Invitation to participate in MQTT Standardization

With growth in solutions and products supporting M2M, the Internet of Things and Smarter Planet, many industries are seeing increasing demand to map physical world events into digital events for enterprise and Web applications. This brings an inherent need to integrate sensors, actuators and other types of devices with a wide range of application middleware and Web programming models. These applications need to connect and communicate with devices ranging from simple sensors and actuators, to complex embedded edge-of-network controllers, often over wireless networks.

MQTT is a simple, predictable, and easy to implement message protocol useful for connecting the world of physical sensors, controllers and mobile devices, with servers used in Web, enterprise, and other applications where a lightweight messaging protocol is desired. Backed by proven scalable implementations, MQTT is designed to handle runtime platform constraints, network constraints and various combinations of both. It supports implementations that run on embedded devices with limited processor or memory resources, connecting to a range of web services and enterprise middleware in constrained environments where networks may have any combination of low bandwidth, intermittent connectivity, unpredictable reliability, or high data cost.

The MQTT protocol specification, in the public domain since 1999, was published under royalty-free terms in 2010. New M2M solutions, fueled by exponential growth in wireless device connections, bring the need for reliable and scalable messaging. To support industry growth and ensure open connectivity, Eurotech and IBM are planning to bring the MQTT protocol to a standards organization. We welcome your interest and participation in this standardization initiative.b

If you are interested in supporting or participating the standardization of MQTT, or would just like to learn more about this initiative, we would like to hear from you. Please contact:

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