OSGi Alliance and its Technology: Where Are We Now, and What is Your Vision of its Future?

Dr. Susan Schwarze
Member of the Board and VP Marketing, OSGi Alliance
Marketing Director, ProSyst Software
Topics

Convergence aspects

Community aspects

OSGi adoption

Business Value

Technology Positioning
Panelists

- **Open Source**
  - Jochen Krause
    - Member of the Board, Eclipse (Member of the OSGi Alliance)
    - CEO, Innoopract

- **OSGi users’ forum / group**
  - Didier Donsez
    - Member of the Board, OSGi Users’ Group France
    - Associate Professor, University Grenoble, France
  - Professor Dae Young Seo
    - Member of the Board, OSGi Users’ Forum Korea
    - Professor, Department of Computer Engineering, Korea Polytechnic University

- **OSGi technology user**
  - Craig Blitz
    - Product Manager, New Technologies Division, BEA
    - Member of the OSGi Alliance

- **OSGi Evangelist**
  - Peter Kriens
    - Director of Technology & OSGi Fellow, OSGi Alliance
    - CEO, aQute
Eclipse and OSGi Alliance / technology

- **Me:**
  - Jochen Krause, Member of the Board of the Eclipse Foundation, Innoopract GmbH

- **Main value:**
  - Eclipse provides OSGi implementation – Equinox (reference candidate)
  - Shipping millions of OSGi based applications (Eclipse IDE) every year
    - proved robustness, scalability for mainstream desktop apps
  - Eclipse brings tooling for OSGi and makes development of bundles an almost common practice for Java developers
  - Eclipse / Equinox runtime gaining traction with devices, servers
    - server side OSGi allows modularization of server apps

- **Next steps:**
  - improving provisioning, monitoring are key to OSGi success in server and desktop environments
Didier Donsez

- « Me »
  - Teacher & Research at Université Grenoble 1, France
    - University → teaching embedded and IT technologies
    - Research lab → technics and methods for improving SW development, deployment, management, …
  - Chairman of OSGi™ Users Group France
    - User Forum: sharing return on experiment, looking for competence and skill, …

- Main value
  - OSGi™ technologies
    - Ease Java application deployment
  - OSGi™ Alliance
    - Joker!

- Next step
  - for the OSGi Alliance
    - Openness !! for SME and research labs
      - moderate the fees
  - for the OSGi technologies
    - Real-time Java, Java Enterprise Servers, … and .NET CLRs
• **Dae Young Seo**
  • President of OSGi Users’ Forum Korea,
  • Prof. Department of Comp. Eng., Korea Polytechnic Univ.
  • Ex-delegate for Samsung Electronics

• **Main Value**
  • Near perfect technology specification
  • Nice MRD

• **Next Step**
  • Promotions of OSGi technology (persuade CEOs with financial benefit)
  • More activity among users’ forums (such as Bundle Fest)
  • Propose OSGi technologies to international standard organizations (such as ISO/IEC JTC1 SC25) as a new working item. (UPnP already did) – (to solicit more users’ forum members?)
Craig Blitz

- <Me>
  - Senior Product Manager, New Technology Division, BEA Systems
  - Member, OSGi Marketing Committee (<me?>)
- Main Value
  - Internal: Re-use of existing assets, quick assembly of new services/products a la SOA, broader eco-system via blended components.
  - External: smaller footprint solutions, serviceability, availability, extensibility, affinity with virtualization.
- Next Steps
  - Drive needs of enterprise solutions through EEG
  - Ease adoption of existing code base and frameworks (SCA, Spring…)
  - Continue marketing of customer benefits
Peter Kriens, OSGi Technical Director

- Has been involved with the development of the OSGi specifications since 1998. Has been the spec editor for release 2, 3, and 4.
- Works currently with the Core Platform Expert Group and Enterprise Expert Group as well as the requirements process for Vehicles and Remote Management.
- Strongly believes that the OSGi specifications should be a key cornerstone in the development process for almost any software intensive application.
- Very excited about the possibility for the OSGi Alliance to integrate native environments: “Universal OSGi”.