

TD vs. Hydra

TPAC Lisbon 2016 (Break-out)

Starting Point

<https://github.com/bergos/wot-examples/>

Models a temperature sensor and its
interactions



Could we use Hydra to model (non-default)
interactions with a Thing?

Outcomes

- Is relevant to describe operations on properties, actions, events
 - Monitoring of invoked actions
 - Specific operations on properties (readable?)
- Might also be relevant for error handling
 - At runtime, hypermedia-driven
- A Hydra spec. won't replace a TD
 - No support for data type specification
 - Extensions needed (e.g. pub-sub operations)
 - Physical world entities vs. Web resources

Action Items

- Continue experimentations
 - Can a WoT script be executed by a Hydra agent?
 - Is Hydra exclusively bound to HTTP?
- Reach out to the Hydra community group