On Benchmarking Constraint Logic Programming Platforms

Kish Shen
IC-Parc
Imperial College
London SW7 2AZ
U.K.
K.Shen@icparc.ic.ac.uk

Abstract

We explore some issues in comparative benchmarking of CLP platforms and discuss pitfalls in previous efforts to make such comparisons. We believe that a proper benchmarking exercise should cover a broad set of representative problems (application benchmarking) and a broad set of programming constructs (unit testing), and we present some of our experiences in these two areas in the context of the CLP platform ECLiPSe.

The contents of this talk are heavily based on the work described in [WSSH04].

References

[WSSH04] Mark Wallace, Joachim Schimpf, Kish Shen, and Warwick Harvey. On Benchmarking Constraint Logic Programming Platforms. Response to Fernández and Hill's "A Comparative Study of Eight Constraint Programming Languages over the Boolean and Finite Domains". *Constraints - An International Journal*, 9(1):5–34, January 2004.