rfc7807bis

Problem Details for HTTP APIs

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Status

- Issues: https://github.com/ietf-wg-httpapi/rfc7807bis/issues

  - Editorial / procedural updates (e.g., #1, #2, #3, #5)

  - Kept XML (#4)

  - Preliminary, non-normative JSON Schema in Appendix A (#8)

  - Confirmed/clarified use of URIs in type/instance (#11, #14)

Multiple Problems
Issue #6

- **Multiple instances of the same problem**

    - Seems like a best practice / problem design issue

    - Add examples and guidance?

- **Multiple problems of different types at the same time**

    - Potentially conflicts with design goals of 7807; can only be one HTTP status code

    - Creating 'multiple' problem type (or a whole new response) seems problematic (could dilute power of standards)

    - Recommend "choose one"?

Repository of common types
Issue #7

- Discussion led us to an IANA registry

- See PR #24

- Prefix for IANA-registered types?

  - https://iana.org/assignments/http-problem-types#

  - urn:ietf:params:http-problem:

Indication of URI resolvability
Issue #15

- Use case: tool support to make documentation easily discoverable

  - Could be a boolean flag ("yes, the type URI is resolvable)

  - Could be a separate field ("here's the docs")

- This can only be a hint; URL still may not be resolvable in real life

- Adding a new standard member is problematic as per 7807

- ???