Warrior Development Studio

USB Dongle Licensing
Quick Start

This quick start guide explains how to lock your license to a USB dongle. By locking your license to a USB dongle, you can extend the license for your CodeWarrior software, so that you can use the software on multiple computers. Follow the steps in this quick start to activate your USB dongle device and dongle license for multiple computers.

Install the *CodeWarrior Development Studio* software according to the instructions in the *Quick Start* guide, which is included with the Software package.

NOTE   Do NOT register for your permanent license yet. You must read the USB dongle FLEXid from the host machine first.
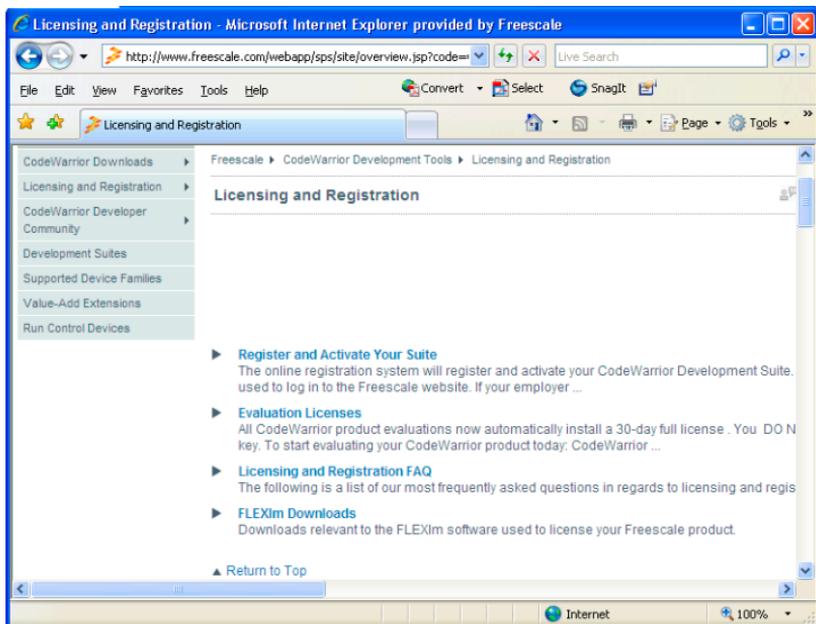
Section A: Installing USB Dongle Driver

If the dongle driver is not included with your CodeWarrior installation software:
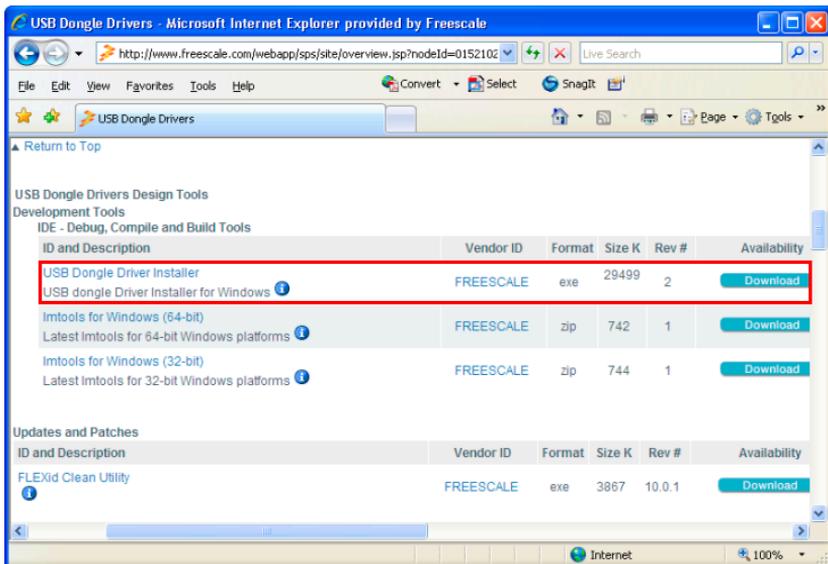
1. Access www.freescale.com.

