Abstract

A technology shift has been observed from computation and reuse of objects to composition of software components. Hence a need arise to enhance the composition capability of software components such that they can be fitted easily and effectively in various applications. In this paper, an analysis of Composability Inhibitors has been made in a threefold manner in which the factors (during selection, integration and performance phases) that inhibit components to be composed in a system are outlined. This can be a check list or a set of guidelines that what should be avoided in order to enhance the composability of a component. This work starts a discussion and calls for more extensive research oriented studies by professionals and academicians for perfection of the model.

Reference


2008.

Index Terms

Computer Science
Software Engineering

Key words

Composability Inhibitors
software components
Composability Enhancement