## Ruby master - Bug #975

ruby curses extension does not support multibyte characters

**01/04/2009 03:18 AM - hramrach (Michal Suchanek)**

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td>1.9.1 RC2</td>
</tr>
<tr>
<td>ruby -v:</td>
<td>Backport:</td>
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</tbody>
</table>

### Description

```ruby
ncurses supplies a ncursesw library that works as drop-in replacement for the ncurses with added multibyte character support. Just updating the library test enables printing UTF-8 for me.

test (run with ruby -KU) in utf-8 locale:
```

```ruby
require 'curses'

test_string = "あ"

Curses.init_screen

Curses.addstr test_string

Curses.refresh

Curses.getch

Curses.close_screen

STDOUT.puts test_string
```

### History

**#1 - 01/04/2009 03:23 AM - matz (Yukihiro Matsumoto)**

```ruby
In message "Re: [ruby-core:21094] [Bug #975] ruby curses extension does not support multibyte characters"

As far as I know, ncursesw is NOT a drop-in replacement. It has whole new API around cchar_t, wchar_t and wint_t, e.g. wadd_wch in place of waddch. Am I missing something?

matz.
```

**#2 - 01/04/2009 04:56 AM - hramrach (Michal Suchanek)**

```ruby
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matz.
```

On 03/01/2009, Yukihiro Matsumoto matz@ruby-lang.org wrote:

```
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matz.
```
new API around cchar_t, wchar_t and wint_t, e.g. wadd_wch in place of waddch. Am I missing something?

Yes.

You do not need to use that additional wide character API to get utf-8 characters printed on the screen.

Thanks

Michal

#3 - 01/14/2009 04:27 PM - matz (Yukihiro Matsumoto)
- Status changed from Open to Closed
- % Done changed from 0 to 100

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
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<tbody>
<tr>
<td>cursesw.patch</td>
<td>864</td>
<td>01/04/2009</td>
<td>hramrach (Michal Suchanek)</td>
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