NOTE   You have to login using your registered Email address and password.

2. Select **Products > Software and Tools > CodeWarrior Development Tools**.
3. Click **Licensing and Registration** in the **Design Resources** section on the left.

Licensing and Registration Page

4. From the menu on the left, select **Licensing and Registration >
FLEXlm Downloads > USB Dongle Drivers**.

USB Dongle Drivers Page

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...d the file **USB Dongle Driver Installer**
(FLEXId_Dongle_Driver_Installer.exe).

NOTE   In case the USB dongle drivers have been installed on the host machine previously, download and run the *FLEXid Clean Utility* (FlEXidCleanUtility.exe), available on the same web page to avoid conflicts.
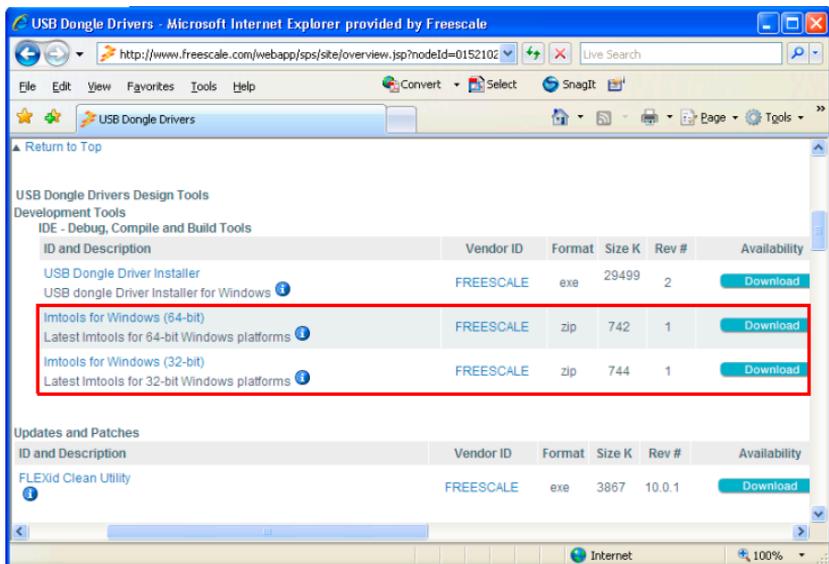
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6. Run the FLEXId_Dongle_Driver_Installer.exe file.

7. Follow the onscreen instructions to install the USB dongle driver.

NOTE   In the **Select Options** page of the installation wizard, check only the **FLEXid 9 Drivers** checkbox, since these are the USB dongle drivers, so there is no need to install the other driver options (e.g., FLEXid 6_7 Drivers, FLEXid 8 Drivers, FLEXid 10 Drivers).

Section B: Installing lmtools

To install the lmtools:

1. In the same navigation window (USB Dongle Drivers), select the *lmtools* software for the desired operating system.
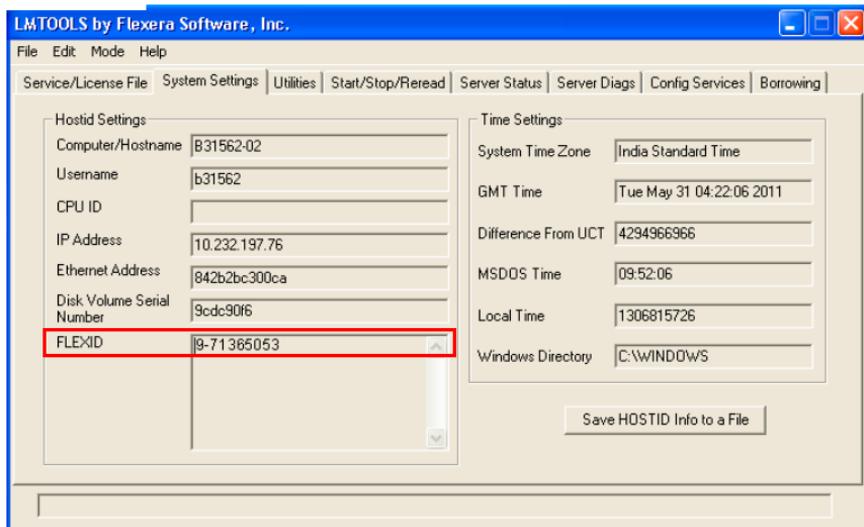
2. Click **Download**.

