Ruby master - Bug #4854
Invalid locale_charmap (CP0) when running as Windows Service
06/08/2011 04:38 PM - rafal.bigaj (Rafal Bigaj)

<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>2.0.0</td>
</tr>
<tr>
<td>ruby -v:</td>
<td>ruby 1.9.2p136</td>
</tr>
</tbody>
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Description
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.

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(). [ruby-core:36832] [Bug #4854]

Revision 31985 - 06/10/2011 07:42 AM - naruse (Yui NARUSE)
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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@31985 b2dd03c8-39d4-4d8f-98ff-823fe69b080e
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.

- 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(). [ruby-core:36832] [Bug #4854]

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
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<tbody>
<tr>
<td>encoding.codepage.patch</td>
<td>531 Bytes</td>
<td>06/08/2011</td>
<td>rafal.bigaj (Rafal Bigaj)</td>
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