

HELD Dereference

[draft-ietf-geopriv-deref-protocol](#)

James Winterbottom, Hannes Tschofenig, Henning Schulzrinne, *Martin Thomson*, Martin Dawson

Status

- Updated to include section on access control
- Establishes scope for the document
 - No authentication scheme, but describes use of possession model
 - No system for establishing policy rules, but references one potential mechanism

Issue: HTTP GET requests

- Currently undefined behaviour
 - Could assume that a LIS provides an HTTP 405 (Method Not Allowed) error
- Previous decision to use https: scheme relied on recipient having context
 - Context identified the resource as a HELD one
 - Problem if URIs are received with no context
 - “Default” HTTP behaviour for a resource is GET
- Two concerns to address:
 - GET requests will not contain a request body
 - GET requests must be idempotent

Proposed Solution

- Idempotence is only a problem if providing a location URI, which is forbidden for dereference
- Describe how HELD works with GET in this document
- Describe a what HELD semantics are expected for a GET request
 - Might describe in terms of a “default” request
`<locationRequest/>`
 - ...or
`<locationRequest>
 <locationType>geodetic civic</locationType>
</locationRequest>`

Actions

- Update document
- Request WGLC afterwards