Abstract

Object oriented system was the programming paradigm which aimed at the concept of software reuse. This reuse concept which has obtained its significance there upon needed to be strengthened in software systems and design concepts. This paved the basic idea behind evolving of software design paradigms into component and service oriented systems respectively. An evolution based model had been formed based on a template designed to study and record how the metrics are categorised between the three systems. This paper projects the improvement done over the model in order to relate the metrics quantitatively. The maturity level of reuse metrics stated through the evolution based model is established by bringing out the strength of the relationship that is estimated through the study.

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Index Terms

Computer Science  
Software Engineering  

Keywords

Software Reusability Metrics  
Component And Service Reusability Metrics  
Evolution Model  
Strength Of Relations