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A Fuzzy Control Language Approach for Landscape Dependent Application Evaluations

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Abstract:
In landscape dependent application evaluations, applications are not regarded as independent objects but as part of a whole: the application landscape. Since properties of applications may be influenced by other applications or the enterprise environment, evaluations ignoring the context are not suitable for the responsible stakeholders. To infer indications of an application's quality, several kinds of methods and technologies can be used. This paper focuses on that aspect and presents an implementation technique for inferring adequate results. Therefore an approach based on fuzzy control language (FCL) will be introduced which uses fuzzy logic technology for application landscape evaluations.