Abstract

Survey of reusability based on software components that provide the assistance to the
developer in the development of software. Reusability of software is an important prerequisite
for cost and time-optimized software development Work in software reuse focuses on reusing
artifacts. The paper discusses the reusability concepts for Component based Systems and
explores several existing metrics for both white-box and black box components to measure
reusability directly or indirectly and presents the special requirements on software in this domain
and Reusability is about building a library of frequently used components, thus allowing new
programs to be assembled quickly from existing components. Component-Based Systems
(CBS) have now become more generalized approach for application development.
Reference

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Index Terms

Computer Science
Communications

Key words

Tools of reusability
Components of reuse

Reusability matrices