

## Ruby - Bug #15993

### 'require' doesn't work if there are Cyrillic chars in the path to Ruby dir

07/10/2019 07:41 PM - inversion (Yura Babak)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                         |                                             |
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| <b>Status:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Open                                                    |                                             |
| <b>Priority:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Normal                                                  |                                             |
| <b>Assignee:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                         |                                             |
| <b>Target version:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                         |                                             |
| <b>ruby -v:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3.0.1p64 (2021-04-05 revision 0fb782ee38) [x64-mingw32] | <b>Backport:</b> 2.5: UNKNOWN, 2.6: UNKNOWN |
| <b>Description</b> <p>I'm trying to build a cross-platform portable application with Ruby onboard and there is a problem on Windows. A user usually installs it to the Roaming folder which sits inside a user folder which can often have not a Latin name or contain spaces). When there is a Cyrillic character (maybe just not Latin) in the path — require of any gem doesn't work:</p> <pre>D:\users\киї\Ruby\2.6\bin&gt;ruby -v ruby 2.6.3p62 (2019-04-16 revision 67580) [x64-mingw32]  D:\users\киї\Ruby\2.6\bin&gt;ruby -e "require 'logger'" Traceback (most recent call last):   1: from &lt;internal:gem_prelude&gt;:2:in `&lt;internal:gem_prelude&gt;' &lt;internal:gem_prelude&gt;:2:in `require': No such file or directory -- D:/users/PePëC-/Ruby/2.6/lib/ruby/2.6.0/rubygems.rb (LoadError)  D:\users\киї\Ruby\2.6\bin&gt;ruby --disable=rubyopt -e "require 'logger'" Traceback (most recent call last):   1: from &lt;internal:gem_prelude&gt;:2:in `&lt;internal:gem_prelude&gt;' &lt;internal:gem_prelude&gt;:2:in `require': No such file or directory -- D:/users/PePëC-/Ruby/2.6/lib/ruby/2.6.0/rubygems.rb (LoadError)  D:\users\киї\Ruby\2.6\bin&gt;gem list Traceback (most recent call last):   1: from &lt;internal:gem_prelude&gt;:2:in `&lt;internal:gem_prelude&gt;' &lt;internal:gem_prelude&gt;:2:in `require': No such file or directory -- D:/users/PePëC-/Ruby/2.6/lib/ruby/2.6.0/rubygems.rb (LoadError)</pre> <p>We can see such encoding transformations in the output:</p> <pre>киї (utf-8) == PePëC- (win1251)</pre> <p>I have an old Ruby installation that works fine:</p> <pre>D:\users\киї\Ruby\2.0\bin&gt;ruby -e "require 'logger'"  D:\users\киї\Ruby\2.0\bin&gt;ruby -v ruby 2.0.0p451 (2014-02-24) [i386-mingw32]</pre> <p>The same is for ruby 2.0.0p643 (2015-02-25) [i386-mingw32] .</p> <p>I also checked that require fails in the same case for ruby 2.1.9p490 (2016-03-30 revision 54437) [i386-mingw32]</p> |                                                         |                                             |
| <b>Related issues:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                         |                                             |
| Related to Ruby - Bug #15655: Unable to handle Russian dirname on Windows                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                         | <b>Closed</b>                               |

#### History

##### #1 - 07/12/2019 10:15 AM - inversion (Yura Babak)

Looks like there is an **ugly workaround**.

1. Ensure to do chcp 1251 in the current console session.
2. Run Ruby with an option --disable=gems so it will not fail initially.

3. Add next code at the very beginning of a script:

```
if $:[0].encoding.name == 'Windows-1251'
  $:.each {|path| path.encode! 'UTF-8' }
  $:.push '.' # somehow it helps, looks like a modification of array is needed
  require 'rubygems'
end
```

This helped me to overcome the problem and run my script from a folder with Cyrillic and spaces in the path.

But it definitely should be fixed.

## #2 - 07/31/2019 04:21 AM - duerst (Martin Dürst)

[@ko1 \(Koichi Sasada\)](#): I can check whether this bug is reproducible. But I'm not too familiar with how Ruby deals with the Windows file system. So I'm not confident I will be able to find and fix this bug.

## #3 - 08/01/2019 02:06 PM - MSP-Greg (Greg L)

On a US Windows system, I used a base Ruby folder of C:\Greg\Ruby киї (using a space and Cyrillic characters), and I could repro the issue.

