Redmine - Defect #18201

Internal server error (500): invalid byte sequence in UTF-8

2014-10-27 09:56 - Björn Peemöller

Status:	New		**Start date:**	
Priority:	Low		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				
Resolution:			**Affected version:**	2.6.0

Description

Hi, tonight my local Redmine instance (2.6.0) was visited by YandexBot with an invalid URL:

```
/login?%BB%A1%20%AA%13%BD%F4%06r
```

For this input Redmine returned the following error message:

```
ArgumentError: invalid byte sequence in UTF-8
```

The reason seems to be an invalid UTF-8 encoding which Rails can not decode successfully. After short googling, I successfully added a gem which tries to sanitize such URLs by replacing invalid bytes (https://github.com/sunny/handle_invalid_percent_encoding_requests, based on discussion http://stackoverflow.com/questions/24648206/ruby-on-rails-invalid-byte-sequence-in-utf-8-due-to-bot), and it works for the above link.

Maybe there is even a better solution, but I think it would be favourable to make Redmine more robust either way.

Regards,
Björn

History

#1 - 2014-11-04 19:01 - Jean-Philippe Lang

The problem was discussed here: https://github.com/rack/rack/issues/673 and closed as a Rails bug by the rack team.
Same behaviour with trunk and Rails 4.1 but I'm not really in favor of adding this gem to Redmine.

#2 - 2014-11-05 10:10 - Björn Peemöller

I can understand that because this gem is really just a workaround. I manually added this gem for my installation, so I'm fine. Hopefully this issue will be fixed in Rails 4.2 some day.