

Ruby master - Bug #16738

RbConfig::CONFIG["SDKROOT"] not frozen on macOS

03/24/2020 03:57 PM - bjfish (Brandon Fish)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	2.6.5, 2.7.0	Backport: 2.5: DONE, 2.6: DONE, 2.7: DONE
Description		
<p>The RbConfig::CONFIG["SDKROOT"] is not frozen on macOS when the SDKROOT environment variable is set which causes the kernel spec (https://github.com/ruby/ruby/blob/1b3339528c0804aa0e673bd3f15be8b087d17bd8/spec/ruby/library/rbconfig/rbconfig_spec.rb#L27) to fail.</p>		
Spec Failure		
<pre>1) RbConfig::CONFIG contains no frozen strings even with --enable-frozen-string-literal FAILED Expected "SDKROOT Failure\n" + "Done\n" == "Done\n" to be truthy but was false /Users/bfish/Documents/projects/spec/library/rbconfig/rbconfig_spec.rb:28:in `block (2 levels) in <top (required)>' /Users/bfish/Documents/projects/spec/library/rbconfig/rbconfig_spec.rb:4:in `<top (required)>'</pre>		
Example		
<pre>% unset SDKROOT % ruby -e 'p RbConfig::CONFIG["SDKROOT"].frozen?' false % export SDKROOT="test" % ruby -e 'p RbConfig::CONFIG["SDKROOT"].frozen?' true</pre>		
Environment		
macOS		
Versions Tested		
2.6.5 2.7.0		

Associated revisions

Revision 4adb2d65 - 03/25/2020 01:09 PM - nobu (Nobuyoshi Nakada)

Make RbConfig::CONFIG values mutable [Bug #16738]

As RbConfig.expand modifies the argument and involved CONFIG values, its values should be mutable.

Revision 5ccf57f2 - 03/27/2020 05:51 AM - nobu (Nobuyoshi Nakada)

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(cherry picked from commit 4adb2d655dcd54b28366b4d17e86b21e2b622cd1)

Revision c42b57f2 - 03/30/2020 04:47 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 4adb2d655dcd54b28366b4d17e86b21e2b622cd1: [Backport #16738]

```
Make RbConfig::CONFIG values mutable [Bug #16738]
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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_6@67859 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 67859 - 03/30/2020 04:47 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 4adb2d655dcd54b28366b4d17e86b21e2b622cd1: [Backport #16738]

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Revision d4e1eb1d - 03/30/2020 10:47 PM - usa (Usaku NAKAMURA)

merge revision(s) 4adb2d655dcd54b28366b4d17e86b21e2b622cd1: [Backport #16738]

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_5@67872 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 67872 - 03/30/2020 10:47 PM - usa (Usaku NAKAMURA)

merge revision(s) 4adb2d655dcd54b28366b4d17e86b21e2b622cd1: [Backport #16738]

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Make RbConfig::CONFIG values mutable [Bug #16738]
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History

#1 - 03/24/2020 05:13 PM - Eregon (Benoit Daloze)

The reason RbConfig entries cannot be frozen currently is because RbConfig.expand which calls String#replace. So I think this is a bug, and we should ensure all RbConfig entries are mutable, hence the spec.

Alternatively, one could try to rewrite RbConfig.expand, but not sure that's possible in a compatible way (I don't understand that code in details).

#2 - 03/25/2020 01:10 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset [git|4adb2d655dcd54b28366b4d17e86b21e2b622cd1](https://github.com/ruby/ruby/commit/4adb2d655dcd54b28366b4d17e86b21e2b622cd1).

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Make RbConfig::CONFIG values mutable [Bug #16738]
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#3 - 03/27/2020 03:09 AM - nobu (Nobuyoshi Nakada)

- Backport changed from 2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN to 2.5: REQUIRED, 2.6: REQUIRED, 2.7: REQUIRED

#4 - 03/27/2020 09:12 PM - naruse (Yui NARUSE)

- Backport changed from 2.5: REQUIRED, 2.6: REQUIRED, 2.7: REQUIRED to 2.5: REQUIRED, 2.6: REQUIRED, 2.7: DONE

```
ruby_2_7 5ccf57f23eb7a35ac699edc2fc598c47fa1844a0.
```

#5 - 03/30/2020 04:47 AM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.5: REQUIRED, 2.6: REQUIRED, 2.7: DONE to 2.5: REQUIRED, 2.6: DONE, 2.7: DONE

ruby_2_6 r67859 merged revision(s) 4adb2d655dcd54b28366b4d17e86b21e2b622cd1.

#6 - 03/30/2020 10:48 PM - usa (Usaku NAKAMURA)

- Backport changed from 2.5: REQUIRED, 2.6: DONE, 2.7: DONE to 2.5: DONE, 2.6: DONE, 2.7: DONE

#7 - 05/11/2020 09:39 PM - ihdadi.page@gmail.com (000000 000000)

- File network-2402637_640.jpg added

#8 - 05/12/2020 02:55 AM - nobu (Nobuyoshi Nakada)

- File deleted (network-2402637_640.jpg)