



OSGi ALLIANCE LAUNCHES NEW EXPERT GROUP TO PROVIDE MODULAR SOLUTIONS FOR IoT

SAN RAMON, Calif. – Sept. 23, 2015 – The OSGi Alliance has launched a new Internet of Things expert group to create modular and dynamic software specifications to meet the end-to-end connectivity, lifecycle management, web applications and server platform requirements of IoT providers.

The OSGi Alliance is soliciting requirements from the industry, collaborating with best practice organizations and offering event programming for OSGi in IoT.

Alliance members can provide requirements and contribute to specifications and reference implementations. The public can also raise requirements using the OSGi [bugzilla system](#), referencing RFP 174.

OSGi specifications already cover many of the features required for an IoT platform since they were originally created for the remote and dynamic management of a broad variety of home automation devices, residential gateways and embedded systems. This will allow the expert group to work quickly and efficiently on the IoT-specific gaps not completely addressed by existing specifications.

“The sheer volume of IoT choices – communication and transportation protocols, web applications and even specific product release versions – can be overwhelming,” said Tim Ward, interim chairman of the OSGi IoT Expert Group. “With OSGi, you will be able to add, update or replace protocols, apps and code simply and without disrupting your IoT offerings.”

The IoT expert group charter is available on the OSGi [IoT expert group web page](#).

Best Practice Collaboration

The [Industrial Internet Consortium](#) and the OSGi Alliance have agreed to collaborate on requirements and recommendations, including problem statements, use cases, specification requirements and recommendations. The [Industrial Internet Consortium Asset Efficiency Testbed](#) already deploys the mature OSGi technology to improve time to market and provide a bridge for integrating and managing the array of devices and sensors. OSGi Alliance will consider the Industrial Internet Consortium testbed results in its specification work, and will exchange best practices with the Industrial Internet Consortium. The two groups anticipate more testbeds, which will help to foster the collaboration between both organizations.

“This official partnership between Industrial Internet Consortium and OSGi Alliance is the right step to improve the time to market and interoperability of industrial IoT applications,” said Dr. Richard Soley, executive director, Industrial Internet Consortium. “We are happy to further develop our collaborative relationship with this well-established open standardization organization.”



IoT Event Programming

The [OSGi Community Event](#) will be held Nov. 3-5 in Ludwigsburg, Germany. The program will highlight OSGi in IoT and includes an app development competition and demonstration that uses OSGi to control a model train IoT environment from the cloud to the actuator and sensor level. The [software development kit](#) for the IoT contest will be available Oct. 1.

For more information on OSGi in the Internet of Things, visit the OSGi [IoT expert group web page](#).

About the OSGi Alliance

The OSGi Alliance is a worldwide consortium of technology innovators that advances a proven and mature process to enable the componentization of applications into well-defined software modules, and ensure interoperability of applications and services over a broad variety of devices. The Alliance provides specifications, reference implementations, test suites and certification to foster a valuable cross-industry ecosystem. OSGi technology is shipping in millions of units worldwide, and is deployed by Fortune Global 500 companies in enterprise, desktop, smart home/energy and telematics markets. Member companies collaborate within an egalitarian, equitable and transparent environment and promote adoption of OSGi technology through business benefits, user experiences and forums. For more information on the non-profit technology corporation, visit <http://www.osgi.org>.

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