CoAP Implementation Guidance
(draft-ietf-lwig-coap-06)

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CoAP Implementation Guidance

▶ https://github.com/lwig-wg/coap

▶ Goals

▶ document lessons learned from existing implementations
▶ focus on class 1 devices (cf. RFC 7228)
▶ CoAP message processing and handling
▶ “core extensions” (observe RFC 7641, block RFC 7959)

▶ Non-goals

▶ document any extension possible
▶ duplicate special topics (e.g., RFC 8387, draft-ietf-lwig-tcp-constrained-node-networks)
Status

- most of the text has been sta(b)le for a while
- version -06
  - updated references
  - updated text on CoAP over TCP
  - additional text contributed by Christian Amsüss
- there are still some TBDs and one open issue (URI Fragments)
- stub sections that need to be filled
  - 5.4 DTLS
  - 8 Security Considerations
Next Steps

▸ Need your input
  ▸ what is missing?
  ▸ review!