

The ColoT Protocol for Shelly devices

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The ColoT protocol is yet another protocol for IoT communication and integration. ColoT is based on CoAP with some additions as new request code 0.30 for status publishing. All payloads are JSON encoded. All responses are piggyback send with the acknowledgment to further simplify CoAP implementation.

Every ColoT device is expected to handle a set of request URIs and generate responses in predefined format. Also every device is required to periodically send a multicast CoAP request with code 0.30 that describes it state.

Every CoAP request package and every response with payload should also carry some mandatory CoAP options (headers).

[ColoT for Shelly devices \(rev 1.0\) .pdf](#)