Without any console chcp command, I did the following, which also solved the issue:

```
# start ruby with --disable=gems
$:.map! { |path| path.dup.force_encoding 'UTF-8' }
require 'rubygems'

require 'openssl'
puts OpenSSL::VERSION
```

I don't think spaces in Windows paths is an issue anymore, but I haven't rigorously checked...

## #4 - 08/01/2019 08:25 PM - MSP-Greg (Greg L)

While taking a break, looked at this again. Below is the encoding of various items:

```
$LOAD_PATH
ASCII-8BIT      C:/Greg/Ruby киї/lib/ruby/site_ruby/2.7.0
ASCII-8BIT      C:/Greg/Ruby киї/lib/ruby/site_ruby/2.7.0/x64-msvcrt
ASCII-8BIT      C:/Greg/Ruby киї/lib/ruby/site_ruby
ASCII-8BIT      C:/Greg/Ruby киї/lib/ruby/vendor_ruby/2.7.0
ASCII-8BIT      C:/Greg/Ruby киї/lib/ruby/vendor_ruby/2.7.0/x64-msvcrt
ASCII-8BIT      C:/Greg/Ruby киї/lib/ruby/vendor_ruby
ASCII-8BIT      C:/Greg/Ruby киї/lib/ruby/2.7.0
ASCII-8BIT      C:/Greg/Ruby киї/lib/ruby/2.7.0/x64-mingw32

IBM437          __FILE__
IBM437          __dir__
UTF-8           Dir.pwd
```

The encoding wasn't affected by using -E in RUBYOPT.

Tested using today's trunk.

## #5 - 08/28/2020 10:47 PM - jeremyevans0 (Jeremy Evans)

- Related to Bug #15655: Unable to handle Russian dirname on Windows added

## #6 - 09/29/2020 02:04 PM - tschoening (Thorsten Schöning)

I think I have a similar problem originally reported at GitHub already:

<https://github.com/rubygems/rubygems/issues/3853>

I have a Ruby-based shell application which needs to require a library during startup. I'm using the following command line:

```
"..\ruby\bin\ruby.exe" "-I../runtime/lib" "../visualizer/bin/ksv" "--require=de/[...]/par_opp_dispatcher.rb"
"--opaque-types=true" "../files_to_show/recs_clt.bin" "de/[...]/par_rec_s_clt.rb"
```

This results in the following error, while the first line describes the current directory I'm in. It contains some German umlaut ü. Using an ASCII-only path, things work as expected.

```
C:\[...]\Müller electronic\[...]\ks_ruby_visualizer>show.cmd
Traceback (most recent call last):
  1: from <internal:gem_prelude>:2:in `<internal:gem_prelude>'
```

```
<internal:gem_prelude>:2:in `require': No such file or directory --
C:/[...]/Müller electronic/[...]/rubygems.rb (LoadError)
```

The problem seems to be that at some point Ruby really seems to forward UTF-8 encoded bytes into the file system and such a path simply doesn't exist. The interesting thing is that many times before the path is forwarded correctly according to the following ProcMon-log:

```
18:57:48,7938985 ruby.exe 15296 CreateFile C:\[...]\Müller electronic\[...]\r
ubygems.rb SUCCESS Desired Access: Read Attributes, Disposition: Open, Options: Open Reparse Point, Attributes
: n/a, ShareMode: Read, Write, Delete, AllocationSize: n/a, OpenResult: Opened
18:57:48,7940217 ruby.exe 15296 QueryBasicInformationFile C:\[...]\Müller electronic\[...]\r
ubygems.rb SUCCESS CreationTime: 24.07.2020 14:48:44, LastAccessTime: 24.07.2020 14:48:44, LastWriteTime: 01.1
0.2019 23:01:05, ChangeTime: 04.02.2020 22:30:28, FileAttributes: A 0x80000
18:57:48,7940500 ruby.exe 15296 CloseFile C:\[...]\Müller electronic\[...]\rubygems.rb SUCCESS
18:57:48,7942644 ruby.exe 15296 CreateFile C:\[...]\Müller electronic\[...]\r
ubygems.rb SUCCESS Desired Access: Generic Read, Disposition: Open, Options: Synchronous IO Non-Alert, Non-Dir
ectory File, Attributes: N, ShareMode: Read, Write, AllocationSize: n/a, OpenResult: Opened
18:57:48,7943188 ruby.exe 15296 CloseFile C:\[...]\Müller electronic\[...]\rubygems.rb SUCCESS
18:57:48,7945545 ruby.exe 15296 CreateFile C:\[...]\Müller electronic\[...]\r
ubygems.rb PATH NOT FOUND Desired Access: Generic Read, Disposition: Open, Options: Synchronous IO Non-Alert,
Non-Directory File, Attributes: N, ShareMode: Read, Write, AllocationSize: n/a
```

