

SCA Tools 2.0.0

Mini-deck

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What is SCA Tools?

- SCA (Service Component Architecture) is a set of specifications proposed by the Open SOA consortium and which is about to be standardized by the OASIS consortium
- The SCA Tools project focuses on tools covering the SCA specifications
 - SCA meta-model
 - Editors (graphical, XML and form)
 - Project utilities (wizards, builder...)
 - Samples
 - Runtime support
- SCA Tools 2.0.0 released with Galileo

New features

- SCA Meta Model
 - Extensible: core + one extension per SCA platform
 - Currently available: Apache Tuscany 1.4, OW2 FraSCAti 1.0
 - The user can define its own extensions
- SCA Composite Designer
 - Easily extensible
 - Bottom-up approach: introspection of existing Java code and ComponentType files
- SCA XML Editor
 - Customization of the WTP XML editor: auto-completion for attribute values

New features

- SCA Form Editor
 - Editor with a web-interface for SCA XML artifacts
- SCA Project utilities
 - Creation wizards refactored
 - SCA Builder
 - Generation of Java code skeletons from a composite
 - Links with WSDL tools
- SCA Runtime support
 - Deployment of SCA projects on servers from Eclipse
 - Currently available: Apache Tuscany 1.4, OW2 FraSCAti 1.0
- OSOA Java annotations and APIs embedded