Eclipse Leshan



LESHAN



Java library for implementing servers & clients Friendly for any Java developer Simple (no framework, few dependencies) But also a Web UI for discovering and testing Build using "mvn install" **Based on Californium and Scandium**



Started 22 Jul. 2013 @ Sierra Wireless First external contribution 10 March 2014 Public sandbox Jul. 2014 Proposed as an Eclipse project Sep. 2014 **Client contributed Oct. 2014**

Activity (OCT '15 - SEP '16)

~409 commits

157 mailing list messages

22k Lines of Java code

~2k maven central download every month

OMA LWM2M 1.0

Should be released this week or so

Supported features: <u>https://github.com/eclipse/leshan/wiki/Supported-features</u>

From lib + demo server

Leshan demo server

Web User Interface: Javascript (AngularJS) + Bootstrap

HTTP JSON API Servlets

Client registry Request sender

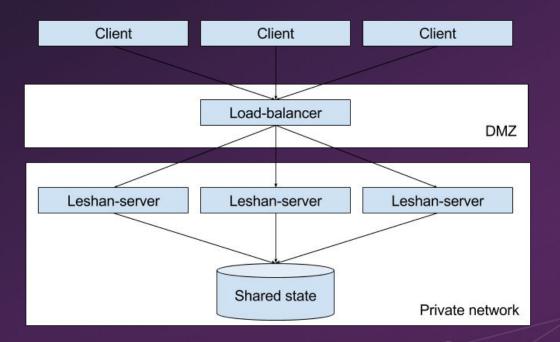
Observation registry

Security registry

CoAP + DTLS server server (Californium + Scandium)



To cluster of LWM2M server Lot of impacts on Cf +SC



Thanks!

https://eclipse.org/leshan