

# SCA Java

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## Tuscany SCA Java

Tuscany Java SCA provides the infrastructure to develop and run SCA based applications. At the very high level, Java SCA can be divided into core and extensions. The core supports the SCA assembly model, Tuscany value-add features and simple extension point to add extensions. Tuscany Java SCA is designed to be embedded in, or provisioned to, a number of different host environments.

Tuscany SCA Java extension points allow any binding type, implementation types(programming model), policy and data binding to be easily added to it. The Tuscany community has contributed the extensions that are shown below. An extension becomes available for the latest Tuscany release as volunteers test and enhance the extension to work with that release.

Implementation Types	Bindings	Data Bindings	Interface Types
Java components Spring assemblies Scripting with JSR 223(JavaScript, Groovy, Ruby, Python & XSLT) BPEL (a prototype using Apache ODE)	Webservice using Apache Axis2 JMS (tested with Apache ActiveMQ) JSON-RPC	JAXB SDO Axiom Castor XMLBeans	Java WSDL 1.1

SCA Java is integrated with Tomcat, Jetty and Geronimo.

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