Ruby master - Bug #7528

CSV.== fails to check object type

12/07/2012 12:04 AM - SteveW (Stephen Wattam)

Status: Closed
Priority: Normal
Assignee: JEG2 (James Gray)
Target version: 2.0.0
ruby -v: ruby 1.9.3p327 (2012-11-10 revision 37606) [x86_64-linux]

Description

CSV::Row's equality method presumes it is comparing another CSV::Row. It fails when the object to be compared doesn't support the 'row' method:

```
/usr/lib/ruby/1.9.1/csv.rb:478:in ==': undefined methodrow' for nil:NilClass (NoMethodError)
from test.rb:7:in `'
```

Associated revisions

Revision 5b1065f3 - 12/07/2012 05:42 PM - JEG2 (James Gray)
- lib/csv.rb: A fix for row comparison by Stephen Wattam. [Bug #7528]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38265 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 38265 - 12/07/2012 05:42 PM - JEG2 (James Gray)
- lib/csv.rb: A fix for row comparison by Stephen Wattam. [Bug #7528]

Revision 38265 - 12/07/2012 05:42 PM - JEG2 (James Gray)
- lib/csv.rb: A fix for row comparison by Stephen Wattam. [Bug #7528]

Revision 38265 - 12/07/2012 05:42 PM - JEG2 (James Gray)
- lib/csv.rb: A fix for row comparison by Stephen Wattam. [Bug #7528]

Revision 38265 - 12/07/2012 05:42 PM - JEG2 (James Gray)
- lib/csv.rb: A fix for row comparison by Stephen Wattam. [Bug #7528]

Revision 38265 - 12/07/2012 05:42 PM - JEG2 (James Gray)
- lib/csv.rb: A fix for row comparison by Stephen Wattam. [Bug #7528]

Revision 38265 - 12/07/2012 05:42 PM - JEG2 (James Gray)
- lib/csv.rb: A fix for row comparison by Stephen Wattam. [Bug #7528]

Revision 38265 - 12/07/2012 05:42 PM - JEG2 (James Gray)
- lib/csv.rb: A fix for row comparison by Stephen Wattam. [Bug #7528]

Revision 38265 - 12/07/2012 05:42 PM - JEG2 (James Gray)
- lib/csv.rb: A fix for row comparison by Stephen Wattam. [Bug #7528]

Revision 38265 - 12/07/2012 05:42 PM - JEG2 (James Gray)
- lib/csv.rb: A fix for row comparison by Stephen Wattam. [Bug #7528]

History

#1 - 12/07/2012 08:56 PM - SteveW (Stephen Wattam)

This seems to fix it:

```
478c478,479
<     @row == other.row
---
>     return @row == other.row if other.class == CSV::Row
>     @row == other
```
It would probably be better to perform an is_a? check rather than checking the class of the other object.

I concur. Patch attached for easy application.

It’s probably worth noting that the current, unpatched, behaviour seems to break foreach too.

This issue was solved with changeset r38265.
Stephen, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

- lib/csv.rb: A fix for row comparison by Stephen Wattam. [Bug #7528]

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>test.rb</td>
<td>256 Bytes</td>
<td>12/07/2012</td>
<td>SteveW (Stephen Wattam)</td>
</tr>
<tr>
<td>csv.rb.patch</td>
<td>121 Bytes</td>
<td>12/07/2012</td>
<td>SteveW (Stephen Wattam)</td>
</tr>
</tbody>
</table>