A STRUCTURED APPROACH TO INTEGRATE HETEROGENEOUS CASE TOOLS

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ABSTRACT: Multiple CASE tools that support systems analysis and design are available today. These tools are becoming indispensable in its support for the systems development process, although the support varies in terms of the methods that are supported. Heterogeneous CASE tools, i.e. CASE tools that support the conventional system development paradigm on the one hand and CASE tools that support the object-oriented development paradigm on the other hand, need to be integrated to support system development in both paradigms, or to enable a change-over from one development paradigm to the other. Although standards and frameworks for tool integration are emerging, a structured approach or method to integrate heterogeneous CASE tools is required. This poster proposes the CUBE approach to integrate heterogeneous CASE tools.

KEYWORDS: CASE tools, conventional system development, object-oriented system development, system development methods.

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