Eclipse Milo™

Project Update ECE 2016

What is Eclipse Milo™

- OPC UA Stack, Client SDK, Server SDK
- Written in Java 8
- Originally released under "digitalpetri" namespace at https://github.com/digitalpetri/opc-ua-stack and https://github.com/digitalpetri/opc-ua-sdk

What is OPC UA?

- Aka IEC 62541
- A communication protocol and data model description for industrial automation, Industrial IoT

Kevin Herron

- "That's me"
- https://github.com/kevinherron
- Check out
  https://github.com/digitalpetri

Initial Contribution

- Initial contribution made
- Code is under review
- Most dependencies are processed
- Build is hosted a Eclipse infrastructure

Community

- There is an existing community from the time before Eclipse
- The community is mostly working on GitHub

Integrations

- Apache Camel™ endpoint for client and server
  - Already on GitHub - https://github.com/ctron/de.dentrassi.camel.milo
  - Ready when the first Milo milestone is available
- Eclipse Kura™
  - As part of upcoming Kura Wires
  - As part of the Apache Camel integration
- Eclipse NeoSCADA™
  - There is a plan to provide an OPC UA driver and may be exporter

Next steps

- First milestone build
- First release