EclipseCon Europe 2016 Unconference / IoT WG

Eclipse Concierge Project Update

Jochen Hiller, Deutsche Telekom AG

Eclipse Concierge
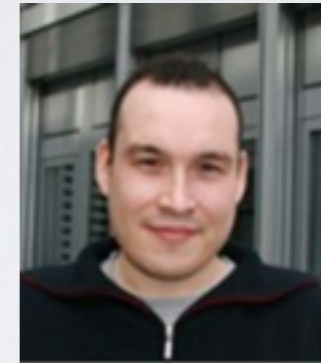
Project Overview

- Full OSGi core >=R5 compatibility

- Keep a small footprint to work well on embedded devices

- Remain "readable"

- Remain backwards-compatible

- Being a sandbox for innovation around OSGi

- See JavaOne presentation:
  Building Small and Efficient Internet of Things Applications with Concierge
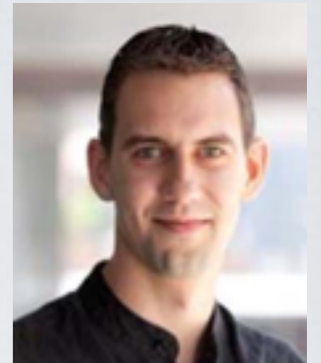
Eclipse Concierge

- Project stats:
  - #downloads, #views: #NA
  - #contributors: 3 committer, few contributions
  - #bugs: 58 (46 closed, 12 open)
- Project plan:
  - Move source code/issues to GitHub (soon)
  - R6.0 compliant
  - Support development of Concierge with bndtools
- Key challenges:
  - Establish developer community around Concierge
  - Adoption of Concierge
- Collaboration Opportunities:
  - Kura, SmartHome, Paho, Californium, have a common stack for an IoT gateway
  - More lightweight OSGi services based on Concierge (EventAdmin, REST, Resolver, Coordinator)

Jan Rellermeyer   Tim Verbelen

Eclipse Concierge

EclipseCon / OSGi Community Event:

- Tim Verbelen: DIANNE: A distributed deep learning framework on OSGi

- Jan Rellermeyer, Tim Verbelen, Jochen Hiller: Getting to the Next Level with Eclipse Concierge

Website: www.eclipse.org/concierge

Thanks!

Jochen Hiller
@jochenhiller