

## Towards A Design Measurement Context for Software Coupling and Cohesion Requirements

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Abstract— Cohesion and coupling are often mentioned together; this can be explained as they represent or share similar concepts. The review of literature shows that a key element for both cohesion and coupling is the number of interactions between components. This paper proposes a new measurement method that accommodates different views of the most important design concepts of cohesion and coupling and setup typical scenarios to illustrate how to use the method concepts with practical software artifacts.

Keywords: Coupling, Cohesion, Software Measurement, ISO1971, COSMIC