

# Une approche intégrée pour l'architecture logicielle

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Description

Today the software architecture approach, a new discipline of software engineering, is largely accepted as a promising way for the production of high quality software. Even in the object oriented world, very widespread methodologies such as RUP and Catalysis are based on software architecture specification in the software elaboration phase. The purpose of the work presented here consists of identifying the various challenges which heavily slow down the introduction of software architecture in the design of software of various sizes in the various disciplines of computer sciences. The problems which are against the generalization of software architecture are met in the fundamental models, which heavily depend on the basic software mechanisms, and in the software architecture specification techniques. These lasts are either structural constrained by the basic software mechanisms, or too abstract, using formal ...