



Transforming the Way the World Runs Applications

Paremus Webinar

Using OSGi™ and SCA to Deliver Composite Applications



Agenda

- Paremus Introductions
- OSGi Overview
- SCA Overview
- Demonstration
- Conclusion
- Q&A



Paremus Introductions

David Savage – Principal Developer

Mike Francis – Sales & Marketing Director



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- SCA Overview
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OSGi Overview

- Module system for Java
- Peer Classloader Model
- Local Service Registry



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SCA Overview

- XML based model of SOA structure
- Extensible
- Modular



SCA Status

- SCA was Established by the OSOA collaboration in 2005
- 18 Members including:
 - BEA, IBM, Oracle, Red Hat, SAP, Siemens, Software AG, Sun, Tibco, etc
- Donated to OASIS in March '07 under the Open CSA (Composite Services Architecture) Member Section



SCA Status

- August '07 launched 6 Technical Committees:
 - SCA-Assembly, SCA-Policy, SCA-Bindings, SCA-BPEL
 - SCA-C-C++, SCA-J
- Current version is 1.0.
- Open Source Implementations
 - Fabric3
 - Newton
 - Tuscany



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Demonstration Overview

- Create a SayHello service
- Create an implementation of SayHello
- Create a command line client that uses SayHello
- Install components in a local JVM
- Change SCA binding and deploy across remote JVM's



Demonstration Overview

This section of the webinar shows the live demonstration.

This is available if you watch the webinar recording available from the Webinar Archives on the www.paremus.com website.



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Conclusion

- Provided a brief introduction to OSGi and SCA
- Demonstrated how OSGi and SCA can be used to build composite applications
- Explained how Newton/Infiniflow can be used to run distributed OSGi and SCA applications



Infiniflow & Newton

- Commercial product
 - RTU License model with included support



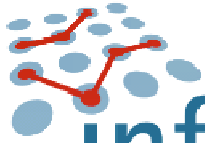
- Open Source Project
 - The foundations of Infiniflow



- Infiniflow builds on top of Newton adding:
 - Management GUI
 - Security
 - Enhanced Scalability
 - Out of the box Runtime Services



Try it for yourself



infiniflow

www.paremus.com



Newton.

<http://newton.codecauldron.org>

Q&A

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