Metrics for Assessing Complexity and Testability of Object Oriented Software[1)]

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Abstract. In this paper some widely known object-oriented metrics are described. The metrics are presented in two groups: class-level and system-level. Some sets of metrics dedicated to the C++ programming language are also shown. The correlation is given between metrics and quality attributes of a system, such as reliability and testability.

Keywords: software metrics, object-oriented design, project quality, project complexity, testing complexity, design heuristic