Alive2 Work

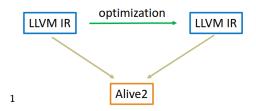
Raja

Department of Computer Science lowa State University

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Alive2

- A Translation validation tool for LLVM IR.
- checks for refinements in the given IR.



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¹llvm.org/devmtg/2019-10/slides/Lopes-Regehr-Alive2.pdf

Demo

Translation Validation tool (alive-tv)

- alive-tv < source > < target >
 validates the optimizations in the target with the source.
- 2 alive-tv < source >

performs optimization on the source with clang opt tool and then validates those optimizations.

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