Reactis V2016

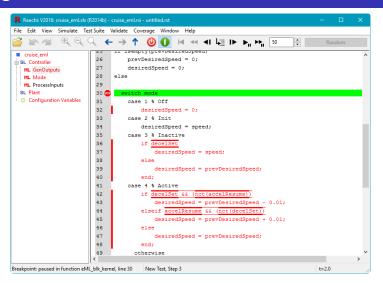
Released June 20, 2016

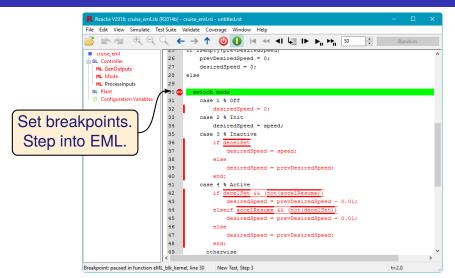


New Simulink Support

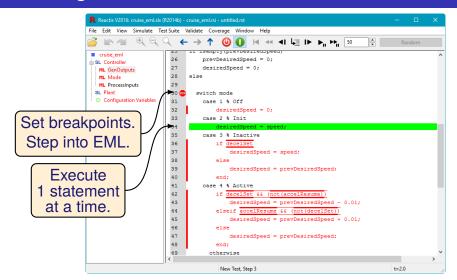
- R2016a.
- Support for Simulink® data dictionaries.
- Use data dictionary entry as configuration variable.
- Support *Input port* setting for breakpoint data in Pre-Lookup block.
- Support Input port setting for table data in Interpolation block.
- Support Manual Switch block (current setting).



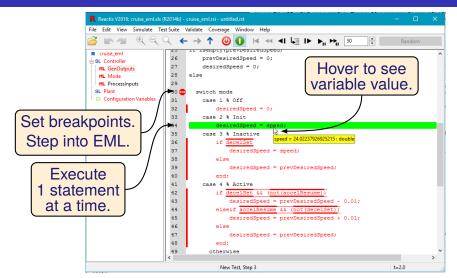




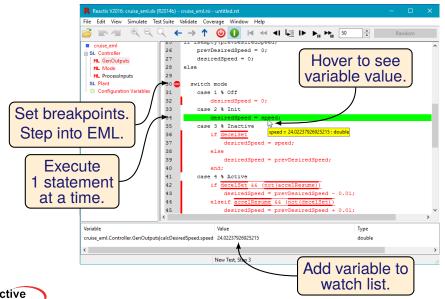












Reactis for C Plugin

- Assign pre-compiled library for use by Stateflow custom C code.
- Ignore incomplete variable or function declarations which are never used.
- The argument of a #include directive can now be a macro.
- Improved formatting of value shown when hovering on scalar character values and arrays of characters.
- Produce warnings instead of errors for GCC-style extended asm statements (the assembly code will be ignored).



Other Enhancements

- Support for Windows 10.
- Option to use Z3 SMT Solver to improve the coverage of Tester-generated tests for some models and to improve the static analysis that identifies unreachable coverage targets.
- Allow comparing enumerated values of different types in Stateflow.
- Launch a quick HTML coverage report from the top-level Coverage menu.
- Option to export Booleans as integers in CSV file.



Other Enhancements

- Checkbox in Tester launch dialog to enable/disable pruning of tests after the random phase.
- Reactis now stores information about model's top-level output ports and their types in the .rsi file to facilitate automatic harness creation for Reactis for C and simplify back-to-back testing with Reactis and Reactis for C.

Thank You!

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