88416199-13655d80-cde0-11ea-9b0d-2319b6c3af2b.png  
Here are my current environment details:

```
$ gem env version
3.0.3
```

- Windows 10 1909 x86-64
- default codepages Windows-1252 and CP-850
- Ruby 2.6.5

#### #7 - 06/16/2021 05:53 PM - jeremyevans0 (Jeremy Evans)

- Status changed from Open to Closed

This appears to be fixed starting in Ruby 2.7 (also works in 3.0):

```
D:\Евгений>C:\Ruby26-x64\bin\ruby -I D:\Евгений -e "require 'logger'"
Traceback (most recent call last):
  2: from -e:1:in `<main>'
  1: from C:/Ruby26-x64/lib/ruby/2.6.0/rubygems/core_ext/kernel_require.rb:54:in `require'
C:/Ruby26-x64/lib/ruby/2.6.0/rubygems/core_ext/kernel_require.rb:54:in `require': No such file or directory --
D:/Д•Д²Д³ДµД¶Д,Д¹/logger.rb (LoadError)
```

```
D:\Евгений>C:\Ruby27-x64\bin\ruby -I D:\Евгений -e "require 'logger'"
```

```
D:\Евгений>C:\Ruby30-x64\bin\ruby -I D:\Евгений -e "require 'logger'"
```

As Ruby 2.6 is in security maintenance mode, the change will not be backported.

#### #8 - 07/09/2021 11:12 AM - inversion (Yura Babak)

jeremyevans0 (Jeremy Evans) wrote in [#note-7](#):

This appears to be fixed starting in Ruby 2.7 (also works in 3.0):

**Still, there is a problem.**

require 'bundler/setup' fails if LOAD\_PATH or Gem.dir contain Cyrillic chars, the error is similar to:

```
incompatible character encodings: ASCII-8BIT and UTF-8 (Encoding::CompatibilityError)
```

From the trace I have prepared the **minimum reproducible case** :

1. Put Ruby in a location where the path will contain Cyrillic chars, like "D:\users\киї\Ruby"
2. Prepare 2 files (saved in UTF-8 encoding) somewhere in a location where the path will contain Cyrillic chars (can be near that Ruby):  
<https://gist.github.com/inversion-des/75949795cc5be707c19d31901e79d1cf>
3. Open cmd and ensure to do chcp 1251 in the current console session.
4. run "[this Ruby path]" f1.rb

You will see that the same `__dir__` output is different between files (f2 is required). If you will try to run f2.rb — output will be the same as for f1. So, **require\_relative somehow changes the encoding** here.

To emulate problems with the 'bundler/setup' there are next lines:

```
# fails: incompatible character encodings: Windows-1251 and UTF-8 (Encoding::CompatibilityError)
p start_with:$LOAD_PATH[0].start_with?(__dir__)
# fails: incompatible character encodings: UTF-8 and ASCII-8BIT (Encoding::CompatibilityError)
p start_with:$LOAD_PATH[0].start_with?(Gem.dir)
```

To see the real problem you should comment these lines and also prepare next files (I'm not sure content is important by add at least one gem there)

- Gemfile
- Gemfile.lock

And to see both problems there should also be the .bundle/config file with a line like:

BUNDLE\_PATH: "../platform/Ruby\_gems"

In the bundler/settings.rb it will use explicit\_path if the BUNDLE\_PATH defined and Bundler.rubygems.gem\_dir otherwise.

