

Release Notes for CodeWarrior Development Studio for StarCore 3900FP DSP v10.9.0 SP3

Table of Contents

1	INTRODUCTION	1
2	PLATFORM.....	1
3	RELEASE CONTENT	1
3.1	BUILD TOOLS	1
4	LICENSE, COPYRIGHT	1
5	SYSTEM REQUIREMENTS	1
6	GETTING STARTED.....	1
7	KNOWN ISSUES & LIMITATIONS.....	2
8	CONTACT INFORMATION.....	2
	USER FORUM AND FAQ.....	2
9	CHANGES SINCE PREVIOUS RELEASE	3

1 Introduction

ServicePack3 for 10.9.0 release of CodeWarrior Development Studio for StarCore sc3900FP DSP introduces SDOS R05.16.04, and build tools fixes.

This Service Pack shall be installed on top of CodeWarrior Development Studio for StarCore sc3900FP DSP v10.9.0 SP2.

2 Platform

B4860, B4420

3 Release Content

3.1 Build Tools

Build tools version 24.7.1.017 includes fixes for customer issues mentioned in the last chapter of the document.

4 License, copyright

The license key was updated in CodeWarrior for StarCore 3900FP DSP v10.9.0 release.

5 System requirements

Recommended configurations:

- 3GHz Intel® Pentium® P4 processor or better. Dual-core processor preferable.
- Microsoft® Windows Vista, Windows 7, Windows Server 2012 R2
- 2GB RAM (Experience on machines with 1GB RAM is significantly reduced)
- 2.3 GB free disk space

Note: 500MB of free space is required on the OS drive, regardless of the free space available on the destination drive.

6 Getting started

The Getting Started Guide for StarCore DSPs.pdf provides instructions on how to install the product, configure B4 QDS boards, and how to work with projects.

To install the CodeWarrior software, perform the following steps:

1. Run the installer - the install wizard appears.
2. Follow the wizard's on-screen instructions to install the CodeWarrior software.
3. When installation completes, the **InstallShield Wizard Completed** page appears.
4. Check the Display Documentation checkbox.
5. Click **Finish**.

The SC folder contains several quick start guides for the product:

- Eclipse Quick Reference Card.pdf
- Ethernet TAP Quick Start.pdf
- Getting Started Guide for StarCore DSPs.pdf
- Quick Start for StarCore DSPs.pdf
- Service Pack Updater Quick Start.pdf

7 Known Issues & Limitations

This list includes the same issues as described for CodeWarrior for StarCore v10.9.0 release.

8 Contact Information

User Forum and FAQ

After looking through these release notes, and the documentation that comes with the installation of CodeWarrior, the next best place to look for answers to your questions is the online user forums located at

<http://forums.freescale.com>

Please check:

- **CodeWarrior for StarCore DSPs** forum for issues related to CodeWarrior development tools. The Frequently Asked Questions about CodeWarrior for StarCore DSP are posted here.
- **StarCore DSPs** forum for issues related to the silicon and hardware platforms.

The forums provide a great way to learn by seeing the questions and answers posted by other users. Of course, you can post your own questions and responses as well.

9 Changes since previous release

Build Tools	
CMPSC-554	The linker generates Error: xr_malloc failed
CMPSC-559	Some intrinsic functions are lost after unrolling the inline function in a loop
CMPSC-560	Performance issue passing 32bit structures to intrinsics
CMPSC-563	Update A.11 restriction checking in the assembler
CMPSC-564	FATAL ERROR occurred when inlining MOVE.2L Da:Db,Rm:Rn instruction in C code
CMPSC-574	Issue in unsigned division and modulo with a constant

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