

# Link for Code Composer Studio™ Development Tools Release Notes

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This release of Version 1.4.2 of Link for Code Composer Studio™ Development Tools does not contain substantive changes from Version 1.4.1. It does incorporate all the changes introduced in Version 1.4, as well.

The “Link for Code Composer Studio™ Development Tools 1.4.2 Release Notes” on page 1-1 describe the changes introduced in the latest version of the Link for Code Composer Studio Development Tools. These Release Notes discuss the following topics:

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- “Upgrading from an Earlier Release” on page 1-4
- “Known Software and Documentation Problems” on page 1-5

## **Printing the Release Notes**

If you would like to print the Release Notes, you can link to a PDF version.



## Link for Code Composer Studio™ Development Tools 1.4.2 Release Notes

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## Link for Code Composer Studio™ Development Tools 1.4.2 Release Notes

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## New Features

This section introduces features and enhancements added in Link for Code Composer Studio™ Development Tools 1.4.2.

### Improved Performance When Creating Function Objects

For this release, we changed the method `createobj` to reduce the time it takes to create new objects.

When you create an object, `createobj` no longer saves any registers while creating the object. Earlier versions stored default registers from a list named `saveregs`. That list is now empty by default. As a result, the process for constructing new objects is faster.

You can still add new registers to the saved registers list with `addregister`, and you can delete saved registers from the list with `deleteregister`.

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**Note** You must add the registers to the saved registers list immediately after you create the object.

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Finally, since we no longer save any default registers, the method `cleanup` does not perform any function unless you added registers to `saveregs`.

## Major Bug Fixes

To view major bug fixes made in Link for Code Composer Studio in R14SP3, use the Bug Reports interface on the MathWorks Web site.

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**Note** If you are not already logged in to Access Login, when you link to the Bug Reports interface (see below), you will be prompted to log in or create an Access Login account.

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After you are logged in, use this Bug Reports link. You will see the bug report for Link for Code Composer Studio. The report is sorted with fixed bugs listed first, and then open bugs.

## Upgrading from an Earlier Release

This section describes the upgrade issues involved in moving to the Link for Code Composer Studio™ Development Tools 1.4.2 from Version 1.4.1

### Required Software Products and Versions

Version 1.4.2 of the product requires that you install the following software from The MathWorks and Texas Instruments. Note the versions required.

Product	Version
MATLAB	6.5.1
Signal Processing Toolbox	6.1
One or more of the following as shown:	
• Code Composer Studio for C2000	2.2, 2.21
• Code Composer Studio for C5000	2.2, 2.21
• Code Composer Studio for C6000	2.2, 2.21 or 3.0
• OMAP™ Code Composer Studio Integrated Development Environment (IDE)	2.2, 2.21

MATLAB must be installed first.

You can install the Signal Processing Toolbox, Code Composer Studio IDE, and Link for CCS Development Tools, Version 1.4.2, in any order.

### Cleanup Method Now Obsolete

Now that we changed the behavior of `createobj` not to save any default registers (refer to “Improved Performance When Creating Function Objects” on page 1-2 for more about the changes to `createobj`), the function `cleanup` is obsolete. While the function still operates, using it generates a warning in MATLAB and it no longer restores saved registers, unless you explicitly added registers to save to `savedregs`.

In the future, `cleanup` may be removed from the product.

## Known Software and Documentation Problems

To view important known bugs in Link for Code Composer Studio in R14SP3, use the Bug Reports interface on the MathWorks Web site.

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