IoT Steering Committee Minutes
November 27, 2023

Agenda

Agenda Topics	Moderator	Minutes
Adopt the minutes of the September 25, 2023, and November 14, 2023 calls	Frédéric	5
Marketing update	Clark	10
ISO/IEC JTC 1/SC 41 plenary	Frédéric	10
Eclipse ThreadX announcement discussion	All	15

Present

Robert Andres — Eurotech
Frédéric Desbiens — Eclipse Foundation
Kilton Hopkins — Edgeworx
Jeffrey Osier-Mixon — Red Hat
Clark Roundy — Eclipse Foundation

Absent

Caroline Buck — Bosch
Marco Carrer — Eurotech
Angelo Corsaro — ZettaScale
Kai Hudalla — Bosch
Jens Reimann — Red Hat

1. **September 25, 2023, and November 14, 2023 calls**
   The committee approved the minutes unanimously.

2. **Marketing update**
   Clark Roundy informed the committee about recent and upcoming marketing activities.

   The 2023 IoT and Edge Developer Survey report is our most successful report to date, with

over a thousand downloads resulting in hundreds of new contacts.

3. **ISO/IEC JTC 1/SC 41 plenary**
   Frédéric Desbiens travelled to Seoul, South Korea, to participate in the ISO/IEC JTC 1/SC 41 fall plenary. The plenary took place the week of November 6, 2023.

   Work on ISO/IEC 30141 ED2 Internet of Things (IoT) - Reference architecture will conclude in December 2023. Work on ED3 will start right away. This reference architecture will be designed to be specialized through customizations called "patterns." Plenary attendees expressed interest in working on an "Edge Computing" pattern to which the Eclipse Foundation could participate. Some of them also suggested we could produce an official ISO/IEC document documenting an "Eclipse Foundation IoT" pattern.

4. **Eclipse ThreadX announcement discussion**
   Frédéric Desbiens presented to the committee an overview of [Microsoft's recent announcement](#) that they would contribute their existing Azure RTOS to the Eclipse Foundation to form the basis of the new Eclipse ThreadX project. The new project will be placed under the Eclipse IoT top-level project.

   The committee discussed the implications of this move on Eclipse IoT. The delegates highlighted that this could result in the broader adoption of Eclipse IoT projects in the broader embedded ecosystem. Frédéric noted that Eclipse 4Diac Forte can already run on the top of the ThreadX kernel and that NetX Duo, ThreadX's network stack, includes an MQTT client. He added that making sure that Eclipse zenoh and Sparkplug are first-class citizens on ThreadX is a major objective for 2024 from his perspective.