

# Synchronization Operations for Disconnected IMAP4 Clients rfc4549-bis

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# Background

- RFC 4549 published in June 2006
- Number of typical messages in a mailbox has increased
  - It is common to have INBOXes, from which no mail is ever deleted or moved to an Archive
  - Most users don't access messages beyond last week, unless doing searches for old discussions
  - Many clients can't display more than 10,000 messages. So for a 100,000 message mailbox, no point in fetching anything about the first 90,000 messages

**FETCH 1:\* (FLAGS)** is considered harmful

- Use smaller range, if information about some messages is going to be discarded anyway
- Also use CONDSTORE/QRESYNC extensions when available

# Next steps

- Review the current RFC, more things might be out of date
- Might want to do IMAP4rev1 and IMAP4rev2 variants?
- Write a draft