ALTO Incremental Updates Using Server-Sent Events (SSE)

draft-ietf-alto-incr-update-sse-05

W. Roome
Y. Richard Yang

IETF 98
March 31, 2017

Updates

- Quite stable after -03, with mostly minor fixes in -04.

- Main change from -04 to -05:

  - "An update message is either a full replacement or an incremental change. A full-replacement update uses the JSON message format defined by the ALTO protocol. There can be multiple incremental update mechanisms. The current design achieves incremental-update using JSON Merge Patch ([RFC7396]), to describe the changes to the resource. Future documents may define additional mechanisms such as JSON Patch. The ALTO Server decides when to send update messages, and whether to send full replacements or incremental updates. These decisions can vary from resource to resource and from update to update."

- Main issue to be addressed: go through the document to make it more "future-proof" of potential patching encoding extension, e.g.

  - Server: announce patching encoding in IRD? Client: indicate accept?