UML consistency rules in technical books

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ABSTRACT
This paper highlights the need of identifying a set of UML consistency rules that is as complete as possible. For that purpose, we propose to complement our previous research works, by searching for such rules directly from technical books on UML-based object-oriented software development.

INDEX TERMS
Unified modeling language, Computers, Information systems, Software quality

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UML is a sound basis for object-oriented methods including those that apply to component based development. One such method is Catalysis which is described elsewhere on this site. To buy the book click here. This tutorial focuses both on the widely used UML notation and upon the principles of modelling. Our treatment is particularly based on Catalysis (D’Souza and Wills, 1999) and SOMA (Graham, 1995). the art in terms of UML synthesis techniques [8]. This paper proposes to complement our previous work by identifying UML consistency rules in technical textbooks on UML-based object-oriented software development. Indeed, since such books often describe the use of UML for a given software development purpose, following a given methodology, they must, explicitly or not, discuss UML consistency rules. Sign in to Continue Reading. Authors. This paper highlights the need of identifying a set of UML consistency rules that is as complete as possible. For that purpose, we propose to complement... Keywords: Unified Modeling Language Consistency Rules. Share this article. Comments from sciforum.