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>
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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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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(). [http://blogs.msdn.com/b/michkap/archive/2005/02/08/369197.aspx](http://blogs.msdn.com/b/michkap/archive/2005/02/08/369197.aspx) patched by Rafal Bigaj [ruby-core:36832] [Bug #4854]

<table>
<thead>
<tr>
<th>Files</th>
<th>Size</th>
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<th>Author</th>
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<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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