OSGi ALLIANCE DEMONSTRATES IoT STRENGTHS AT CeBIT

Runs Interactive IoT Train Environment March 14-18,
Presents '*Business and IoT - Economic Alchemy or Another Anticlimax?*'

SAN RAMON, Calif. —March 9, 2016 — The OSGi Alliance will showcase an OSGi IoT demo in the CeBIT 2016 IoT Solutions Pavilion March 14-18. Using LEGO® trains, the demonstration will show how simple it is to build, interoperate, run and change live services running in edge devices, gateways and the cloud using OSGi and OSGi enRoute.

The demonstration is located in the IoT Solutions Eurotech & Partner space, stand E77 in Hall 13 at CeBIT.

Building on its success at the 2015 OSGi Community Event, the demo has been extended with Eclipse Kura, Eurotech DynaCOR and Eurotech ReliaGATE 10-20 gateways to allow stand visitors to interact with sensors that affect the trains' behavior.

The demonstration shows how OSGi specifications and OSGi enRoute enable the seamless interoperation of open source projects and commercial products to deliver an extensible and evolvable standards-based end-to-end OSGi IoT solution. OSGi Alliance contributors and members Eurotech, iMinds, Paremus and ProSyst Software collaborated to deliver the OSGi ecosystem IoT solution.

The OSGi based cloud is provided by the Paremus Service Fabric. ProSyst mPRM remote management platform and Eurotech Everywhere Cloud management services are deployed on the cloud to interact and manage the remote OSGi based Raspberry Pi devices and other OSGi gateway devices within the demo. RFID is used to monitor and report each train's location on the track and a cloud-hosted MQTT service facilitates the sharing of information and messages between the different elements.

The Eurotech Partner area at stand E77 will also include a broad selection of real-world OSGi based solutions, including analytics and predictive maintenance from Hitachi High-Tech Europe, industrial PLC integration, smart energy from Misurio Ltd., managed PDU from Om7Sense, facility management/retail from FSI Ltd., people counting, and smart city/environmental monitoring.

"The IoT demonstrations showcase a live and kicking open source, commercial and standards ecosystem that delivers solutions today," said Robert Andres, chief marketing officer, Eurotech Group. "OSGi is a pillar in the standards pavilion."

In addition to the OSGi IoT demonstration activities, Richard Nicholson, OSGi Alliance board member and former president, will present "Business and IoT -Economic Alchemy or Another Anticlimax?" at CeBIT on Tuesday, March 15, at 1:30 p.m. His presentation will review the fundamental characteristics required for any pervasive IoT solution to transform markets and businesses, and he will discuss the central importance of an industry standard for software modularity.

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 www.osgi.org.

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