Workaround to overcome both errors you can find in the f1.rb in the related commented section:

```
Gem.dir.force_encoding 'UTF-8'
Gem.path.each {|path| path.force_encoding 'UTF-8' }
if $:[0].encoding.name == 'Windows-1251'
  $:.each {|path| path.encode! 'UTF-8' }
  $:.push '.' # somehow it helps, looks like a modification of array is needed
end
```

My environment:

- Windows10 Pro
- Ruby 3.0.1p64 (2021-04-05 revision 0fb782ee38) [x64-mingw32]
- Bundler version 2.2.22
- RubyGems version 3.2.22

#### #9 - 07/09/2021 03:51 PM - jeremyevans0 (Jeremy Evans)

- Status changed from Closed to Open

inversion (Yura Babak) wrote in [#note-8](#):

jeremyevans0 (Jeremy Evans) wrote in [#note-7](#):

This appears to be fixed starting in Ruby 2.7 (also works in 3.0):

#### Still, there is a problem.

require 'bundler/setup' fails if LOAD\_PATH or Gem.dir contain Cyrillic chars, the error is similar to:

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<https://gist.github.com/Inversion-des/75949795cc5be707c19d31901e79d1cf>
3. Open cmd and ensure to do chcp 1251 in the current console session.
4. run "[this Ruby path]" f1.rb

I was able to reproduce the issue, but only when I installed Ruby into a path not supported by the Windows-1251 encoding:

```
d:\Евгений>d:\zz-können2\Ruby31-x64\bin\bundle install --local
d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler.rb:94:in `expand_path': incompatible character encodings: ASCII-8BIT and UTF-8 (Encoding::CompatibilityError)
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler.rb:94:in `expand_path'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler.rb:94:in `bundle_path'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler.rb:682:in `configure_gem_home'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler.rb:663:in `configure_gem_home_and_path'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler.rb:80:in `configure'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler.rb:193:in `definition'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler/cli/install.rb:57:in `run'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler/cli.rb:259:in `block in install'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler/settings.rb:133:in `temporary'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler/cli.rb:258:in `install'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler/vendor/thor/lib/thor/command.rb:27:in `run'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler/vendor/thor/lib/thor/invoke.rb:127:in `invoke_command'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler/vendor/thor/lib/thor.rb:392:in `dispatch'
```

```

    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler/cli.rb:30:in `dispatch'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler/vendor/thor/lib/thor/base.rb:485:in `start'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler/cli.rb:24:in `start'
    from d:/zz-können2/Ruby31-x64/lib/ruby/gems/3.1.0/gems/bundler-2.3.0.dev/libexec/bundle:49:in `block i
n <top (required)>'
    from d:/zz-können2/Ruby31-x64/lib/ruby/3.1.0/bundler/friendly_errors.rb:130:in `with_friendly_errors'
    from d:/zz-können2/Ruby31-x64/lib/ruby/gems/3.1.0/gems/bundler-2.3.0.dev/libexec/bundle:37:in `<top (r
equired)>'
    from d:/zz-k?nnen2/Ruby31-x64/bin/bundle:31:in `load'
    from d:/zz-k?nnen2/Ruby31-x64/bin/bundle:31:in `<main>'

```

Part of the underlying issue seems to be that `__FILE__` and `__dir__` are not UTF-8 encoded for the main script, unlike required files. I'm not sure if changing that alone will fix the issue, though.

When I run the following script (f3.rb):

```

p ['__FILE__', __FILE__, __FILE__.encoding]
p ['__dir__', __dir__, __dir__.encoding]
p ['Gem.dir', Gem.dir, Gem.dir.encoding]
puts 'Gem.path'
Gem.path.each do |s|
  p [s, s.encoding]
end
puts '$:'
$:.each do |s|
  p [s, s.encoding]
end

```

I get the following when using Ruby installed in a non-ASCII path:

```

d:\Евгений>d:/zz-können2/Ruby31-x64/bin/ruby D:\Евгений\f3.rb
["__FILE__", "D:/\xC5\xE2\xE3\xE5\xED\xE8\xE9/f3.rb", #<Encoding:Windows-1251>]
["__dir__", "D:/\xC5\xE2\xE3\xE5\xED\xE8\xE9", #<Encoding:Windows-1251>]
["Gem.dir", "d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/gems/3.1.0", #<Encoding:ASCII-8BIT>]
Gem.path
["C:/Users/jeremye/.gem/ruby/3.1.0", #<Encoding:UTF-8>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/gems/3.1.0", #<Encoding:ASCII-8BIT>]
$:
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/site_ruby/3.1.0", #<Encoding:ASCII-8BIT>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/site_ruby/3.1.0/x64-ucrt", #<Encoding:ASCII-8BIT>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/site_ruby", #<Encoding:ASCII-8BIT>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/vendor_ruby/3.1.0", #<Encoding:ASCII-8BIT>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/vendor_ruby/3.1.0/x64-ucrt", #<Encoding:ASCII-8BIT>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/vendor_ruby", #<Encoding:ASCII-8BIT>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/3.1.0", #<Encoding:ASCII-8BIT>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/3.1.0/x64-mingw-ucrt", #<Encoding:ASCII-8BIT>]

