Ruby - Bug #10364

Malformed CSV Header Causes NoMethodError

10/10/2014 03:53 PM - jisraelson (Jon Israelson)

Status:	Rejected		
Priority:	Normal		
Assignee:	kou (Kouhei Sutou)		
Target version:			
ruby -v:	ruby 2.1.3p242 (2014-09-19 revision 47630) [x86_64-darwin13.0]	**Backport:**	2.0.0: UNKNOWN, 2.1: UNKNOWN

Description

The method CSV#readline raises a "NoMethodError: undefined method 'encode' for nil:NilClass" exception when the CSV file's header row contains a trailing delimiter (a comma in my case). The following CSV data can be used to recreate this error:

```
col1,col2,
1,2
3,4
```

The resulting stack trace:

```
csv.rb:993:in `block in <class:CSV>'
csv.rb:2175:in `[]'
csv.rb:2175:in `block (2 levels) in convert_fields'
csv.rb:2173:in `each'
csv.rb:2173:in `block in convert_fields'
csv.rb:2172:in `map'
csv.rb:2172:in `with_index'
csv.rb:2172:in `convert_fields'
csv.rb:2213:in `parse_headers'
csv.rb:1887:in `block in shift'
csv.rb:1779:in `loop'
csv.rb:1779:in `shift'
```

Assuming that the header row is considered malformed (IMHO it is), it seems that it would be better to raise a CSV::MalformedCSVError exception, which can be more easily handled.

History

#1 - 10/13/2014 07:41 AM - hsbt (Hiroshi SHIBATA)

- Status changed from Open to Assigned

- Assignee set to JEG2 (James Gray)

#2 - 11/30/2014 06:56 AM - jrodrigosm (Rodrigo Serrano)

This issue is also present in ruby 2.1.5p273 (2014-11-13 revision 48405) [x86_64-linux]

#3 - 03/08/2018 07:33 AM - mame (Yusuke Endoh)

- Assignee changed from JEG2 (James Gray) to kou (Kouhei Sutou)

@kou (Kouhei Sutou), could you check this ticket?

#4 - 03/31/2018 02:26 PM - kou (Kouhei Sutou)

- Status changed from Assigned to Rejected

It seems that this has been fixed in master.
If someone knows a script that reproduces this case, you can attach the script and reopen this.