3. Extract the `lmtools.exe` from the downloaded zip file to the desired location.

Section C: Verifying Host PC Compatibility

To verify that the host PC can read the USB dongle FLEXid properly with FLEXlm:

1. Plug the dongle into the built-in USB port on the host machine. Windows automatically searches for the new USB device.

2. Access the location where you have extracted the `lmtools.exe` file, and double-click it to open the LMTOOLS window.

3. Click the **System Settings** tab, to verify that the host PC can read the FLEXid.

NOTE   The FLEXid must appear in the **FLEXID** list box as the figure System Settings Tab shows. The FLEXid has a 9-xxxxxxxx format and should match the id placed on the side of your USB dongle.

System Settings Tab

When the USB dongle is connected to the host machine, the LED on the dongle lights up. The LED indicates that dongle is receiving power from the host machine.

Now that you have properly installed and verified that your USB dongle is being recognized by your host machine, you need to register and activate your CodeWarrior product and host it to your USB dongle.

Section D: Registering and Activating

Register and activate your CodeWarrior product using these steps:

1. Log in to **My Freescale** at www.freescale.com.

2. Click the **CodeWarrior Licensing** button.

3. Click the **Register Product** tab.

4. Enter the *Entitlement ID* (or *Registration Code*) located on the Registration card, which you received when you purchased your CodeWarrior software product.

5. Follow the on-screen instructions to register your product, then click the link to the **Suite Details Page**. Select the desired product, and click **Get License** button for that product to download the USB dongle license.

copy of license.dat in the CodeWarrior installation root directory for each computer on which you plan to use CodeWarrior with the USB dongle license.

– In the case of CodeWarrior for MCU v10.x, you can save this file here:

```
C:\Program Files\Freescale\CW MCU
v10.x\MCU\license.dat
```

– In the case of CodeWarrior for Power Architectures v10.x, you can save this file here:

```
C:\Program Files\Freescale\CW PA
v10.x\PA\license.dat
```

– In the case of CodeWarrior for StarCore v10.x, you can save this file here:

```
C:\Program Files\Freescale\CW StarCore
v10.x\SC\license.dat
```

– In the case of other CodeWarrior IDE products, you can save this file here:

```
C:\Program Files\Freescale\Code Warrior for XXX\
```

Now you can use the CodeWarrior tools, as long as the USB dongle is connected.

Section E: Rehosting

Rehosting is necessary if you already have a permanent license locked to your disk ID or MAC address. If you have already activated your CodeWarrior product:

1. Log in to **My Freescale** at www.freescale.com.

2. Click **CodeWarrior Licensing** and locate the CodeWarrior Suite that you would like to license to the USB dongle.

3. Click **License Options** for the CodeWarrior Suite you selcted.

4. Select **Rehost**.

5. Enter the *FLEXid* of your USB dongle to rehost the CodeWarrior Suite to your USB dongle.

6. Either select **Repair License** (for the products that you have already activated), or select **Get License** for the products that you have NOT activated) to retrieve your new permanent license tied to the USB dongle.

NOTE   Licensing and Registration FAQs provide details on many processes not covered in this quick start. To refer FAQs, open the web page www.freescale.com, select **Products > Software and Tools > CodeWarrior Development Tools**. Click **Licensing and Registration** from the **Design Resources** section on the left. In the **Licensing and Registration** web page click the link **Licensing and Registration FAQ**.
Alternatively, click:
http://www.freescale.com/webapp/sps/site/overview.jsp?nodeId=015210272624448523

Congratulations!

You have just activated your USB dongle device and dongle license to use on multiple computers.

How to Contact Us

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World Wide Web	`http://www.freescale.com/codewarrior`
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