A New Software Component Approach

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Abstract

The "component" paradigm appeared in response to boundaries of the object approach. It introduced a new method for designing software applications. This method is based on the assembly of prefabricated software entities called components. The Technology of connector is thus proposed to facilitate assembly. We present in this paper a model of multi-views software components for systems based components. A multi-views software component allows each user to manipulate a system with a vision own to its needs. The assembly of the components in this model is implemented by a new type of connector named visibility connector.

References

Toulouse, France.
UK.


Index Terms

Computer Science
Software Engineering

Keywords

Software component, Assembly, Viewpoint, Visibility connector.