

## Ruby - Bug #4854

### Invalid locale\_charmap (CP0) when running as Windows Service

06/08/2011 04:38 PM - rafal.bigaj (Rafal Bigaj)

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Target version:</b>	2.0.0	
<b>ruby -v:</b>	ruby 1.9.2p136	
<b>Description</b>		<b>Backport:</b>
<p>When ruby process is run as Windows Service the console codepage is not set, GetConsoleCP returns 0. As a result function rb_locale_charmap refers to not existing codepage: CP0. It has a dramatic performance drawback on the system when for ex. enumerating through ENV. The attached patch simple checks if the GetConsoleCP() returns 0 and if so uses the actual system codepage.</p>		

#### Associated revisions

Revision c479bde4 - 06/10/2011 07:42 AM - naruse (Yui NARUSE)

- encoding.c (rb\_locale\_charmap): When ruby process is run as Windows Service the console codepage is not set, GetConsoleCP returns 0.  
So on such environment, use GetACP().  
<http://blogs.msdn.com/b/michkap/archive/2005/02/08/369197.aspx>  
patched by Rafal Bigaj [ruby-core:36832] [Bug #4854]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@31985 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

#### History

#1 - 06/10/2011 04:42 PM - naruse (Yui NARUSE)

- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r31985.  
Rafal, thank you for reporting this issue.  
Your contribution to Ruby is greatly appreciated.  
May Ruby be with you.

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#### Files

encoding.codepage.patch	531 Bytes	06/08/2011	rafal.bigaj (Rafal Bigaj)
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