Redmine - Patch #25861

CSV Importer - handle UndefinedConversionErrors

2017-05-16 11:07 - Jens Krämer

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	Jean-Philippe Lang		**% Done:**	0%
Category:	Importers		**Estimated time:**	0.00 hour
Target version:	3.2.7			

Description
The CSV import already handles a couple of Exceptions that may happen when the user-selected encoding does not match the real encoding of the CSV (or it contains otherwise illegal byte sequences). We recently encountered Encoding::UndefinedConversionError, which is not yet caught by that error handling. The attached patches add a test case and a fix for that.

Associated revisions

Revision 16572 - 2017-05-27 10:40 - Jean-Philippe Lang

Rescue any EncodingError exceptions (#25861).

Revision 16617 - 2017-06-06 22:56 - Jean-Philippe Lang

Merged r16572 (#25861).

Revision 16618 - 2017-06-06 22:56 - Jean-Philippe Lang

Merged r16572 (#25861).

History

#1 - 2017-05-16 11:50 - Go MAEDA

- Target version set to 3.2.7

We can reproduce the problem with the test in 0001-adds-failing-test-case-for-import-with-wrong-encodin.patch. Setting target version to 3.2.7.

By the way, the encoding of the file invalid-Shift_JIS.csv is valid CP932. Shift_JIS and CP932 are almost identical, but CP932 includes more characters.

```
$ iconv -f cp932 -t utf8 test/fixtures/files/invalid-Shift_JIS.csv
```

#2 - 2017-05-27 09:51 - Jean-Philippe Lang

- Status changed from New to Needs feedback

Go MAEDA wrote:

> We can reproduce the problem with the test in 0001-adds-failing-test-case-for-import-with-wrong-encodin.patch. Setting target version to 3.2.7.

The test passes for me with ruby 2.0 (I would get a Encoding::InvalidByteSequenceError). Maybe we could simply rescue EncodingError which is the base class for encoding errors?

#3 - 2017-05-27 09:58 - Go MAEDA

Jean-Philippe Lang wrote:

> Maybe we could simply rescue EncodingError which is the base class for encoding errors?

I agree, caching EncodingError is better. We can simplify the code and catch all errors caused by iconv.

#4 - 2017-05-27 10:41 - Jean-Philippe Lang

- Status changed from Needs feedback to Resolved

- Assignee set to Jean-Philippe Lang

#5 - 2017-06-06 22:56 - Jean-Philippe Lang

- Status changed from Resolved to Closed

Files

0001-adds-failing-test-case-for-import-with-wrong-encodin.patch	1.69 KB	2017-05-16	Jens Krämer
0002-adds-rescue-from-Encoding-UndefinedConversionError.patch	1.05 KB	2017-05-16	Jens Krämer