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?