

## Ruby trunk - Feature #14256

### Deprecate \$SAFE support in ERB and let ERB.new take keyword arguments for it

12/28/2017 05:51 AM - k0kubun (Takashi Kokubun)

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	k0kubun (Takashi Kokubun)	
<b>Target version:</b>	2.6	
<b>Description</b>		
See <a href="https://bugs.ruby-lang.org/issues/14250">https://bugs.ruby-lang.org/issues/14250</a> .		
Proc-level \$SAFE change does no longer make sense. This should be deprecated and then removed. But the problem is that the position of safe_level argument is in the middle of argument list of ERB#initialize.		
So to remove it safely, we should make them keyword arguments and deprecate the current non-keyword-argument interface. Having both interfaces would be backward-compatible because all of arguments don't take {}.		
<b>before</b>		
<pre>ERB.new("&lt;%= 'foo' %&gt;", 1, '%', '_erbout')</pre>		
<b>after</b>		
<pre>ERB.new("&lt;%= 'foo' %&gt;", 1, '%', '_erbout') # print deprecation in 2.6 if argc &gt;= 2, and removed in later version</pre>		
<pre>ERB.new("&lt;%= 'foo' %&gt;", trim_mode: '%', eoutvar: '_erbout') # no safe_level support from first</pre>		
<b>Related issues:</b>		
Related to Ruby trunk - Feature #14250: Make ` \$SAFE ` process global state and...		<b>Closed</b>

#### Associated revisions

##### Revision cc777d09 - 02/22/2018 01:28 PM - k0kubun (Takashi Kokubun)

erb.rb: deprecate safe\_level of ERB.new

Also, as it's in the middle of the list of 4 arguments, 3rd and 4th arguments (trim\_mode, eoutvar) are changed to keyword arguments. Old ways to specify arguments are deprecated and warned now.

bin/erb: deprecate -S option.

We'll remove all of deprecated ones at Ruby 2.7+.

enc/make\_encmake.rb: stopped using deprecated interface  
ext/etc/mkconstants.rb: ditto  
ext/socket/mkconstants.rb: ditto  
sample/ripper/ruby2html.rb: ditto  
spec/ruby/library/erb/defmethod/def\_erb\_method\_spec.rb: ditto  
spec/ruby/library/erb/new\_spec.rb: ditto  
test/erb/test\_erb.rb: ditto  
test/erb/test\_erb\_command.rb: ditto  
tool/generic\_erb.rb: ditto  
tool/ruby\_vm/helpers/dumper.rb: ditto  
tool/transcode-tblgen.rb: ditto  
lib/rdoc/erbio.rb: ditto  
lib/rdoc/generator/darkfish.rb: ditto

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@62529 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 62529 - 02/22/2018 01:28 PM - k0kubun (Takashi Kokubun)

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spec/ruby/library/erb/new\_spec.rb: ditto  
test/erb/test\_erb.rb: ditto  
test/erb/test\_erb\_command.rb: ditto  
tool/generic\_erb.rb: ditto  
tool/ruby\_vm/helpers/dumper.rb: ditto  
tool/transcode-tblgen.rb: ditto  
lib/rdoc/erbio.rb: ditto  
lib/rdoc/generator/darkfish.rb: ditto

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## History

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### #1 - 12/28/2017 05:52 AM - k0kubun (Takashi Kokubun)

- Subject changed from *Deprecate \$SAFE support in ERB* to *Deprecate \$SAFE support in ERB and let ERB.new take keyword arguments for it*

### #2 - 12/28/2017 05:54 AM - k0kubun (Takashi Kokubun)

- Related to Feature #14250: *Make `SAFE` process global state and allow to set 0 again added*

### #3 - 02/22/2018 01:28 PM - k0kubun (Takashi Kokubun)

- Status changed from *Open* to *Closed*

Applied in changeset [trunk|r62529](#).

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### #4 - 02/28/2018 12:21 PM - k0kubun (Takashi Kokubun)

I forgot to have a link to this ticket in [r62612](#).

Ruby 2.5's ERB.new interface will continue to be available until Ruby 2.5 becomes EOL. So you don't need to branch ERB.new usage in many places. The deprecation warning is shown only when "-w" (or "-W2") flag is explicitly added.

If you're even against having deprecation warning on warn level 2, please add comments here. I may postpone it.