



Discovery

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Outline

- Discovery Editor's Draft Review
 - What's New
- Open Issues
 - [2021-10 F2F Label](#)
 - [Propose Closing Label](#)
- Implementations

What's New

Editor's Draft Review

- Many minor editorial changes
- Updates to TD for TDD
- Resolutions to
 - Anonymous ids (although, see issues, Thing vs TD id)
 - Enriched TDs (embedded metadata)
 - Pagination
 - Event API

Open Issues

["2021-10 F2F" Label](#)

["Discuss" Label](#)

- Issue 224: Missing @type in TDs
- Issue 209: TD Framing
- Issue 208: Read-only Directories
- Issue 190: Is "id" for Thing or TD?
- Issue 156: JSONPath and XPath
- Issue 150: Define Problem Details error types

Stretch Goal Issues

["2021-10 F2F" Label](#)

["Stretch goal" Label](#)

- Issue 176: Event payload filtering
- Issue 164: Poll Hook (pull keepalive)
- Issue 111 and Issue 79: Geolocation query filters
 - Need more time to align with IEEE and OGC standards development
 - Need to keep specification flexible to track changes in these
 - Propose supporting geolocation using extensions for now

Propose Closing Issues

["2021-10 F2F" Label](#)

["Propose Closing" Label](#)

- Issue 197: Event type values
- Issue 178: Review comments from Ege
- Issue 100: JSONPath requirements
 - Feedback to IETF standards effort for JSONPath
- Issue 98: Information model for directory
- Issue 93: Using "JSON Lines" for large TDs
- Issue 56: JSONPath community outreach
- Issue 48: How to avoid duplicates in a directory

Implementation and Testing Gaps

- Elements that Need Testing
 - Introductions: DNS-SD, DID, CoRE RD
 - Explorations
 - Self-Description
 - Directory Service
- Directory Service
 - Largest part of the specification
 - Three separate [implementations](#) in progress
 - Now have two SPARQL implementations, two JSONPath, one XPath
 - But, if we have to make XPath the primary query type instead, we will need another XPath implementation
 - One of the implementations is only SPARQL, does not implement "primary" query type (currently JSONPath)