

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 stable 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!