Abstract

Software industry is moving towards a component-based development but more research is still needed for reliable and efficient software components. The objective of this work is to propose an approach to developing software components of the system from use cases. This approach consists of four stages and is based on the decomposition of use cases into elementary actions and the factorization of the past for system software components.

References

- B. E. El Asri, M. Nassar, B. Coulette, and A. Kriouile. 2006. &quot;Architecture
Towards a Modeling approach based on Software Components

Index Terms

Computer Science  
Software Engineering
Keywords

Software components  factorization data  use cases  subcomponent  actions approach.