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MQTT and STIX/TAXII/CyboX Win 2016 Open Standards Cup; Richard Coppen and Richard Struse Named Distinguished Contributors

8 August 2016 ? The **MQTT** standard for the Internet of Things (IoT) and the **STIX, TAXII, and CyboX** standards for Cyber Threat Intelligence (CTI) were both awarded the 2016 Open Standards Cup in recognition of exceptional advancements within the international IT community. **Richard Coppen of IBM** and **Richard Struse of the U.S. Department of Homeland Security** were honored as Distinguished Contributors for their work in the OASIS open standards consortium.

Open Standards Cup Recipients

Awarded in the Outstanding Approved Standard category, [MQTT](#) [1] defines an extremely lightweight publish/subscribe messaging transport protocol. Because it requires significantly less bandwidth and is so easy to implement, MQTT is well suited for IoT applications where resources such as battery power and bandwidth are at a premium. The standard has received wide adoption across the IoT industry. The OASIS MQTT Technical Committee is co-chaired by Richard Coppen of IBM and Brian Raymor of Microsoft.

Finalists in the Approved Standard category include the Darwin Information Typing Architecture (DITA), Open Data Protocol (OData), and the Universal Business Language (UBL).

Awarded in the Outstanding New Initiative category, [STIX, TAXII, and CyboX](#) [2] support automated information sharing for cybersecurity situational awareness, real-time network defense, and sophisticated threat analysis. The OASIS CTI Technical Committee is chaired by Richard Struse.

Finalists in the New Initiative category include Biometric Services (BIOSERV) and XLIFF Open Model (XLIFF-OMOS).

Distinguished Contributors

Richard Coppen and Richard Struse were honored as Distinguished Contributors in recognition of their accomplishments as leaders, consensus builders, and evangelists for open standards.

Richard Struse serves as the Chief Advanced Technology Officer for the U.S. Department of Homeland Security's National Cybersecurity and Communications Integration Center (NCCIC) where he is responsible for technology vision, strategy and implementation in support of the NCCIC's mission. He is recognized as a pioneer in the development of the STIX, TAXII, and CyboX standards and was instrumental in successfully transitioning the CTI work to OASIS.

Richard Coppen is a Senior Software Engineer at IBM, leading delivery of messaging technologies, including

IBM MQ and IBM Watson IoT. Richard has extensive experience in development and testing of messaging solutions and is recognized as an IBM agile champion. As a keen maker, he enjoys modifying and improving things with MQTT. Richard is a Chartered Engineer (CEng), Fellow of the BCS (FBCS) and has chaired the OASIS MQTT Technical Committee since it was founded in 2013.

About OASIS

OASIS is a non-profit, international consortium that drives the development, convergence and adoption of open standards for the global information society. OASIS promotes industry consensus and produces worldwide standards for content technologies, digital experiences, security, privacy, cloud computing, IoT, and other areas. OASIS open standards offer the potential to lower cost, stimulate innovation, grow global markets, and protect the right of free choice of technology. OASIS members broadly represent the marketplace of public and private sector technology leaders, users, and influencers. The consortium has more than 5,000 participants representing over 600 organizations and individual members in 65+ countries. # # #

For more information, please contact Carol Geyer, Senior Director, at carol.geyer@oasis-open.org or +1.941.284.0403.

Links:

[1] <https://www.oasis-open.org/committees/mqtt>

[2] <https://www.oasis-open.org/committees/cti>