

Ruby 1.8 - Backport #3200

String#gsub! doesn't error on frozen string

04/25/2010 06:26 PM - candlerb (Brian Candler)

Status:	Open
Priority:	Normal
Assignee:	
Description	
<pre>=begin gsub! does not raise an error on a frozen string unless a change is actually made. e.g. s = "a".freeze => "a" s.gsub!(/b/,") => nil</pre>	
<p>But this is inconsistent with other mutating methods on frozen strings, e.g.</p>	
<pre>s.squeeze! TypeError: can't modify frozen string from (irb):3:in squeeze! from (irb):3 from :0 s.tr!('b','c') TypeError: can't modify frozen string from (irb):4:intr! from (irb):4 from :0</pre>	
<p>Not sure if this unexpected behaviour is "bug" or "feature". The ri documentation of String#gsub! doesn't mention this anomaly.</p>	
<pre>Tested with ruby 1.8.7 (2009-06-12 patchlevel 174) [x86_64-linux] from Ubuntu Karmic =end</pre>	

History

#1 - 04/25/2010 07:00 PM - nobu (Nobuyoshi Nakada)

```
=begin
1.9.2 does raise an exception, so I guess it would be
"backport".

=end
```