

Dynamic Languages Symposium Most Notable Paper Award 2026

Cross-language compiler benchmarking: are we fast yet?

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Dynamic Languages Symposium 2016

Comparing the performance of different language implementations is a hard task, given the many features and requirements that complicate optimizations. This paper addresses this challenge by proposing a set of cross-language benchmarks that has become a key reference for the research community. By using an abstract language with core features, the approach ensures that an identical workload is exposed to each language, thus enabling fair comparisons.



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