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New issue



# email: address list folding encodes list-separator comma #100884

Closed

#100885

Labels

topic-email

type-bug



t-8ch opened on Jan 9, 2023 · edited by bedevere-app

Edits ▾

Contributor



## Bug report

When during address list folding a separating comma ends up on a folded line containing that is to be unicode-encoded than the separator itself is also unicode encoded. Instead the comma should still a plain comma.

This is rejected by some mail servers:

```
ZZZ: host YYY said:  
550 Invalid address in message header. Consult RFC2822. (in reply to end of  
DATA command)
```



Minimal example:

```
>>> import email  
>>> m = email.message.EmailMessage()  
>>> t = '01234567890123456789012345678901234567890123456789012345678901@example.org, ä <foo@  
>>> m['to'] = t  
>>> m.as_string()  
'to: 01234567890123456789012345678901234567890123456789012345678901@example.org\n =?utf-8?q?='
```



## Your environment

- CPython versions tested on: 3.10.9, latest main ( [e47b139](#) )
- Operating system and architecture: ArchLinux x86\_64

### Linked PRs

- [GH-100884: email/\\_header\\_value\\_parser: don't encode list separators #100885](#)
- [\[3.12\] gh-100884: email/\\_header\\_value\\_parser: don't encode list separators \(GH-100885\) #115592](#)
- [\[3.11\] gh-100884: email/\\_header\\_value\\_parser: don't encode list separators \(GH-100885\) #115593](#)

**t-8ch** added **type-bug** on [Jan 9, 2023](#)

**t-8ch** added 2 commits that reference this issue on [Jan 9, 2023](#)

[pythonGH-100884](#): email/\_header\_value\_parser: use existing ListSeparat...

b1f41b8

[pythonGH-100884](#): email/\_header\_value\_parser: don't encode list separa...

98ab61d

**t-8ch** mentioned this on [Jan 9, 2023](#)

[GH-100884: email/\\_header\\_value\\_parser: don't encode list separators #100885](#)

**t-8ch** added a commit that references this issue on [Jan 9, 2023](#)

[pythonGH-100884](#): email/\_header\_value\_parser: don't encode list separa...

75a89ca

**mdboom** added **topic-email** on [Jan 9, 2023](#)

**mricon** added a commit that references this issue on [Jan 9, 2023](#)

tests: add another test for very long email address

26e7d3c

**serhiy-storchaka** closed this as **completed** in [#100885](#) on [Feb 17, 2024](#)

**serhiy-storchaka** added a commit that references this issue on [Feb 17, 2024](#)

[gh-100884](#): email/\_header\_value\_parser: don't encode list separators (!

09fab93

**miss-islington** added 2 commits that reference this issue on [Feb 17, 2024](#)

[pythongh-100884](#): email/\_header\_value\_parser: don't encode list separa...

5f617f2

[pythongh-100884](#): email/\_header\_value\_parser: don't encode list separa. ...

a2640a5

**bedevere-app** mentioned this in 2 pull requests [on Feb 17, 2024](#)

[\[3.12\] gh-100884: email/\\_header\\_value\\_parser: don't encode list separators \(GH-100885\) #115592](#)

[\[3.11\] gh-100884: email/\\_header\\_value\\_parser: don't encode list separators \(GH-100885\) #115593](#)

**serhiy-storchaka** added 2 commits that reference this issue [on Feb 17, 2024](#)

[3.12] [gh-100884](#): email/\_header\_value\_parser: don't encode list separ. ...

9148b77

[3.11] [gh-100884](#): email/\_header\_value\_parser: don't encode list separ. ...

70754d2

45 remaining items

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### Metadata

#### Assignees

No one assigned

#### Labels

**topic-email**

**type-bug**

#### Projects

No projects


#### Milestone

No milestone

#### Relationships

None yet

## Development

 **GH-100884: email/\_header\_value\_parser: don't encode list separators**  
python/cpython

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## Participants

