

Simulink® Accelerator Release Notes

Product Repackaging

Starting in Release 14, the Simulink Accelerator includes the following tools, which were part of the Simulink Performance Tools in previous releases:

- Simulink Accelerator
- Model Profiler

Release 14 does not include a product called the Simulink Performance Tools. The Model Coverage Tool, which was part of the Simulink Performance Tools product before Release 14, is now part of the new Simulink Validation and Verification Tools product.

See the discussion about the Simulink Verification and Validation Tools product in the new products section of the Release Notes for Release 14.

Contents of the Release Notes

The “Simulink Accelerator 6.2 Release Notes” on page 1-1 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 prior to Simulink Accelerator 6.2.

- “Simulink Accelerator 6.0.1 Release Notes” on page 2-1
- “Simulink Accelerator 6.0 Release Notes” on page 3-1

Printing the Release Notes

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

Simulink Accelerator 6.2 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 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

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

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Major Bug Fixes

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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

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The following known problems occur in Simulink Accelerator 6.0.1.

Simulink Accelerator 6.0 Release Notes

Major Bug Fixes 3-2

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.