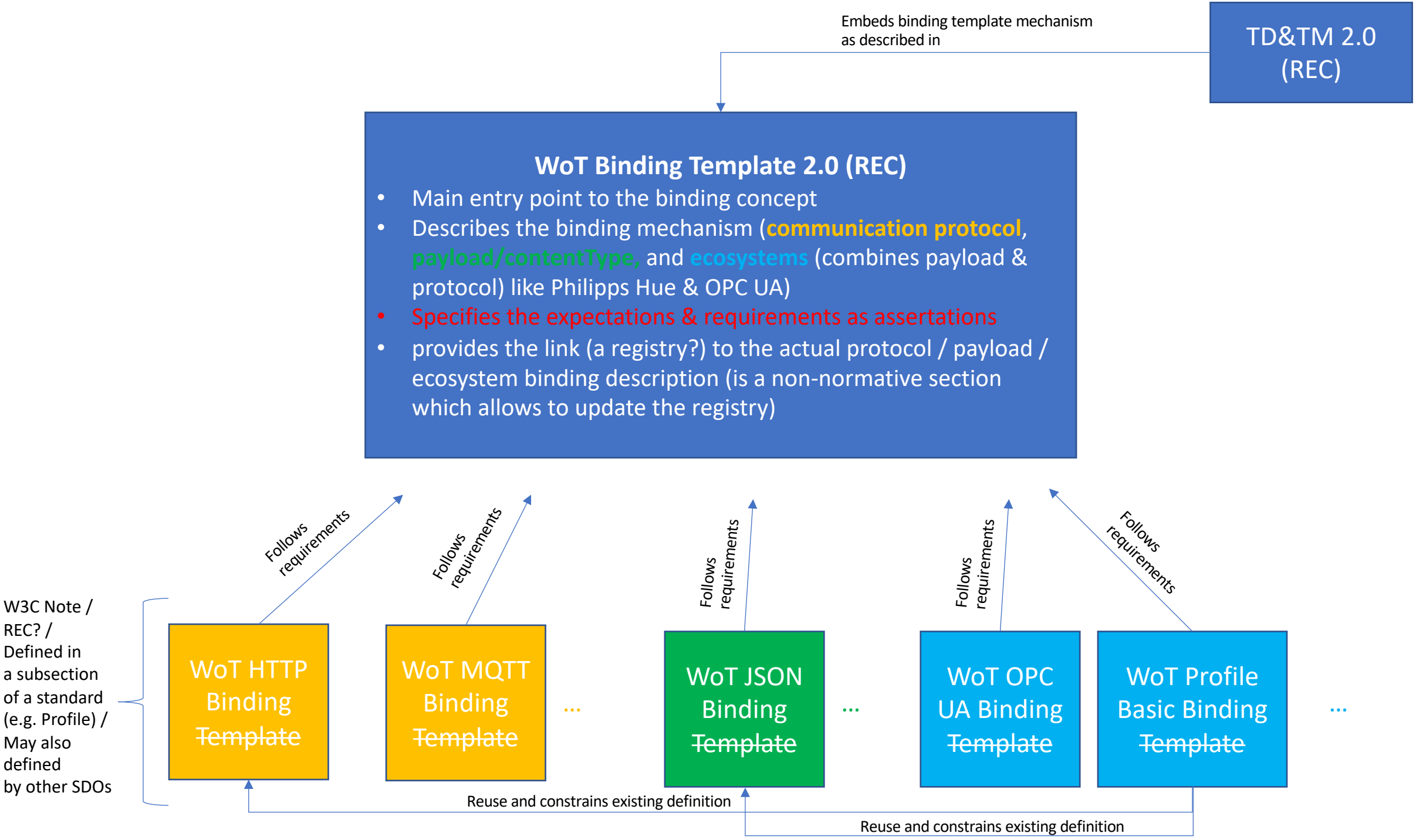
Embeds binding template mechanism as described in
TD&TM 2.0 (REC)
WoT Binding Template 2.0 (REC)
• Main entry point to the binding concept
• Describes the binding mechanism (communication protocol, payload/contentType, and ecosystems (combines payload & protocol) like Philipps Hue & OPC UA)
• Specifies the expectations & requirements as assertations
• provides the link (a registry?) to the actual protocol / payload / ecosystem binding description (is a non-normative section which allows to update the registry)
Follows requirements
Follows requirements
Follows requirements
Follows requirements
Follows requirements
W3C Note / REC? / Defined in a subsection of a standard (e.g. Profile) / May also defined by other SDOs
WoT HTTP Binding ~~Template~~
WoT MQTT Binding ~~Template~~
...
WoT JSON Binding ~~Template~~
...
WoT OPC UA Binding ~~Template~~
WoT Profile Basic Binding ~~Template~~
...
Reuse and constrains existing definition
Reuse and constrains existing definition

