neo4j / neo4j

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Fails to load csv when multiline value ends with a newline (2.2.1)

New issue

Closed   **Wiles** opened this issue Apr 14, 2015 · 9 comments

Wiles commented Apr 14, 2015

With the following example the code fails when trying to load the second record.

```
LOAD CSV WITH HEADERS FROM
'https://gist.githubusercontent.com/Wiles/4e8b511be7ec9c99bffa/raw/aa289bb63c4f5ee1274071876dc
3da22f3016897/gistfile1.txt' as line CREATE (n:Entry {a:line.a, b:line.b})
```

Removing the trailing newline and it executes fine.

```
LOAD CSV WITH HEADERS FROM
'https://gist.githubusercontent.com/Wiles/032f6d1556595edd5c73/raw/3dac026a9f9490284bcd11b9b0c
3f118de62744b/gistfile1.txt' as line CREATE (n:Entry {a:line.a, b:line.b})
```

Labels

None yet

Milestone

No milestone

Assignee

No one assigned

6 participants

timmytofu commented Apr 15, 2015

Whoops, I should've looked at the existing issues more carefully. It looks like **@Wiles** and I hit upon the same issue from different directions (neo4j#4439).

So, the problem is apparently any time a line in the CSV begins with a quote but is a continuation of the record from the previous line(s).

cleishm referenced this issue Apr 15, 2015

Multiline fields with a line starting with an escaped quote break CSV importer #4439   **Closed**

cleishm commented Apr 15, 2015   Owner

Thanks for the report! We'll try to resolve that asap.

tinwelint commented Apr 21, 2015   Collaborator

This has been fixed by `4f45b59`

tinwelint closed this Apr 21, 2015

timmytofu commented Apr 21, 2015

Great - any chance there will be a 2.2 maintenance release, or will this only be in 2.3?

tinwelint commented Apr 21, 2015   Collaborator

It will be included in 2.2.2 when that comes out as well, but I can't tell when that will be.

timmytofu referenced this issue Apr 26, 2015

Better ordering in generated dumps #4437   **Closed**

ernestoe commented Jul 24, 2015

Both this #4434 and #4439 are failing again.

ernestoe referenced this issue Jul 24, 2015

Multiline fields breaking csv loader #5028

tinwelint commented Jul 28, 2015   Collaborator

The test case that was added as part of the fix is still there and is working. You will need to provide an additional test case proving that this isn't working anymore. Which version are you testing this with?

lfdsr commented Jul 28, 2015

Hello tinwelint,

same here:
LOAD CSV WITH HEADERS FROM 'http://192.168.1.10/Mycsvfile.csv' AS csv
MERGE (:Example {ex_id: csv.EX_ID, titel: csv.Titel})

Error:
At http://192.168.1.10/Mycsvfile.csv:4 - Multi-line fields are illegal in this context and so this might suggest that there's a field with a start quote, but a missing end quote.

My version is 2.2.3 for linux (debian 8.1)
The error doesn't occur in windows (version 2.2.3)

THANKS!
IFDSR

ernestoe commented Jul 28, 2015

I didn't provide a new example as this one #4434 here proves to be failing. I'm running Community Edition version 2.2.3 in MacOS . This is a non-destructive example

```
LOAD CSV WITH HEADERS FROM 'https://gist.githubusercontent.com/Wiles/4e8b511be7ec9c99bffa/
RETURN count(*)
```

gives

```
At https://gist.githubusercontent.com/Wiles/4e8b511be7ec9c99bffa/raw/aa289bb63c4f5ee127407
```

I created a new issue #5028 for this.

What is key here is the input file. It has multi-lines in the text fields.