rfc 7807bis
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
• ???