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
  - Need two implementations now of EVERY feature, even optional ones