

luajit	0.09s	1.80
luajit-2.0.0-beta1	0.05s	1.00

SSA

« »,

- fold - Constant Folding, Simplifications and Reassociation
- cse - Common Subexpression Elimination
- dce - Dead Code Elimination

: **1.** *Matthew Arnold, Stephen J. Fink, David Grove, Michael Hind, Peter F. Sweeney*, "A Survey of Adaptive Optimization in Virtual Machines", 2005. **2.** *J. Aycock*, "A brief history of just-in-time", 2003. **3.** *A. Gal, C. W. Probst, and M. Franz*. HotpathVM: an effective JIT compiler for resource-constrained devices. In VEE '06: Proceedings of the 2nd International Conference on Virtual Execution Environments, pages 144–153, New York, NY, USA, 2006. ACM Press. **4.** *P. Cousot*. Semantic foundations of program analysis. In S.S. Muchnick and N.D. Jones, editors, Program Flow Analysis: Theory and Applications, chapter 10, pages 303-342. PrenticeHall, 1981.

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## C++ Builder

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