

Ruby master - Feature #7393

Fix array behaviour when it is used as a queue: github#174

11/19/2012 12:18 PM - zzak (Zachary Scott)

Status:	Closed	
Priority:	Normal	
Assignee:	mame (Yusuke Endoh)	
Target version:	2.0.0	
Description		
=begin from github: https://github.com/ruby/ruby/pull/174		
When array is used intensively as a queue (ie repeated push/shift calls), then its performance degrades very quickly with array's size (especially when almost every shift is followed by push), cause each push which is called after shift leads to allocation of new memory space and copying all items to.		
This pull request fixes it in following way:		
<ul style="list-style-type: none">• reuse shared array's storage when array is a single owner of shared array.• try to push items directly into shared array when array is a single owner of shared array• try to unshift items directly into shared array when array is a single owner (and allocate room for further unshifts) =end		

History

#1 - 11/19/2012 12:26 PM - nagachika (Tomoyuki Chikanaga)

Hi,

I think the pull request was merged to trunk as r37581-r37584.

#2 - 11/19/2012 06:35 PM - kosaki (Motohiro KOSAKI)

- Status changed from Open to Closed

Files

array_as_queue.patch	9.69 KB	11/19/2012	zzak (Zachary Scott)
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