

## Ruby - Bug #7706

### Lazy#zip should not call `lazy`

01/17/2013 03:27 AM - marcandre (Marc-Andre Lafortune)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> marcandre (Marc-Andre Lafortune)	
<b>Target version:</b> 2.0.0	
<b>ruby -v:</b> r38825	<b>Backport:</b>
<b>Description</b>	
Current implementation of Lazy#zip has problems:	
1. calls lazy when this is not expected, necessary nor documented. Any reason to not call each instead?	
2. calls lazy without checking previously for type:	
<pre>[1].lazy.zip(42) # =&gt;NoMethodError: undefined method `lazy' for 42:Fixnum</pre>	
<b>expected same as [1].zip(42), i.e. a TypeError</b>	
3. inefficient in the case where all arguments are arrays	
I'll address these when I get a chance. I don't understand why lazy is called instead of each though. Anyone?	

#### Associated revisions

##### Revision 1af390b1ea11acd00558e8d86d23d17d328e580d - 01/24/2013 07:05 AM - Marc-Andre Lafortune

- enumerator.c: Optimize Lazy#zip when passed only arrays [Bug #7706]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38925 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 1af390b1 - 01/24/2013 07:05 AM - Marc-Andre Lafortune

- enumerator.c: Optimize Lazy#zip when passed only arrays [Bug #7706]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38925 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision aab2f788d784ef73dd088f7cc6e258672da0ae59 - 01/24/2013 07:50 AM - Marc-Andre Lafortune

- enumerator.c (lazy\_zip): raise error for bad arguments [Bug #7706]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38926 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision aab2f788 - 01/24/2013 07:50 AM - Marc-Andre Lafortune

- enumerator.c (lazy\_zip): raise error for bad arguments [Bug #7706]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38926 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 96af5360a4089daf90743ad4722e77eff2261145 - 01/24/2013 07:51 AM - Marc-Andre Lafortune

- enum.c (enum\_zip): Fix error message

- array.c (take\_items): Same, for Array#zip  
[Bug #7706]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38927 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

#### Revision 96af5360 - 01/24/2013 07:51 AM - Marc-Andre Lafortune

- enum.c (enum\_zip): Fix error message
- array.c (take\_items): Same, for Array#zip  
[Bug #7706]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38927 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

#### History

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##### #1 - 01/24/2013 04:05 PM - marcandre (Marc-Andre Lafortune)

- Status changed from Open to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r38925.  
Marc-Andre, thank you for reporting this issue.  
Your contribution to Ruby is greatly appreciated.  
May Ruby be with you.

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- enumerator.c: Optimize Lazy#zip when passed only arrays  
[Bug #7706]