

## ChiliProject - Bug # 591: ArgumentError (invalid byte sequence in US-ASCII)

<b>Status:</b>	Closed	<b>Priority:</b>	Normal
<b>Author:</b>	Jeff Schoolcraft	<b>Category:</b>	
<b>Created:</b>	2011-08-24	<b>Assignee:</b>	Holger Just
<b>Updated:</b>	2011-10-29	<b>Due date:</b>	
<b>Remote issue URL:</b>			
<b>Affected version:</b>	master		
<b>Description:</b>	<pre>==&gt; log/access.log &lt;== 108.28.118.178 - - [24/Aug/2011:08:10:33 -0400] "GET /users/new HTTP/1.1" 500 1312 "http://cp.thequeue.net/users" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_6_8) AppleWebKit/535.1 (KHTML, like Gecko) Chrome/14.0.831.0 Safari/535.1"  ==&gt; log/production.log &lt;==  Processing UsersController#new (for 108.28.118.178 at 2011-08-24 08:10:33) [GET]   Parameters: {"controller"=&gt;"users", "action"=&gt;"new"} Rendering template within layouts/admin Rendering users/new Completed in 45ms (View: 41, DB: 1)   200 OK [http://cp.thequeue.net/users/new]  Processing ApplicationController#new (for 108.28.118.178 at 2011-08-24 08:10:33) [GET]   Parameters: {"controller"=&gt;"users", "action"=&gt;"new"}  ArgumentError (invalid byte sequence in US-ASCII): &lt;internal:prelude&gt;:10:in `synchronize'  /usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/rack/request_handler.rb:96 :in `process_request'  /usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_request_handler. rb:513:in `accept_and_process_next_request'  /usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_request_handler. rb:274:in `main_loop'  /usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/classic_rails/application_s pawner.rb:321:in `start_request_handler'  /usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/classic_rails/application_s pawner.rb:275:in `block in handle_spawn_application'   /usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/utils.rb:479:in `safe_fork'  /usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/classic_rails/application_s pawner.rb:270:in `handle_spawn_application'   /usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:357:in `server_main_loop'   /usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:206:in `start_synchronously'   /usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:180:in `start'</pre>		

```
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/classic_rails/application_s
pawner.rb:149:in `start'

/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:219:in
`block (2 levels) in spawn_rails_application'

/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server_collection
.rb:132:in `lookup_or_add'

/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:214:in
`block in spawn_rails_application'

/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server_collection
.rb:82:in `block in synchronize'
<internal:prelude>:10:in `synchronize'

/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server_collection
.rb:79:in `synchronize'

/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:213:in
`spawn_rails_application'

/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:132:in
`spawn_application'

/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:275:in
`handle_spawn_application'
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:357:in
`server_main_loop'
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:206:in
`start_synchronously'
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/helper-scripts/passenger-spawn-server:99:in
`<main>'
```

Rendering /var/www/apps/chiliproject/releases/20110824113807/public/500.html (500 Internal Server Error)

## Associated revisions

2011-10-29 09:22 pm - Holger Just

[#591] Merge branch 'issues/master/591-ruby-19-compatibility' from 'meineerde'

## History

2011-08-24 12:44 pm - Jeff Schoolcraft

Also getting on:

@users/add@

@users/edit@

@issue/show@ after @issue/update@

<pre>

Processing ApplicationController#show (for 108.28.118.178 at 2011-08-24 08:41:40) [GET]

Parameters: {"controller"=>"issues", "action"=>"show", "id"=>"649"}

ArgumentError (invalid byte sequence in US-ASCII):

```
<internal:prelude>:10:in `synchronize'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/rack/request_handler.rb:96:in `process_request'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_request_handler.rb:513:in  
`accept_and_process_next_request'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_request_handler.rb:274:in `main_loop'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/classic_rails/application_spawner.rb:321:in  
`start_request_handler'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/classic_rails/application_spawner.rb:275:in `block in  
handle_spawn_application'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/utils.rb:479:in `safe_fork'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/classic_rails/application_spawner.rb:270:in  
`handle_spawn_application'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:357:in `server_main_loop'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:206:in `start_synchronously'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:180:in `start'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/classic_rails/application_spawner.rb:149:in `start'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:219:in `block (2 levels) in  
spawn_rails_application'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server_collection.rb:132:in `lookup_or_add'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:214:in `block in spawn_rails_application'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server_collection.rb:82:in `block in synchronize'  
<internal:prelude>:10:in `synchronize'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server_collection.rb:79:in `synchronize'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:213:in `spawn_rails_application'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:132:in `spawn_application'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/spawn_manager.rb:275:in `handle_spawn_application'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:357:in `server_main_loop'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/lib/phusion_passenger/abstract_server.rb:206:in `start_synchronously'  
/usr/local/rvm/gems/ruby-1.9.2-p290/gems/passenger-3.0.8/helper-scripts/passenger-spawn-server:99:in `<main>'  
</pre>
```

**2011-08-24 12:57 pm - Jeff Schoolcraft**

I've seen comments on stack overflow about it being an improperly set environment variable, but the only one I have (I think) that deals with encoding is:

```
<pre>  
jschoolcraft@base:~$ export | grep en_US  
declare -x LANG="en_US.UTF-8"  
</pre>
```

I've also tried forcing the encoding in application controller as mentioned in the bottom of <http://stackoverflow.com/questions/3597255/why-does-my-sproutcore-development-server-drop-connections-with-invalid-byte-seq/3598303#3598303> to no avail.

**2011-08-24 09:49 pm - Toshi MARUYAMA**

FYI:  
\* <http://www.redmine.org/issues/4050>  
\* <http://www.redmine.org/projects/redmine/repository/revisions/6461>

**2011-10-29 12:58 pm - Holger Just**

- Target version set to 2.4.0

- Assignee set to Holger Just

I just send a pull request at <https://github.com/chiliproject/chiliproject/pull/116> which should make us as compatible as currently possible with Ruby 1.9. It would be great if someone could have a look at it prior to merging. I confident it works, but another look couldn't hurt...

The patch set defaults internal and external encoding to UTF-8 when using Ruby 1.9.

It also adds an additional rake task ``code:source-encoding`` to set a magic comment on all ruby files to set the source encoding also to UTF-8. Without this magic comment, Ruby assumes US-ASCII encoding which clashes with UTF-8 string retrieved from the outside when performing certain string operations like concatenation or formatting.

This patch set should tremendously improve our Ruby 1.9 compatibility. The only issues I could still observe where concerned with some app servers / rack / rails where there still seemed to be a clash with string encodings. This is something we could only fix with using a newer Rack and Rails however...

**2011-10-29 07:25 pm - Holger Just**

- Status changed from Open to Closed

Okay, I pushed the changes in commit:667c4d1. If there are still issues with 1.9 compatibility, please create a new issue.