



Visual Techniques for the Analysis of Constraint Programming Models

Project Description

A lot of progress has been made in improving constraint programming (CP) technology for finding a single solution to hard combinatorial problems, but relatively little attention has been given to analyzing and understanding the structure of entire sets of solutions. Such analysis not only helps a user to select the most adequate solution, but also leads to a deeper understanding of the problem itself.

Our goal is to support structural analysis of solutions to a CP problem. In particular, we want to suggest meaningful forms of visualization and interactive manipulation of solution sets, in computationally feasible framework, that can be integrated with existing CP technology.

Project Coordinators

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