FDR3: the Future of CSP Model Checking

Fringe Presentation

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Abstract. Over the last couple of years a brand new version of FDR, FDR3, has been under development at Oxford. This includes greatly improved performance (typically 2.5 times faster than FDR2 on a single core) and, for the first time, a parallel model-checking mode that scales almost linearly with the number of available cores. In this talk I will give a demonstration of FDR3, including the new debug viewer, the integrated version of ProBE, and the enhanced error messages. FDR3 is due for general release this October.

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