This is the accepted version of a paper presented at *European Joint Conferences on Theory and Practice of Software (ETAPS)*.

Citation for the original published paper:

Vo, H-P. (2019)
Towards Efficient Algorithms for Constraint Satisfaction Problems
In:

N.B. When citing this work, cite the original published paper.

Permanent link to this version:
http://urn.kb.se/resolve?urn=urn:nbn:se:uu:diva-392598
Towards Efficient Algorithms for Constraint Satisfaction Problems

Huu-Phuc Vo, Uppsala University, Sweden

MiniZinc


Models

Model 1. Manually implement constraints: Add constraints to perform the requested video allocations, and the capacity of each cache servers.

Model 2. Use global constraint: Use bin_packing_load(load, bin, w) constraint to allocate the requested videos in cache servers connecting to clients

Example

Experiments

Model 1

Model 2

Solutions

huu-phuc.vo@it.uu.se