Metrics for Assessing Complexity and Testability of Object Oriented Software

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Received June 22, 2001

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

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1) Partially supported by the State Committee for Scientific Research KBN (research project no. 7 T 11C 01320).