

Models, Developments, Trends, and Evaluation of Software Product Qualities: A Review

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Abstract. Program item quality models have improved their ability to capture and explain the theoretical concept of computer program quality since the 1970s. Many methods are designed to assess a particular component of program quality, rendering them unsuitable for assessing the overall quality of computer program items. Previous distributions are ignored in order to examine and identify all available models that attempt to characterize each known feature of computer program item quality. This research looks at how to distinguish entire program item quality models that have been available since 2000, as well as how to evaluate the centrality of each show using logical and industrial community pointers. Recently, certain criteria have been employed to determine (quantitatively) a software's quality grade. The findings offer a way for determining which computer program item quality demonstrate to utilize or for improving newly discovered quality characteristics that must be linked to a larger context.

Keywords: *Quality Models, Quality assessments, Quality extensions, Quantitatively*