```

and when installed into an ASCII path:

```

d:\Евгений>C:/Ruby30-x64/bin/ruby d:\Евгений\f3.rb
["__FILE__", "d:/\xC5\xE2\xE3\xE5\xED\xE8\xE9/f3.rb", #<Encoding:Windows-1251>]
["__dir__", "d:/\xC5\xE2\xE3\xE5\xED\xE8\xE9", #<Encoding:Windows-1251>]
["Gem.dir", "C:/Ruby30-x64/lib/ruby/gems/3.0.0", #<Encoding:ASCII-8BIT>]
Gem.path
["C:/Users/jeremye/.gem/ruby/3.0.0", #<Encoding:UTF-8>]
["C:/Ruby30-x64/lib/ruby/gems/3.0.0", #<Encoding:ASCII-8BIT>]
$:
["C:/Ruby30-x64/lib/ruby/site_ruby/3.0.0", #<Encoding:Windows-1251>]
["C:/Ruby30-x64/lib/ruby/site_ruby/3.0.0/x64-msvcrt", #<Encoding:Windows-1251>]
["C:/Ruby30-x64/lib/ruby/site_ruby", #<Encoding:Windows-1251>]
["C:/Ruby30-x64/lib/ruby/vendor_ruby/3.0.0", #<Encoding:Windows-1251>]
["C:/Ruby30-x64/lib/ruby/vendor_ruby/3.0.0/x64-msvcrt", #<Encoding:Windows-1251>]
["C:/Ruby30-x64/lib/ruby/vendor_ruby", #<Encoding:Windows-1251>]
["C:/Ruby30-x64/lib/ruby/3.0.0", #<Encoding:Windows-1251>]
["C:/Ruby30-x64/lib/ruby/3.0.0/x64-mingw32", #<Encoding:Windows-1251>]

```

It looks like the difference in the non-ASCII path case is that ASCII-8BIT encoding is used even if the path itself is valid UTF-8. This is true even if you force a UTF-8 code page (though that does fix `__FILE__` and `__dir__`):

```

d:\Евгений>chcp 65001
Active code page: 65001

d:\Евгений>d:/zz-können2/Ruby31-x64/bin/ruby D:\Евгений\f3.rb
["__FILE__", "D:/Евгений/f3.rb", #<Encoding:UTF-8>]
["__dir__", "D:/Евгений", #<Encoding:UTF-8>]

```

```
["Gem.dir", "d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/gems/3.1.0", #<Encoding:ASCII-8BIT>]
Gem.path
["C:/Users/jeremye/.gem/ruby/3.1.0", #<Encoding:UTF-8>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/gems/3.1.0", #<Encoding:ASCII-8BIT>]
$:
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/site_ruby/3.1.0", #<Encoding:ASCII-8BIT>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/site_ruby/3.1.0/x64-ucrt", #<Encoding:ASCII-8BIT>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/site_ruby", #<Encoding:ASCII-8BIT>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/vendor_ruby/3.1.0", #<Encoding:ASCII-8BIT>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/vendor_ruby/3.1.0/x64-ucrt", #<Encoding:ASCII-8BIT>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/vendor_ruby", #<Encoding:ASCII-8BIT>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/3.1.0", #<Encoding:ASCII-8BIT>]
["d:/zz-k\xC3\xB6nnen2/Ruby31-x64/lib/ruby/3.1.0/x64-mingw-ucrt", #<Encoding:ASCII-8BIT>]
```

Since there does appear to be an issue, I'll reopen this. Hopefully someone with more knowledge in this area can suggest a possible fix.

#### **#10 - 07/09/2021 04:08 PM - inversion (Yura Babak)**

- ruby -v changed from ruby 2.6.3p62 (2019-04-16 revision 67580) [x64-mingw32] to 3.0.1p64 (2021-04-05 revision 0fb782ee38) [x64-mingw32]