

Redmine - Feature #11301

Add "byte order mark" to the export CSV file

2012-07-02 11:02 - Alexey Korchuganov

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	118n	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Resolution:</b>			
<b>Description</b>			
<p>I would like to suggest adding a possibility of inserting "byte order mark" to the export CSV file. These bytes make life of windows users slightly easier, because the most of Windows* programs do not use UTF-8 as default charset for text files, so they cannot parse UTF-8 file correctly if use non english text. And users have to choose encoding manually.</p> <p>I would not like to suggest hard coding, because there are some limitations, several are described here: <a href="http://en.wikipedia.org/wiki/UTF-8#Byte_order_mark">http://en.wikipedia.org/wiki/UTF-8#Byte_order_mark</a></p> <p>I think, the right way is: to add an option which will control of inserting these bytes</p> <p>following example of hard coding for my installation based on changeset: 9852:4e40d59645ea tag: tip user: jplang date: Wed Jun 20 19:24:58 2012 +0000</p> <p>diff:</p> <pre>--- a/app/helpers/issues_helper.rb    Tue Jun 19 02:11:16 2012 0000 +++ b/app/helpers/issues_helper.rb    Mon Jul 02 12:53:55 2012 +0400 @ -322,7 +322,7 @</pre> <pre>export = FCSV.generate(:col_sep =&gt; l(:general_csv_separator)) do  csv    # csv header fields   -   csv &lt;&lt; [ "##" ] + columns.collect { c  Redmine::CodesetUtil.from_utf8(c.caption.to_s, encoding) }   csv &lt;&lt; [[ 0xEF, 0xBB, 0xBF, 35 ].pack("c*") ] + columns.collect { c  Redmine::CodesetUtil.from_utf8(c.caption.to_s, encoding) } +     (options[:description] ? [Redmine::CodesetUtil.from_utf8(l(:field_description), encoding) ] : [])</pre> <p>Thank you Alexey</p>			
<b>Related issues:</b>			
Is duplicate of Redmine - Feature #7037: CSV export encoding and excel. UTF-8...		Closed	2010-12-03

History

#1 - 2012-07-02 11:07 - Alexey Korchuganov

diff was wrapped to the pre tags

```
diff -r 5f01bbee74d7 app/helpers/issues_helper.rb
--- a/app/helpers/issues_helper.rb    Tue Jun 19 02:11:16 2012 +0000
+++ b/app/helpers/issues_helper.rb    Mon Jul 02 12:53:55 2012 +0400
@@ -322,7 +322,7 @@

    export = FCSV.generate(:col_sep => l(:general_csv_separator)) do |csv|
      # csv header fields
      -   csv << [ "##" ] + columns.collect {|c| Redmine::CodesetUtil.from_utf8(c.caption.to_s, encoding) } +
      +   csv << [[ 0xEF, 0xBB, 0xBF, 35 ].pack("c*") ] + columns.collect {|c| Redmine::CodesetUtil.from_utf8(c.caption.to_s, encoding) } +
        (options[:description] ? [Redmine::CodesetUtil.from_utf8(l(:field_description), encoding) ] : [])
```

#2 - 2015-08-16 13:56 - Go MAEDA

- Status changed from New to Closed

Duplicate of [#7037](#) and implemented in Redmine 3.1.0.

**#3 - 2015-08-16 13:57 - Go MAEDA**

- Is duplicate of Feature #7037: CSV export encoding and excel. UTF-8 and BOM added