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Software Product Size Measurement Methods

A Systematic Mapping Study

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Abstract

This study presents the results of a systematic mapping study on software size estimation metrics and methods. The methods are investigated based on the entity type(s) measured by the method, size attribute type, size measure(s), and theoretical/empirical validation status of the method, and restriction with respect to functional domain type(s) and software development methodology applicability. Based on the results of the survey, we provide a discussion on the current state of the art in software sizing.

Keywords—software size measurement; systematic mapping study

The full paper should be available from IEEE Explore www.ieeexplore.ieee.org/Xplore

The slides from the presentation at the IWSM are available at www.slideshare.net/cosmic-fsm