Simulink® Accelerator Release Notes

Contents of the Release Notes

The Chapter 1, “Simulink Accelerator 6.3 Release Notes” release notes describe the latest version of the Simulink Accelerator. The following topics are discussed in these Release Notes:

- “Major Bug Fixes” on page 1-2
- “Known Software and Documentation Problems” on page 1-3

The Simulink Accelerator Release Notes also provide information about recent versions of the product, in case you are upgrading from a version that was released before Simulink Accelerator 6.3.

- Chapter 2, “Simulink Accelerator 6.2 Release Notes”
- Chapter 3, “Simulink Accelerator 6.0.1 Release Notes”
- Chapter 4, “Simulink Accelerator 6.0 Release Notes”

Printing the Release Notes

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

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Simulink Accelerator 6.3 Release Notes

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Major Bug Fixes

Note If you are viewing these Release Notes in PDF form, please refer to the HTML form of the Release Notes, using either the Help browser or the MathWorks Web site and use the link provided.

To view major bug fixes made in R14SP3 and R14SP2. for Simulink Accelerator, use the Bug Reports interface on the MathWorks Web site.

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.

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

For descriptions of bugs fixed before R14SP2, see “Major Bug Fixes” on page 3-2 in the Simulink Accelerator 6.0.1 release notes.

Known Software and Documentation Problems

See Bug Reports on the MathWorks Web site for descriptions of open bugs in R14SP3.

Upgrading from a Previous Release

In this release, the extension for files created by the MATLAB `mex` command has changed from `dll` to `mexw32` (and `mexw64`). If you use a `mexopts.bat` file other than the one created by the `mex` command in your MATLAB preferences directory to build Accelerator targets, you should recreate the file from the `mexopts.bat` template that comes with this release.

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Simulink Accelerator 6.2 Release Notes

Major Bug Fixes

Note If you are viewing these Release Notes in PDF form, please refer to the HTML form of the Release Notes, using either the Help browser or the MathWorks Web site and use the link provided below.

Simulink Accelerator 6.2 includes important bug fixes made since Version 6.0.1. You can see a list of major Version 6.2 bug fixes on the MathWorks Web site. If you are upgrading from a version of Simulink Accelerator earlier than Version 6.0.1, you should also see the Major Bug Fixes summary for Simulink 6.0.1.

Known Software and Documentation Problems

Note If you are viewing these Release Notes in PDF form, please refer to the HTML form of the Release Notes, using either the Help browser or the MathWorks Web site and use the link provided below.

You can see a list of any known problems on the MathWorks Web site.

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Simulink Accelerator 6.0.1 Release Notes

Major Bug Fixes

Note If you are viewing these Release Notes in PDF form, please refer to the HTML form of the Release Notes, using either the Help browser or the MathWorks Web site and use the link provided below.

Simulink Accelerator 6.0.1 includes several bug fixes. This section describes the particularly important Version 6.0.1 bug fixes.

Known Software and Documentation Problems

Note If you are viewing these Release Notes in PDF form, please refer to the HTML form of the Release Notes, using either the Help browser or the MathWorks Web site and use the link provided below.

The following known problems occur in Simulink Accelerator 6.0.1.

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Simulink Accelerator 6.0 Release Notes

Major Bug Fixes

Simulink Accelerator 6.0 includes several bug fixes. This section describes the particularly important Version 6.0 bug fixes.

If you are viewing these Release Notes in PDF form, please refer to the HTML form of the Release Notes, using either the Help browser or the MathWorks Web site and use the link provided.

Switch Blocks Can Abort Code Generation

In Release 13, accelerator code generation aborted for the case of a Switch block configured with the **Criteria for passing first input** set to `u2 ~=0`, with vector inputs of width greater than the `RollThreshold` (5). Code generation aborted with the following message:

```
%exit directive: Real-Time Workshop Fatal in block: "/B_1_28",
block type "Switch": No parameters to roll.
```

This release fixes the problem.