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As time goes by: constraint handling rules. (English) Zbl 1186.68096
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Summary: Constraint Handling Rules is a high-level programming language based on multiheaded multiset rewrite rules. Originally designed for writing user-defined constraint solvers, it is now recognized as an elegant general purpose language. Constraint Handling Rules related research has surged during the decade following the previous survey by *T. Frühwirth* [J. Log. Program. 37, No. 1–3, 95–138 (1998; Zbl 0920.68029)]. Covering more than 180 publications, this new survey provides an overview of recent results in a wide range of research areas, from semantics and analysis to systems, extensions, and applications.

MSC:

68N15 Theory of programming languages
68N17 Logic programming

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Keywords:

[constraint handling rules](#); [survey](#)

Software:

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