

## Backport193 - Backport #8328

### r40457 - Hash#shift performance improvement

04/25/2013 10:39 PM - charliesome (Charlie Somerville)

<b>Status:</b>	Closed
<b>Priority:</b>	Normal
<b>Assignee:</b>	usa (Usaku NAKAMURA)
<b>Description</b>	
r40457 contains a patch which significantly improves the performance of Hash#shift.	
As it does not change behaviour, it should be backported.	
Thanks.	

#### Associated revisions

##### Revision c4b61464 - 06/26/2013 08:02 AM - usa (Usaku NAKAMURA)

[Backport #8328] [ruby-core:55250] Patch by funny-falcon

- benchmark/bm\_hash\_shift.rb: add benchmark for Hash#shift
- hash.c (rb\_hash\_shift): use st\_shift if hash is not being iterated to delete element without iterating the whole hash.
- hash.c (shift\_i): remove function
- include/ruby/st.h (st\_shift): add st\_shift function
- st.c (st\_shift): ditto

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_1\_9\_3@41652 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 41652 - 06/26/2013 08:02 AM - usa (Usaku NAKAMURA)

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#### History

##### #1 - 05/29/2013 09:21 PM - usa (Usaku NAKAMURA)

- Status changed from Open to Assigned
- Assignee set to usa (Usaku NAKAMURA)

Sorry for late reply.

trunk is too different from 1.9.3, so I cannot patch r40457 simply.  
Please wait more.

##### #2 - 06/02/2013 08:42 PM - funny\_falcon (Yura Sokolov)

- File backport\_fix\_shift.diff added

Backported version of "fix Hash#shift" attached.

### #3 - 06/26/2013 05:02 PM - usa (Usaku NAKAMURA)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset [r41652](#).

Charlie, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

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### Files

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backport_fix_shift.diff	3.29 KB	06/02/2013	funny_falcon (Yura Sokolov)
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