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Titolo	The Common Component Modeling Example [[electronic resource]] : Comparing Software Component Models / / edited by Andreas Rausch, Ralf H. Reussner, Raffaela Mirandola, Frantisek Plasil
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Note generali	Based on a seminar held at Schloss Dagstuhl, Germany, Aug. 1-3, 2007, and sponsored by the German Computer Science Society.
Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	CoCoTA – Common Component Task -- CoCoME - The Common Component Modeling Example -- Modeling Components and Component-Based Systems in KobrA -- A Rich Services Approach to CoCoME -- Modelling with Relational Calculus of Object and Component Systems - rCOS -- Component-Interaction Automata Approach (CoIn) -- Service-Oriented Modeling of CoCoME with Focus and AutoFocus -- Modelling the CoCoME with the Java/A Component Model -- Linking Programs to Architectures: An Object-Oriented Hierarchical Software Model Based on Boxes -- Modelling the CoCoME with DisCComp -- Palladio – Prediction of Performance Properties -- KLAPER: An Intermediate Language for Model-Driven Predictive

	Analysis of Performance and Reliability -- CoCoME in Fractal -- CoCoME in SOFA -- A Specification Language for Distributed Components Implemented in GCM/ProActive -- CoCoME Jury Evaluation and Conclusion.
Sommario/riassunto	This volume defines a common example for modelling approaches of component based systems. It is based on the Dagstuhl research seminar CoCoME (Common Component Modelling Example), which was held from August 1-3, 2007, at Schloss Dagstuhl, Germany. The Common Component Modelling Example makes it possible to compare different approaches and to validate existing models. It serves as a platform for the classification of existing models and approaches and the interchange of research ideas, enabling researchers to focus and to tackle aspects less frequently dealt with. The CoCoME project is an ongoing venture, one of the aims of which is the adoption of the Common Component Modelling Example by the entire component community as a means of comparing and validating their approaches.