Kura Project Update

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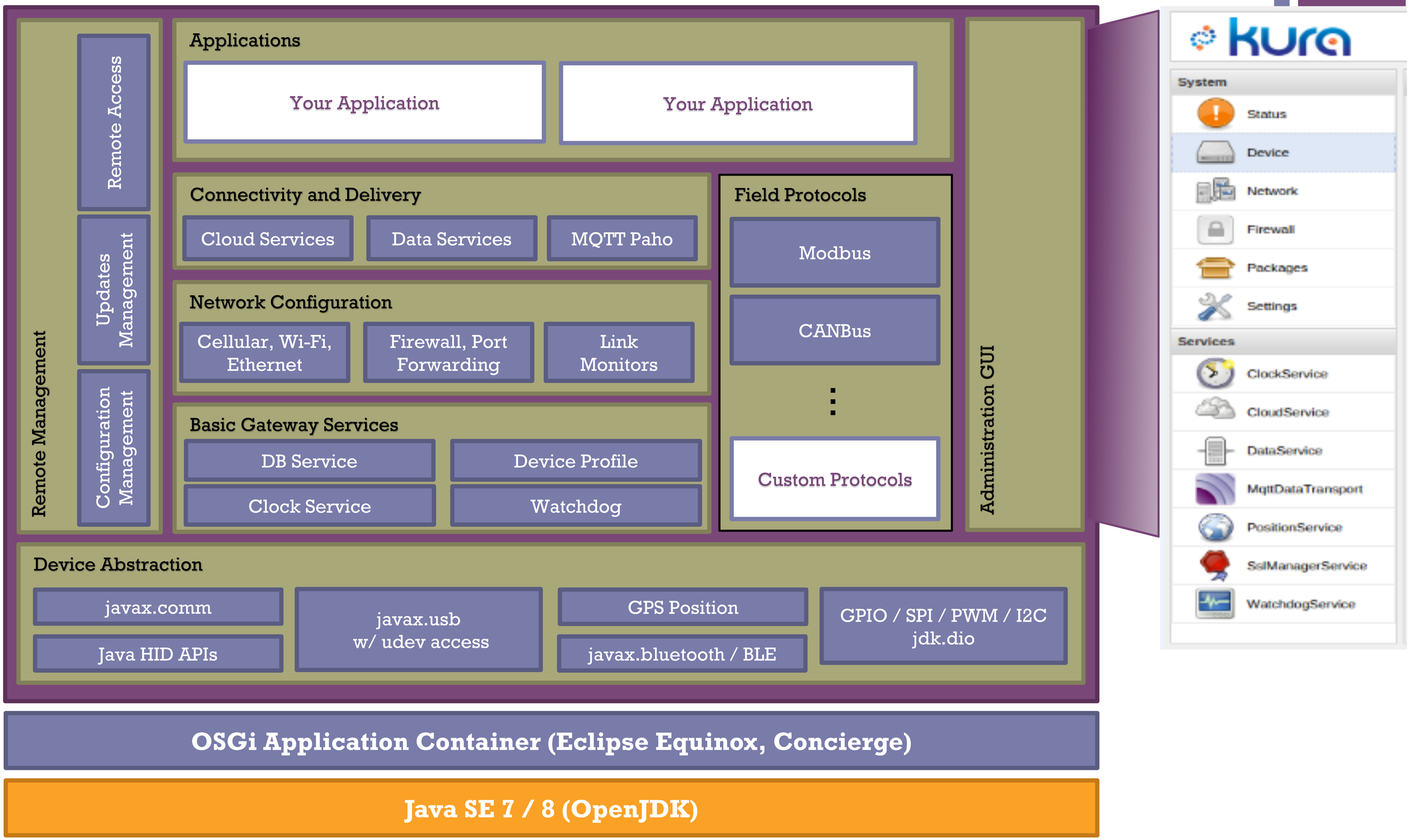
Eclipse Kura

Eclipse Open IoT Stack for Java



Kura Project Plan

- Kura 1.1.1
  Released in Dec 2014
  - GPIO, I2C, SPI, PWM, UART
    - OpenJDK Device I/O
  - Paho 1.0.1
  - New Upgrade Procedure
  - Advanced Firewall Config
  - Advanced Modem Monitor
  - Documentation and Tutorials

- Kura 1.2.0
  Planned for Q2 2015
  - Bluetooth LE (gatttools)
  - Bluetooth Classic (bluecove)
  - JDK 8 Validation
  - Eclipse OSGi Concierge
  - Many bug fixes
  - Preview of:
    - CoAP Transport
    - LWM2M Management

Kura Next Steps

- Integrations
  - Californium/Leshan
    - Started in Q1
  - Eclipse Vorto
    - Started in Q1
  - Apache Camel
    - Started in Q1
  - Eclipse SCADA
    - Start in Q2
  - BitReactive
    - Work on integrated release
- New Tutorials
  - Shoot-a-Pi (Q1)
  - TI SensorTag (Q2)
  - MQTT Management

- Key Challenges
  - Licenses
    - GPL+CPE License
    - FLOSS License
    - Need separate distribution
  - Community
    - Widen Community
    - External contributors

Thank You!Next Steps

Fork me on GitHub!

- https://github.com/eclipse/kura/
- Join the discussion:
  - kura-dev mailing list
  - iot-dev mailing list