog box appears.

- 3. In the **Name** text box, specify the name of the software site you want to add, such as MCU Update.
- 4. In the Location text box, specify the web site address. For example,

http://freescale.com/lgfiles/updates/Eclipse/MCU10	3/
com.freescale.mcu.updatesite.	

nces		
ext	Available Software Sites	$\Leftrightarrow * \Rightarrow * \bullet$
 5 2 Editor le Licenses Jpdate omatic Updates indeb Software Sites or Expert 1 Burch 1 Systems bug Configurations il nal Memory Rendering	type filter text         Name A       Location         Pane:       MCU Update         Location:       es/Eclipse/MCU10_3/com.freescale.mcu.updatestef)         Q       OK         Cancel	na <u>A</u> dd Edk Bemove Reload Disable Import Export
	(	OK Cancel

Add Site



# ect which CodeWarrior updates to install

There are options in this window to ensure that only that site is explored. This is important to avoid errors when updating.

In the following screenshot the options are set up appropriately.

🥬 Install			
Available S	Software	Г	
Check the it	ems that you wish to install.	۱	
<u>W</u> ork with:	MCU Update - http://freescale.com/lgfiles/updates/Eclip Find mo	ose/MCU10_3/com.freescale.mcu.updatesite	
type filter te	xt		
Name		Version	
⊕ 000 C     ⊕ 000 C     ⊕ 000 C     ⊕ 000 C     ⊕ 000 S     ⊕ 000 S     ⊕ 000 S     ⊕ 000 S	CaldFine(Sensors Support ScS Support W(Cortive Support W(Cortive Support 1222 Support 122 Support		
Show only	the latest versions of available software	Hide items that are already installed	
Group item	ns by category	What is <u>already installed</u> ?	
Show only	software applicable to target environment		
Contact al	l update sites during install to find required software		
K	Clear this checkbox.		
?		<back next=""> Einish Can</back>	cel

Set Options

- 1. Ensure to clear the **Contact all update sites during install to find required software** checkbox. You do not want to survey the entire universe of sites. You just want the CodeWarrior update site.
- Check the Show only the latest versions of software available and Hide items that are already installed checkboxes. This limits the items displayed to those of interest.

With the options set as noted, the list of items presented are the most current versions of updates available that are not installed on your computer. From that list, select those that are of interest to you.

# Step D: Install Selected Updates and Patches



xt in the Install dialog box.

The **Install Details** window appears listing some information about the items you selected.

- 2. Click **Next** to confirm the items to be installed.
- 3. Accept (or reject) the license agreement. If you reject the license agreement the install process will be cancelled.
- 4. Click Finish.

Progress dialog boxes will appear, unless always run such processes in the background is selected.

A security warning on unsigned content appears.

5. Click OK to continue.

**NOTE** During the installation a security warning of unsigned content appears. Click **OK** to continue. In case you do not select **OK** the installation will cancel.

# **Security Warning**



6. You will be asked to restart the CodeWarrior tools. Click Yes.

# Section B: Troubleshooting Updates

If you encounter a problem with an update you will see a dialog box like this:

# **Problem Occurred**



<sup>®</sup> Problem Occurred	
Install has encountered a problem. An error occurred while collecting items to be installed	
	OK C <detail< td=""></detail<>
An error occurred while collecting items to be installed session context was: (profile=PlatformProfile, phase=org,eclipse.equinox.interns No repository found containing: osgi.bundle.com.freescale.coldfire.cdt.gcc.toolc No repository found containing: osgi.bundle.com.freescale.coldfire.cdt.gcc.toolc No repository found containing: osgi.bundle.com.freescale.coldfire.cdt.scc.toolc No repository found containing: osgi.bundle.com.freescale.coldfire.cdt.buchtain the concilient and tabletain and hundle com freescale.coldfire.cdt.toolchain the concilient and tabletain and hundle com freescale.coldfire.cdt.toolchain	al, provisional, p2, engine, phases. Collect, operand=, a .0, 2, FSL, b02059 hain.nll, 1.0.2, FSL, b02059 h.10.15, FSL, b02059 al. 10.15 ESL b02059

This usually happens if the URL to the CodeWarrior update site is wrong (missing the slash for example), or if you are looking at non-CodeWarrior sites.

If you encounter this dialog box:

- 1. Select Window > Preferences from the CodeWarrior IDE menu bar.
- 2. Select Available Software Sites link.

The Available Software Sites dialog box appears.

- 3. Ensure that there is a corresponding location for the MCU 10.x tools in the **Location** list.
- 4. The location path has a slash at the end.

If there is no URL at all, add it. If there is no slash, edit the location to add the final slash. See <u>Editing an existing item</u> for instructions.

- **NOTE** Although it should not be necessary, as an additional protection against looking in the wrong place, you can also disable all other locations than the CodeWarrior update location.
- 5. Ensure you have cleared the **Contact all update sites** checkbox in the **Install New Software** dialog box.

