



### **OSGi Certification**

Developers: Certify your OSGi skills. [Review](#) the program.

### **Community Event**

Save Nov. 3-5, 2015, for OSGi Community Event 2015. [Download](#) Community Event 2014 slides.

### **Annual Meeting**

[Listen](#) to the 2015 Annual OSGi Alliance Member Meeting from February 2015.

## Alliance focuses on 2015 initiatives

The OSGi Alliance has begun 2015 with three initiatives aimed at growing OSGi use and increasing Alliance membership. They will support both existing OSGi community member strategies and excite new organizations and industries to explore and adopt OSGi.

The three strategic initiatives are for OSGi enRoute, cloud computing and the Internet of Things (IoT). All three were spotlighted in one or more OSGi Community Event 2014 presentations, which are now available for [download](#).

Peter Kriens is developing OSGi enRoute, the application framework for OSGi, to increase the use of OSGi by making it easier to build applications on OSGi. The Alliance will build awareness of the OSGi enRoute rollout this year, including promoting and supporting a separate enRoute website

for app developer use, developing content that supports its use and benefits to developers, and advocating its value proposition to media and analysts.

As we discussed last summer, OSGi presents opportunities to bring an OSGi approach to the cloud, which opens new and broader interest from industry verticals. While telcos and Internet providers have been early advocates of cloud services, we know the cloud is valuable to a much broader variety of large organizations. In addition to formal Enterprise Group cloud activities (like the Cloud Ecosystems, REST management and Distributed Eventing Requests for Comments (RFCs)), the OSGi Community Event 2014 presented some OSGi cloud success stories and a cloud workshop that included brainstorming for possible EG activities and updates. We plan to cultivate the development and membership value for cloud users this year.

Our third initiative, Internet of Things, is the newest OSGi opportunity for membership growth and leadership. Nearly every industry market and vertical is weighing IoT strategies and we want to convey the promise of OSGi to them. OSGi might be the right IoT solution for many. Our key advantages are that OSGi is a mature standard, the Alliance provides specifications and certification, and OSGi has the capacity to support a robust execution environment for the IoT. The Alliance is considering an IoT expert group this year and invites organizations interested in participating in OSGi activities for IoT to contact [Susan Schwarze](#) or [me](#).

We had an exciting OSGi Community Event 2014 in the fall that touched on these three and many other OSGi benefits, activities and successes, wrapping up a productive 2014. Don't forget to review the presentation [slides](#).

Finally, we now certify OSGi developers with the OSGi Developer Certification – Foundation Level. It's an exciting opportunity to prove

your OSGi development skills.

Thank you for continuing your support and interest in the OSGi community.

**Dan Bandera, OSGi Alliance president**



## OSGi IoT Workshops Set

*Two OSGi IoT workshops are scheduled: May 21, 2015, in Berlin at Oracle, and June 4, 2015, at Adobe Systems in San Jose, Calif. For more information and to register, email [iot@osgi.org](mailto:iot@osgi.org).*

## OSGi and the Internet of Things

The OSGi Alliance is exploring the role of OSGi technology in the Internet of Things (IoT). The Alliance will sponsor two workshops this year to collect open industry requirements for secure and agile end-to-end solutions across platforms and devices, including sensors and actuators and their protocols.

We know that enabling these solutions will require a joint effort, where industry stakeholders collaborate to achieve faster market development, building their solutions on common standards, while offering added value through their expertise and product portfolio.

You are invited to get involved in the proposed IoT expert group and the workshops. The European workshop is May 21, 2015, in Berlin at Oracle, and the U.S. workshop is June 4, 2015, at Adobe Systems in San Jose, Calif. Please contact [iot@osgi.org](mailto:iot@osgi.org) for more information.

OSGi technology provides a modular agile architecture, including a dynamic lifecycle mechanism, for a broad variety of product solutions and services across industries. The OSGi Alliance intends to leverage its proven technology and ecosystem to start new specification work that effectively contributes to the realization of IoT.

OSGi IoT workshop and EG information

### **DT Uses OSGi in Smart Home Ecosystem**

QIVICON drives mass adoption of smart home solutions with a partner network that creates choice and competition for end consumers and providers alike, and leverages OSGi standards to ease the



development, remote management and deployment of smart home applications. [Read more.](#)

### **JSR 376 could benefit from OSGi experiences**

*Peter Kriens asks JSR 376 committee, “where do I sign up?” in his latest [blog](#).*

## **OSGi Developer Certification - Foundation Level**

The second OSGi Developer Certification - Foundation Level exam was held in January in San Francisco. Watch the website and your email inbox for the next certification exam date.

OSGi Developer Certification proves IT professional and developer expertise and experience with OSGi technology and OSGi specifications, providing employers with confirmation of an employee's or prospective employee's OSGi qualifications. [Exam details](#) and topics are available for review.

OSGi Developer Certification – Foundation Level candidates should have some practical experience using OSGi, as well as a good understanding of OSGi R5 specification topics that are covered in the exam.

The exam fee is \$500 with discounts available for OSGi Alliance members and students. Request your discount information [here](#).

The OSGi Alliance maintains a registry of certified OSGi developers so third parties can verify their expertise.

## **CPEG and EEG**

CPEG and EEG are working hard to complete the Compendium and Enterprise Release 6 specifications. Significant progress has been made on specification writing and work on the corresponding Reference Implementations and Compliance Tests is progressing. We anticipate completing the specification writing by the end of the first quarter for publication by mid-year. The RI and CT completion should follow shortly thereafter.

## **REG**

REG just completed work on a few remaining RFCs for resource monitoring, USB Information Device Category and serial device service. REG members made good progress on the specifications, RIs and CTs for the Device Abstraction Layer and EnOcean Device Service and Network Interface Information Service.

In addition, a joint workshop between OSGi Alliance and HGI on Device Abstraction was hosted by NEC Laboratories Europe

## **Marketing**

The OSGi Alliance website now has three customized paths into the [www.osgi.org](http://www.osgi.org) website based on audience needs and interests: developer, business and OSGi enRoute. In addition, a site redesign this spring will look more modern and appealing, making it easier for visitors to find the information they seek.

Now is the time to update your organization's list of commercial products with OSGi. Send your updates to

•  
in Heidelberg to  
synchronize the work  
between both  
organizations.

[Alisa Pfeil](#). If you have any  
new open source projects  
or business cases to update,  
please submit those as well.

• • •

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