IMAP4 QUOTA

draft-melnikov-extra-quota-00.txt
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History

- Dave Cridland and I used to have a document on QUOTA+ (draft-cridland-imap-quota-00.txt): more radical changes to RFC 2087

- This is a revision of a 12 years old draft which is much simpler/restrained in scope

Changes since RFC 2087

- All changes are **backward compatible with RFC 2087**

- Clarified existing quota resource types: STORAGE and MESSAGE are now clearly defined, not just given as hypothetical examples in the document

- Added another quota resource type: MAILBOX

- Make the server advertise supported quota resource types in the CAPABILITY response

- Added optional OVERQUOTA response code

- Added two extra STATUS data items ("DELETED-MESSAGES" and "DELETED-STORAGE")

Open Issues

- Allow GETQUOTAROOT with non existent mailbox names?

  - This can be used to query which quota root would apply before a mailbox is created.

- Require compliant servers to send untagged QUOTA responses for all side effect changes?

  - E.g. rounding of quota

- OVERQUOTA only currently defined to apply to the currently selected mailbox. What about the target mailbox of COPY/MOVE/APPEND?

- Should STATUS "DELETED-MESSAGES" and "DELETED-STORAGE" only be required to implement for servers that support MESSAGE/STORAGE quota resource types respectively?

Future work

- Resolve open issues

- IANA Considerations need more work: need a registry of quota resource types

- Who wants to co-edit?