

Ruby master - Feature #13721

[PATCH] net/imap: dedupe attr keys in Net::IMAP::FetchData

07/06/2017 09:14 AM - normalperson (Eric Wong)

Status:	Assigned
Priority:	Normal
Assignee:	normalperson (Eric Wong)
Target version:	
Description	
Since attr hash keys are frequently reused, it makes sense to deduplicate them up front.	
This saves one allocation per-attr, per-message. When running <code>imap.fetch(1..-1, 'UID')</code> on a mailbox with 30000 messages; this saves 30000 allocations.	
This relies on the <code>String#-@</code> change in [Feature #13077]	
<ul style="list-style-type: none">• <code>net/imap</code>: use frozen, deduplicated string in attr name (key)	
Trivial (1-byte change :), I may commit in a few days if no response.	

History

#1 - 07/19/2017 09:53 PM - shugo (Shugo Maeda)

- Assignee set to shugo (Shugo Maeda)

- Status changed from Open to Assigned

#2 - 07/26/2017 07:51 AM - shugo (Shugo Maeda)

- Assignee changed from shugo (Shugo Maeda) to normalperson (Eric Wong)

normalperson (Eric Wong) wrote:

Since attr hash keys are frequently reused, it makes sense to deduplicate them up front.

This saves one allocation per-attr, per-message. When running `imap.fetch(1..-1, 'UID')` on a mailbox with 30000 messages; this saves 30000 allocations.

This relies on the `String#-@` change in [Feature #13077]

- `net/imap`: use frozen, deduplicated string in attr name (key)

Trivial (1-byte change :), I may commit in a few days if no response.

Sounds reasonable. Could you commit it on your own?

#3 - 07/27/2017 09:51 AM - normalperson (Eric Wong)

shugo@ruby-lang.org wrote:

Sounds reasonable. Could you commit it on your own?

Thanks. But maybe we can do it across-the-board with [Feature #13725] (which was reverted with [ruby-core:82102])

I haven't had time to fix #13725 (sorry, having trouble focusing on coding, lately).

Files

0001-net-imap-dedupe-attr-keys-in-Net-IMAP-FetchData.patch	1 KB	07/06/2017	normalperson (Eric Wong)
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