

Ruby master - Bug #5696

rexml BaseParser uses instance_eval unnecessarily on listener add

12/02/2011 07:35 AM - headius (Charles Nutter)

Status: Closed	
Priority: Normal	
Assignee:	
Target version: 1.9.3	
ruby -v: trunk	Backport:
Description	
<p>In add_listener in REXML::BaseParser, there's code to instance eval and replace the old "pull" method with a new one that calls all listeners. I assume this was done to avoid the cost of calling .each on the listeners when there's none registered, but when the list is empty this call is nearly a no-op anyway. The singletonizing effect of instance_eval and the redefinition of #pull, on the other hand, cause a cache flush throughout the system.</p> <p>I have created a patch that removes the instance_eval, initializes the listeners array unconditionally, and does the event #each unconditionally. It passes all tests, and should perform better because it's not damaging the cache.</p> <p>https://gist.github.com/1420383</p> <p>This can be safely backported to any Ruby version and has no visible behavior change.</p>	

Associated revisions

Revision 5eac5644 - 01/03/2012 03:05 PM - ayumin (Ayumu AIZAWA)

- lib/rexml/parsers/baseparser.rb: rexml BaseParser uses instance_eval unnecessarily on listener add. patch from Charles Nutter. [Bug #5696] [ruby-core:41437]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@34202 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 34202 - 01/03/2012 03:05 PM - ayumin (Ayumu AIZAWA)

- lib/rexml/parsers/baseparser.rb: rexml BaseParser uses instance_eval unnecessarily on listener add. patch from Charles Nutter. [Bug #5696] [ruby-core:41437]

Revision 34202 - 01/03/2012 03:05 PM - ayumin (Ayumu AIZAWA)

- lib/rexml/parsers/baseparser.rb: rexml BaseParser uses instance_eval unnecessarily on listener add. patch from Charles Nutter. [Bug #5696] [ruby-core:41437]

Revision 34202 - 01/03/2012 03:05 PM - ayumin (Ayumu AIZAWA)

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Revision 34202 - 01/03/2012 03:05 PM - ayumin (Ayumu AIZAWA)

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Revision 34202 - 01/03/2012 03:05 PM - ayumin (Ayumu AIZAWA)

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Revision 34202 - 01/03/2012 03:05 PM - ayumin (Ayumu AIZAWA)

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Revision bd895ab1 - 01/03/2012 03:21 PM - kou (Kouhei Sutou)

- lib/rexml/parsers/baseparser.rb: use private instead of _xxx method name. This is Ruby code not Python code. refs #5696

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@34204 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 34204 - 01/03/2012 03:21 PM - kou (Kouhei Sutou)

- lib/rexml/parsers/baseparser.rb: use private instead of _xxx method name. This is Ruby code not Python code. refs #5696

Revision 34204 - 01/03/2012 03:21 PM - kou (Kouhei Sutou)

- lib/rexml/parsers/baseparser.rb: use private instead of _xxx method name. This is Ruby code not Python code. refs #5696

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Revision 34204 - 01/03/2012 03:21 PM - kou (Kouhei Sutou)

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Revision 34204 - 01/03/2012 03:21 PM - kou (Kouhei Sutou)

- lib/rexml/parsers/baseparser.rb: use private instead of _xxx method name. This is Ruby code not Python code. refs #5696

Revision 68fff388 - 01/07/2012 01:40 PM - ayumin (Ayumu AIZAWA)

merge revision(s) 34202:

```
* lib/rexml/parsers/baseparser.rb: rexml BaseParser uses
instance_eval unnecessarily on listener add.
patch from Charles Nutter. [Bug #5696] [ruby-core:41437]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@34223 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 6166e9cf - 01/07/2012 01:47 PM - ayumin (Ayumu AIZAWA)

merge revision(s) 34204:

```
* lib/rexml/parsers/baseparser.rb: use private instead of _xxx
method name. This is Ruby code not Python code.
refs #5696
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@34224 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 01/04/2012 12:05 AM - ayumin (Ayumu AIZAWA)

- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r34202.
Charles, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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