WoT Profile

Spec Structure + Next steps

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WoT Profile

Building Blocks

HTTP Baseline (Properties, Actions)	Webhook Events	SSE Events

Common constraints, units, time format, languages, …

HTTP Baseline + Common Constraints

A stable foundation

- reflects implementations from multiple plugfests

- Easily testable

- Additional constraints to reduce ambiguities

- additional constraints to reduce implementation effort

Webhook + SSE Events

- Two event mechanism for different use cases

- Limited implementation experience

- not yet „plug-tested"

- Do we have two implementations of each?

- Is the corresponding spec charter stable?

Alternatives

A. Don't publish Profile REC within this charter, defer to next charter

   -> No OOTBI after 2 years of work

B. Publish the Profile as a WG-note in this charter period

   -> maintain as a living document, spec may change

   -> Harmful for OOTBI

C. Publish the Profile 1.0 as a REC, make event mechanisms non-normative

   -> Make normative in Profile 1.1 after sufficient plug-testing

D. Publish Profile 1.0 as REC with "HTTP Baseline" only

   -> Profile 1.1 to include normative alternative event mechanisms

WoT Profile

Normative Sections

HTTP Baseline
(Properties, Actions)

Webhook Events

SSE Events

Common constraints, units, time format, languages, …

WoT Profile
Informative Sections

HTTP Baseline
(Properties, Actions)

Webhook Events

SSE Events

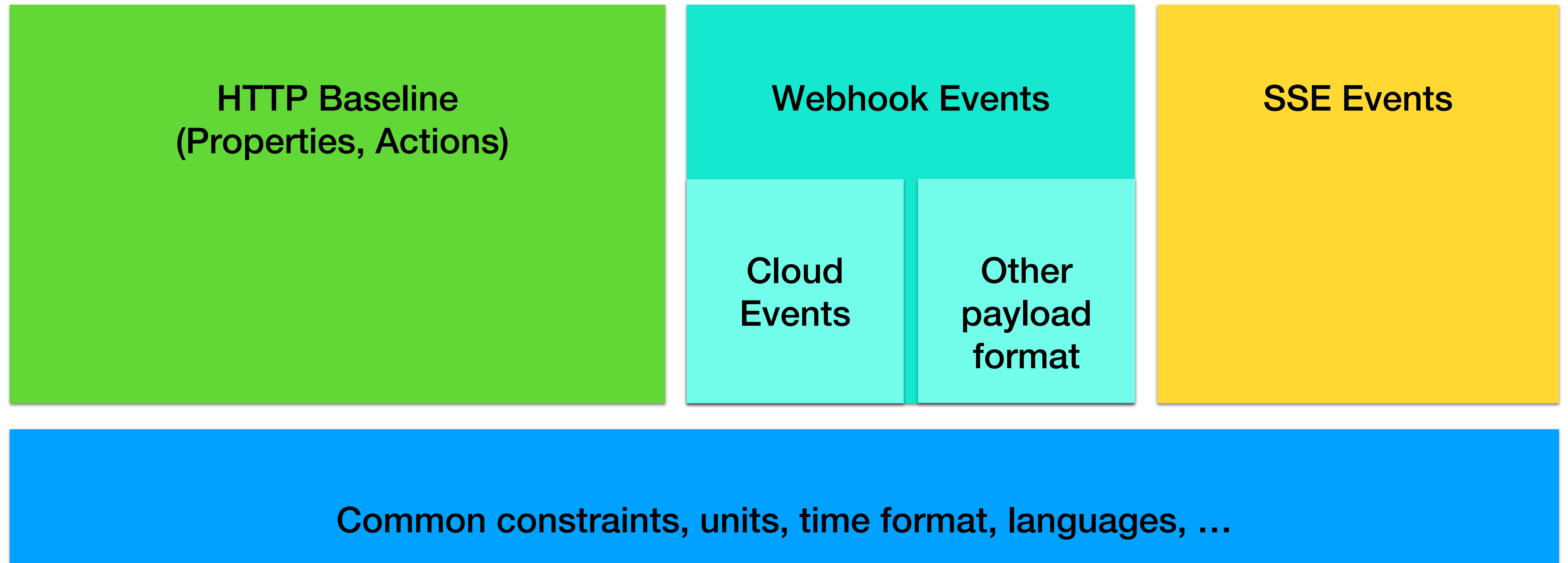Common constraints, units, time format, languages, …

Events

Payload format for Webhooks

- Webhook events need further consideration

- Message payload format is under discussion

  - Some concerns were raised against CloudEvents as the single payload format

  - More lightweight format could be defined

- **Proposal required for https://github.com/w3c/wot-profile/issues/258**

WoT Profile

Building Blocks

**HTTP Baseline
(Properties, Actions)**

Webhook Events

Cloud Events

Other payload format

SSE Events

Common constraints, units, time format, languages, …

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Building Blocks