Reactis V2023.2
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Connect to explore and co-simulate a Simulink model and C code generated from it.

- ▶ Click on Simulink block, Stateflow state or transition to highlight corresponding C code.
- ▶ Click in C code to highlight corresponding parts of model.
- ▶ Setting breakpoint in model, sets one in code and vice versa: co-simulate model and code.

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Newly Supported Simulink Features

- ▶ MATLAB R2023b.
- ▶ Data Store Memory block references (introduced in MATLAB R2023b)

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Embedded MATLAB (EML) Improvements

- Tracking MCC coverage in EML code.
- Keywords `nan`, `NaN`, `Inf`, `inf`.
- Ignore Embedded Coder directives, e.g. `coder.allowpcode('plain')`.
- Vector indexing when a field of a structure is a matrix.
- Matrix arguments to relational operators, including scalar expansion.
- 3rd argument to bitshift to specify type of first.
- Integer arguments to sign function.
- Using the return values of functions with multiple return values to update the elements of structures and arrays, e.g.
  ```
  [x(1), y.z] = twoReturnVals();
  ```
- The diff and cumsum functions.

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Other Improvements

▶ When using the Reactis for C plugin, C header files used in S-Function, Stateflow custom code or C Caller blocks can now be viewed in the Reactis GUI.

▶ Most GUI dialogs showing lists (for example lists of inputs, outputs and configuration variables) now include a filter function to simplify finding specific items in large lists.

▶ After importing a model, Reactis can now keep the MATLAB session open to shorten wait times (due to MATLAB startup) for subsequent uses of MATLAB by Reactis.

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Other Improvements

▶ CSV Export/Import: index base (0 or 1) for vectors, matrices and bus arrays can now be specified.

▶ Function call count section in test execution report is now optional.

▶ Moved documentation to new format with improved search and viewing capabilities.

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