

Most Notable Paper Award

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Self-Optimizing AST Interpreters

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Over the past decade, the authors and their collaborators have taken the ideas from this paper and turned it into the Truffle and GraalVM systems, which have revolutionized how we implement languages on the JVM. Today, the GraalVM is a major product and Truffle is a language implementation technology producing high-performance implementations of everything from Ruby to C, all built upon the ideas of AST rewriting in the interpreter.



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