



# Testing

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21 June 2021

# Outline

- Draft TD Implementation Report
- Next Steps

# Draft TD Implementation Report

- PR and branch
  - <https://github.com/w3c/wot-thing-description/pull/1155>
  - <https://github.com/mmccool/wot-thing-description/tree/testing-test>
- Testing results from plugfest
  - <https://github.com/w3c/wot-testing/tree/main/events/2021.06.Online/TD>
  - Tooling updates
    - update.sh – generate test data from TDs
    - Assertion Tester Update

# Gaps

- Canonicalization (& Signing...)
- Action
  - @Type
- Additional Expected Responses and Success Default
- Default Language Direction Script
- Events
- Link Type
- Thing Models
- Security
  - bearer, oauth2, uri variables, body, proxy, psk, ...
- Data Schema extensions
  - minLength, multipleOf, pattern, ...

# Next Steps

- Gather more TD Test Data
  - Including confirming use of existing data
- Confirm Participant Testimonials
- Implementation Reorg
  - Uses of shared implementations need to be merged
  - At least node-wot and node-RED
  - Can be done with some directory reorg and renaming
- TM Test Data and Tooling
  - Gather TM test data
  - Update report generator, scripts to augment report
- Fill Gaps...

# Other Deliverables

- Discovery
  - Test cases from LinkSmart directory implementation in CSV form now
  - Still need to update report generation script to use them
  - Three aspects: Introductions, Directory, Self-Description
- Profile
  - TBD
- Architecture
  - Separate implementation report this time...
  - Mostly will point to other reports
  - Small number of manual assertions
  - Still need participant testimonials, etc.