

Web of Things Protocol Bindings

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Existing Draft WoT Binding Protocols

- HTTP
- CoAP
- Modbus
- MQTT
- BACnet
- Profinet

Plan: Move from Draft to Note publication

Note Publication Process

Step 1: Pilot phase for the binding registry

<https://w3c.github.io/wot-binding-registry/#registry-definition>

Issue template creation for submission: <https://github.com/w3c/wot-binding-registry/issues/15>

Step 2: Mechanical process required by the W3C

<https://github.com/w3c/wot-binding-templates/tree/main/publication>

Step 3: Review of existing artifacts for the protocol bindings

ontologies, json schema, json-ld context

- We need a list/review check mechanism for the existing protocols.
- Open issue: Defining test report content

<https://github.com/w3c/wot-binding-registry/issues/3>

Discussion Points

- BACnet binding to be published with ASHRAE
- OPC UA binding to be published with OPC foundation
- Use existing tooling vs new tooling for the existing binding documents?

Ege: We should put the new tooling after it works for the TD. For existing protocol bindings, I don't see the point.

Profinet does not have an ontology.

- Do we want to focus on new protocol bindings at this point in time?

Matter?