**Proxy CoAP<->HTTP**

**Server info** :

IP 194.249.231.18

http://e6hermes.ijs.si , http://e6-hermes.ijs.si

**Proxy usage** *(beta)*:

<http://e6hermes.ij.si/coap/> *version* / *method* / *url* + /payload+ / *format output*

----------------------------------------------------------------------------------------------------------------------

**version** - coap version which you use (\_08, \_12, \_13) ..

**method** - get / put / post / delete (request method)

**url**  - for url format write whole coap url with ipv6 and handler which you prefer . Just

instead slash in url write back slash.

Example : coap:\\[2001:1470:ff80:e61:212:4b00:6:7670]\test\path

For discovering -

coap:\\[2001:1470:ff80:e61:212:4b00:6:7670]\.well-known\core

**payload** - include text as payload, used with put | post | delete (use percent-encoding for

non-ASCII characters)

*Additional option which is not necessarily is format output if you like to have json format, at the end after url write json .*

----------------------------------------------------------------------------------------------------------------------

Examples :

http://e6hermes.ijs.si/coap/\_13/get/coap:\\[2001:1470:ff80:e61:212:4b00:6:7670]\test\path/json

http://e6hermes.ijs.si/coap/\_13/get/coap:\\[2001:1470:ff80:e61:212:4b00:6:7670]\test\path

http://e6hermes.ijs.si/coap/\_13/get/coap:\\[2001:1470:ff80:e61:212:4b00:6:7670]\.well-known\core

http://e6hermes.ijs.si/coap/\_13/put/coap:\\[2001:1470:ff80:e61:212:4b00:6:7670]\test\led/status=1

**Node in office N403**

---------------------------------------------------------------------------------------------------------------------

http://e6hermes.ijs.si/coap/\_13/get/coap:\\[2001:1470:ff80:e61:212:4b00:6:7670]\temperature\1\data + /json

http://e6hermes.ijs.si/coap/\_13/get/coap:\\[2001:1470:ff80:e61:212:4b00:6:7670]\temperature\1\metadata + /json

http://e6hermes.ijs.si/coap/\_13/get/coap:\\[2001:1470:ff80:e61:212:4b00:6:7670]\humidity\1\data + /json

http://e6hermes.ijs.si/coap/\_13/get/coap:\\[2001:1470:ff80:e61:212:4b00:6:7670]\humidity\1\metadata + /json

---------------------------------------------------------------------------------------------------------------------

https://github.com/markushx/coap-cheatsheet/blob/master/coap-cheatsheet.pdf?raw=true

**CoAP libraries:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

version( 03,07/08,10,12,13)

libcoap  *C*  <http://sourceforge.net/projects/libcoap/>

Californium *Java*  <https://github.com/mkovatsc/Californium>

version ( 03)

Coapy *Python* <http://sourceforge.net/projects/coapy/>

*not tested*

*python* [*https://github.com/okoye/COAP*](https://github.com/okoye/COAP)

*node.js module* [*https://github.com/errordeveloper/node-coap*](https://github.com/errordeveloper/node-coap)

*android sampling* [*https://github.com/afaquejam/android-coap-sampling*](https://github.com/afaquejam/android-coap-sampling)

*android coap client* [*https://github.com/afaquejam/androidcoapclient*](https://github.com/afaquejam/androidcoapclient)

*C# .NET framework https://github.com/smeshlink/CoAP.NET*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_