iot.schema.org

Scope, Charter, and Organization
Work Stream

Work Streams

- Develop the Charter and Organization
  - M. Koster
- Develop Tools
  - D. Janes
- Develop Prototypes and Community Examples
  - D. Anicic
- Participation Level
  - Team – Distill and Synthesize Superset
  - Collaborator – Submit contributed examples
  - Participant – Review and contribute expertise

Organization and Communication

- Mailing list for general discussion
  - https://groups.google.com/forum/#!forum/sdo-iot-sync
- Github
  - https://github.com/iot-schema-collab
  - Use issues for feedback and comments
  - Wiki for quick informational pages
- Community Group
  - Membership in W3C WoT CG or schema.org

What We Want To Describe

- Connected Things
  - Descriptions of functions and affordances
  - Existing Definitions, e.g. OCF, dotdot, Haystack
  - Not just sensors or gadgets; also the real-world things they tell us about e.g. "front door open"
- Behaviors of Connected Things
- Context of Connected Things
- Orchestration of the Behavior of Things Together In Context
- Across Multiple Vertical Application Domains

What is our measure of success?

- Semantic annotation for W3C WoT Thing Description

- Interop client can read TD from two or more different device ecosystems and orchestrate them together

- Interoperability may use protocol bindings or code generation/translation

What Next?

- What is the next level of minimalism beyond Events, Actions, Properties?
- Definitions of Capabilities and Behaviors
- Definitions for the things being sensed and actuated
- Interop events with Web of Things