

## R2019b Updates Release Notes

### *Information about bugs fixed and important limitations for R2019b Updates*

#### Bugs Fixed

Each R2019b Update contains bug fixes to R2019b, including all the fixes from previous updates.

- **R2019b Update 9:** [Bugs fixed](#) in this update August 19, 2021
- **R2019b Update 8:** [Bugs fixed](#) in this update February 11, 2021
- **R2019b Update 7:** [Bugs fixed](#) in this update September 18, 2020
  
- **R2019b Update 6:** [Bugs fixed](#) in this update July 30, 2020  
Update 6 also:
  - Supports using Xcode 11.4 and 11.5 for audio plugin generation in Audio Toolbox.
  - Improves stability in MATLAB startup, Simulink, and Embedded Coder.
  
- **R2019b Update 5:** [Bugs fixed](#) in this update March 10, 2020  
Update 5 also:
  - Improves performance of Live Editor, including making live script loops as fast as Editor or command line loops.
  
- **R2019b Update 4:** [Bugs fixed](#) in this update January 30, 2020  
Update 4 also:
  - Reduces latency when generating HDL code from additional blocks using fixed-point types.
  - Improves stability for the Live Editor and Help Browser during multiple or long-running sessions.
  - Improves stability in GPU Coder, MATLAB Coder, and simulation in accelerator mode.
  - Improves performance in Stateflow.
  
- **R2019b Update 3:** [Bugs fixed](#) in this update December 13, 2019  
Update 3 also:
  - Upgrades multiple 3rd party libraries, including Perl and OpenSSL.
  - Improves performance when updating Simulink models with variants.
  - Improves stability in Embedded Coder, MATLAB Coder, and System Composer.
  - No longer disables zero initialization model configuration parameters when [Use dynamic memory allocation for model initialization](#) parameter is selected. For more information, see [Remove root level I/O zero initialization](#) and [Remove internal data zero initialization](#).

- **R2019b Update 2:** [Bugs fixed](#) in this update November 21, 2019  
Update 2 also includes:
  - Performance and stability improvements with tab completion in MATLAB.
  - Performance improvements in Simscape.
  - Stability improvements in MATLAB and Vehicle Network Toolbox.
  
- **R2019b Update 1:** [Bugs fixed](#) in this update October 10, 2019  
Update 1 also:
  - Fixes some cosmetic issues with several Simulink Coder examples and an Embedded Coder Template model.
  - Fixes a cosmetic issue in System Composer.
  - Removes a nonfunctional context menu item from Simulink Test.
  - Includes performance improvements in the Simulink Editor and with tab completion in MATLAB.
  - Includes stability improvements in MATLAB Coder, and in the MATLAB Installer on Windows platforms.

To learn more about Updates, see [Updates: Frequently Asked Questions](#).

## Important Limitations

- MATLAB Parallel Server, MATLAB Parallel Server for Amazon EC2, and MATLAB Parallel Server - Private Cloud: Install the Update on all client and worker installations.
- MATLAB Compiler and MATLAB Compiler SDK: After installing the Update, test your deployed applications using the version of the MATLAB Runtime installed on the system of the end-user or MATLAB Production Server.