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IMAP OBJECTID Partial Implementation extension
draft-ietf-mailmaint-imap-objectid-partial-01

Abstract

This document extends the IMAP OBJECTID specification in RFC8474, which describes persistent identifiers for Mailboxes, Emails, and Threads in email.

Some servers may be unable to provide persistent identifiers for some data types, but be able to provide them for others. This extension allows a server to specify that it can provide some objectids, without needing to implement all data types.

Status of This Memo

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1. OBJECTID=MAILBOXID

If a server has the capability OBJECTID=MAILBOXID then it supports the objectids for mailboxes described in [OBJECTID] section 4.

2. OBJECTID=EMAILID

If a server has the capability OBJECTID=EMAILID then it supports the objectids for emails (and optionally threads) described in [OBJECTID] sections 5 and 6.

3. Supporting multiple datatypes

An implementation which supports both MAILBOXID and EMAILID SHOULD only issue the capability OBJECTID as defined in [OBJECTID]. Clients are recommended to check for both the specific or general capability when deciding what requests to send.

4. IANA considerations

IANA is asked to register the capabilities OBJECTID=MAILBOXID and OBJECTID=EMAILID with reference to this document.

5. Security considerations

This document does not introduce any security considerations beyond those described in [OBJECTID].

6. Acknowledgements

Daniel Eggert, Ken Murchison, Matt Diephouse, the bar at Melia Castilla in Madrid.

7. Normative References

[OBJECTID] Gondwana, B., Ed., "IMAP Extension for Object Identifiers", RFC 8474, DOI 10.17487/RFC8474, September 2018, <<https://www.rfc-editor.org/rfc/rfc8474>>.

Appendix A. Changes from Earlier Versions

[[This section to be removed by RFC Editor]]

Appendix B. draft-ietf-mailmaint-imap-objectid-partial-01

- * fixed =MAILBOX to =MAILBOXID, thanks Matt Diephouse for noticing

Appendix C. draft-ietf-mailmaint-imap-objectid-partial-00

- * renamed for adoption
- * removed the MUST around client behaviour; clients can choose not to use OBJECTID any time they want. There's no MUST here.
- * tidied up wording a bit (I may not have been 100% sober when I wrote the initial draft)

Appendix D. draft-gondwana-imap-objectid-partial-00

- * Initial version

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