TD & TM 2.0 REC vs TD 2.0 REC & TM 2.0 REC

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TD&TM 2.0 (REC)

- TM/TD should be better conceptional designed in the document.
  → Begin with TM and then go to TD (however, TM can be also seen as an extension of a TD)

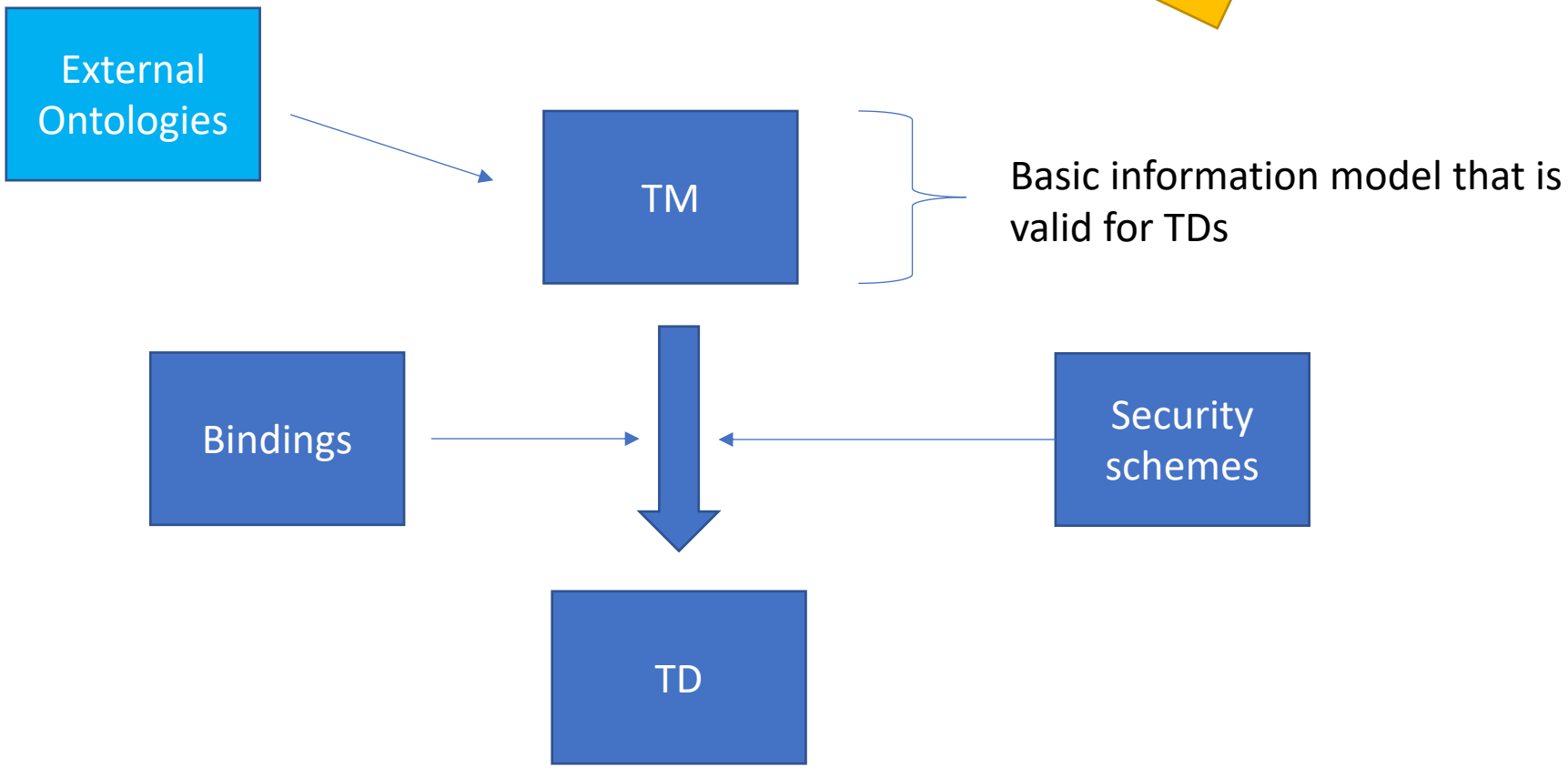
+ not another REC for TM

TD 2.0 (REC)

TM 2.0 (REC)

+ Lightweight documents
+ Easier to find “Thing Model” definitions
+ Standalone documents are more suitable for newcomers
+ TM can maintain its own ontology definition (which will be the identical one as the TD ontology, however, uses a different namespace)

- Too many duplicated definitions?
- complicate to sync
- Too many RECs

Basic Structure of TD & TM 2.0 REC

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