

Eclipse Californium

Project Update

Overview

Californium is a powerful CoAP framework targeting back-end services and stronger Internet of Things devices.

It provides a convenient API for RESTful Web services that support all of CoAP's features.



Stats

Initial Code Contribution	Apr 2014
Committers	5
Contributors	21
Commits	~610
PRs (last month)	6
Issues opened (last month)	4
Issues closed (last month)	6
Unique GitHub cloners	52

Release Plan

Version	Date	Content
1.1	Nov 2016 (?)	initial support for CoAP-over-TCP, bugfixes, improvements
2.0.0	Dec 2016 (?)	initial support for CoAP-over-TCP, initial support for fail over scenarios between server nodes

Challenges

- CoAP & related specs leave "room for interpretation"
- applying CoAP & DTLS in NATed IPv4 environments
- aligning Californium with LWM2M's implicit and explicit requirements

Opportunities for Collaboration