# Section C: Updating Offline

The CodeWarrior for Microcontrollers v10.x updates and patches are available for direct download from the Freescale WEB. The online update mode is recommended since the updater system can determine what is



alled on your computer and automatically filter out older versions and updates/patches you already have.

For computers that do not have direct access to the WEB, updates can be installed manually from an archive.

However, there are times when doing things manually still works best. In recognition of that, here's how to do it manually.

To complete the update using the Offline mode, perform these steps.

Step A: Download a patch or update file

Step B: Select the Install New Software menu command

Step C: Open the archive and select software

Step D: Install Selected Updates and Patches

# Step A: Download a patch or update file

 Go to <u>http://www.freescale.com/codewarrior</u> and look for a download link. That will lead you to updates and patches for various versions of the CodeWarrior tools.

For CW MCU v10.x Updates and Patches WEB page the URL is:

http://www.freescale.com/webapp/sps/site/ overview.jsp?code=CW\_UPDATES\_MCU\_10\_3.

2. Identify the update(s) and patch(es) you need. Save them to your computer. Note the saved locations since you will need this information for the installation process. The update(s) and patch(es) are \*.zip file(s).

# Step B: Select the Install New Software menu command

- 1. Open the CodeWarrior IDE.
- **NOTE** If your CodeWarrior software is running on Windows 7, start the IDE using the Run as Admin option.
- Select Window > Close All Perspectives from the CodeWarrior IDE menu bar.



# **Close All Perspectives**

Window	
New Window	
New <u>E</u> ditor	
Open Perspective	×
Show <u>V</u> iew	۲.
Customize Perspective	
Save Perspective As	
Reset Perspective	
Close Perspective	
Close All Perspectives	
Navigation	F
🚸 Refresh Debug Views	
Preferences	

 Select Help > Install New Software from the CodeWarrior IDE menu bar.



The Install dialog box with the Available Software page appears.

# Step C: Open the archive and select software

1. Click Add in the Install dialog box.

The Add Site dialog box appears.



# Add Site

🥦 Install						
Available Select a site	Available Software Select a site or enter the location of a site.					
Work with:	type or select a site	End more software by working with the <u>Available Software Sites</u> prefere	ences.			
type filter te	od					
Name		Add Site				
Details	fhere is no site select	Name:         Lgcal           Location:         http://           @         OK				
			=			
Show only	the latest versions o	available software				
Group iter	ns by category	What is <u>already installed</u> ?				
☐ contact all update sites during install to find required software						
(?)		< Back Next > Einish Canc	el			

2. Click the Archive button because you are looking for a file archive.

The Repository Archive dialog box appears.

3. Navigate to the file you downloaded and saved in Step 1&2.

The name will appear in the Work with field, and the information about the update or patch will appear in the Install window, as shown below.



#### Install

🏸 İnstall			_ 🗆 🔀		
Available Software Check the items that you wish to install.					
Work with:	MCU Update - http://freescale.com/lgfiles/updates/Eci Find m	pse/MCU10_3/com.freescale.mcu.updatesite	<u>A</u> dd s" preferences.		
type filter text					
Image: ColdFree/Sensors Support         Image: ColdFree/Sensors Support           Image: ColdFree/Sensors Support         Image: ColdFree/Sensors Sensors					
Deselect Al Details					
Show only	the latest versions of available software	Hide items that are already installed			
Group iter	ns by category	What is <u>already installed</u> ?			
Show only	software applicable to target environment				
Contact a	I update sites during install to find required software)				
?		< <u>Back</u> <u>N</u> ext > <u>Einish</u>	Cancel		

- 4. Ensure to clear the **Contact all update sites during install to find required software** checkbox. You do not want to survey the entire universe of sites. You just want the CodeWarrior update site.
- Check the Show only the latest versions of software available and Hide items that are already installed checkboxes. This limits the items displayed to those of interest.

With the options set as noted, the list of items presented are the most current versions of updates available that are not installed on your computer. From that list, select those that are of interest to you.

# Step D: Install Selected Updates and Patches

1. Click **Next** in the Install dialog box.

The **Install Details** window appears listing some information about the items you selected.

- 2. Click **Next** to confirm the items to be installed.
- 3. Accept (or reject) the license agreement. If you reject the license agreement the install process will be cancelled.



Progress dialogs will appear, unless always run processes in the background is selected.

- 5. You will be prompted to select the trusted certificate.
- **NOTE** During the installation a security warning of unsigned content appears. Click **OK** to continue. In case you do not select **OK** the installation will cancel.

#### **Trusted Certificates**

🥦 Security Warning				
Warning: You are installing software that contains unsigned content. The authenticity or validity of this software cannot be established. Do you want to continue with the installation?				
	OK Cancel Details >>			

6. You will be asked to restart the CodeWarrior tools. Click **Yes**.

# **Congratulations!**

You have successfully installed Service Pack for your CodeWarrior software!



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