

Component classification criteria for a platform - independent component repository

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ABSTRACT.

Component repository is an essential part of a framework for software component definition, validation, and composition that we have developed so far. The components are stored into the repository such that search and retrieve operations will be as efficient as possible. We propose some classification criteria for components based on their signatures and functionalities. These criteria also take into consideration the specifications of the platform-independent component model for dynamic execution environment.

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