

## Backport191 - Backport #2404

### [PATCH] force\_encoding on frozen string in gem\_prelude

11/26/2009 05:46 AM - rubys (Sam Ruby)

<b>Status:</b>	Assigned	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	yugui (Yuki Sonoda)	
<b>Description</b>		
=begin Simply entering any gem command or even irb on Ubuntu produces the following:  Error loading gem paths on load path in gem_prelude can't modify frozen string <a href="#">internal:gem_prelude:70</a> :in force_encoding' <internal:gem_prelude>:70:inset_home' <a href="#">internal:gem_prelude:38</a> :in dir' <internal:gem_prelude>:83:inset_paths' <a href="#">internal:gem_prelude:47</a> :in path' <internal:gem_prelude>:227:inpush_all_highest_version_gems_on_load_path' <a href="#">internal:gem_prelude:301</a> :in ``  Note: on Linux, File::ALT_SEPARATOR=nil, so the gsub will not be executed.  Patch attached. =end		
<b>Related issues:</b>		
Has duplicate Backport191 - Backport #3584: Error loading gem paths on load p...		<b>Assigned</b> <b>07/19/2010</b>

#### History

##### #1 - 11/26/2009 06:07 AM - rubys (Sam Ruby)

=begin  
Problem only occurs if the GEM\_HOME environment variable is set.  
=end

##### #2 - 11/26/2009 06:35 AM - bitsweat (Jeremy Daer)

=begin  
To replicate on any platform:

```
GEM_HOME=foo ruby -e "
```

Verified that the patch fixes it.  
=end

##### #3 - 11/26/2009 12:03 PM - ujihisa (Tatsuhiko Ujihisa)

- Status changed from Open to Assigned
- Assignee set to drbrain (Eric Hodel)

=begin  
=end

##### #4 - 11/26/2009 08:45 PM - naruse (Yui NARUSE)

- Category set to core
- Status changed from Assigned to Closed
- Target version set to 1.9.2

=begin  
fixed at r25932.  
=end

#### #5 - 07/03/2010 08:31 PM - wayneesegu (Wayne E. Seguin)

=begin

This bug is now present and highly invasive in the newly released 1.9.1-p429

```
> uname -a
Linux ams-blm-p0 2.6.18-164.11.1.el5xen #1 SMP Wed Jan 20 08:06:04 EST 2010 x86_64 x86_64 x86_64 GNU/Linux
```

```
> ruby -v
ruby 1.9.1p429 (2010-07-02 revision 28523) [x86_64-linux]
```

```
> gem --version
Error loading gem paths on load path in gem_prelude
can't modify frozen string
<internal:gem_prelude>:69:in `force_encoding'
<internal:gem_prelude>:69:in `set_home'
<internal:gem_prelude>:38:in `dir'
<internal:gem_prelude>:76:in `set_paths'
<internal:gem_prelude>:47:in `path'
<internal:gem_prelude>:286:in `push_all_highest_version_gems_on_load_path'
<internal:gem_prelude>:355:in `'
1.3.7
```

```
> irb
Error loading gem paths on load path in gem_prelude
can't modify frozen string
<internal:gem_prelude>:69:in `force_encoding'
<internal:gem_prelude>:69:in `set_home'
<internal:gem_prelude>:38:in `dir'
<internal:gem_prelude>:76:in `set_paths'
<internal:gem_prelude>:47:in `path'
<internal:gem_prelude>:286:in `push_all_highest_version_gems_on_load_path'
<internal:gem_prelude>:355:in `'
ruby-1.9.1-p429 >
```

Whereas on the exact same host, same installation method (RVM):

```
> uname -a
Linux ams-blm-p0 2.6.18-164.11.1.el5xen #1 SMP Wed Jan 20 08:06:04 EST 2010 x86_64 x86_64 x86_64 GNU/Linux
```

```
> ruby -v
ruby 1.9.1p378 (2010-01-10 revision 26273) [x86_64-linux]
```

```
> gem --version
1.3.6
```

```
> irb
ruby-1.9.1-p378 >
```

I am able to reproduce on my local as well as the server listed above.

Simply installing p429 triggers the bug.

(Local: `./uname -a => Darwin Genius.local 10.4.0 Darwin Kernel Version 10.4.0: Fri Apr 23 18:28:53 PDT 2010; root:xnu-1504.7.4~1/RELEASE_I386 i386 i386`)

=end

#### #6 - 07/03/2010 09:48 PM - nobu (Nobuyoshi Nakada)

- Status changed from Closed to Assigned

- Assignee changed from drbrain (Eric Hodel) to yugui (Yuki Sonoda)

- Priority changed from 5 to Normal

=begin

=end

#### #7 - 02/28/2011 01:29 PM - sferik (Erik Michaels-Ober)

=begin

This appears to still be an issue in 1.9.1 at patchlevel 431.

What is the reason why Sam's patch has not yet been merged? Also, why was priority changed high to normal?

=end

**#8 - 06/10/2011 09:44 PM - schmurfy (Julien A)**

That is awesome to see the latest ruby 1.9.1 version crippled with a bug reported with a patch 1 year ago, was it forgotten or is nobody using 1.9.1 ?

**#9 - 06/11/2011 08:57 AM - nobu (Nobuyoshi Nakada)**

Nobody.

**#10 - 06/20/2011 10:57 PM - schmurfy (Julien A)**

Sadly I am, and for now I cannot switch to 1.9.2 since our application does not work on it as is ...

**#11 - 09/23/2011 10:49 AM - cczona (C. Zona)**

Ping. Can we please get this patch merged to 1.9.1? Thanks.

**Files**

---

patch	476 Bytes	11/26/2009	rubys (Sam Ruby)
-------	-----------	------------	------------------