

Ruby trunk - Feature #10017

Add `Hash#fetch_values`

07/08/2014 10:37 PM - wojtekmach (Wojtek Mach)

Status:	Closed
Priority:	Normal
Assignee:	matz (Yukihiro Matsumoto)
Target version:	
Description	
<p>I'm proposing to add a new method <code>Hash#values_at!</code> that's basically a combination of <code>#values_at</code> and <code>#fetch</code>.</p> <p>When dealing with configuration I prefer to use <code>#fetch</code> to fail early and this would be useful to read multiple keys at a time. An example (not strictly on a Hash, but you get the idea) could be:</p> <pre>repo, token = ENV.values_at!('GITHUB_REPO', 'GITHUB_TOKEN') ENV.values_at!('INVALID') # raises KeyError # not sure if that useful, but I provide it here for the sake of completeness ENV.values_at!("SHELL", "INVALID") { k k + " is missing" } # => ["/bin/bash", "INVALID is missing"]</pre> <p>Another name for this could be <code>#fetch_at</code>, perhaps.</p> <p>P.S. I'm attaching a patch that was done using mostly trial and error</p>	

Associated revisions

Revision 86eaa245 - 06/12/2015 08:34 AM - nobu (Nobuyoshi Nakada)

hash.c: fetch_values

- hash.c (rb_hash_fetch_values): add Hash#fetch_values. [Feature #10017] [Fix GH-776]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@50845 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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History

#1 - 07/09/2014 04:04 AM - shyouhei (Shyouhei Urabe)

fetch_at sounds much better than values_at! to me.

#2 - 07/09/2014 02:12 PM - nobu (Nobuyoshi Nakada)

- Description updated

+1 for fetch_at.

#3 - 07/09/2014 07:00 PM - wojtekmach (Wojtek Mach)

- File fetch_at.patch added

I attached another patch calling this method fetch_at and I also added missing tests (I couldn't change issue title & body to reflect this changes, though).

Also, perhaps out of scope for this ticket but I'm wondering what're your thoughts about adding #fetch_at to ENV and Array too.

#4 - 07/09/2014 07:28 PM - avit (Andrew Vit)

Please consider the name fetch_at carefully: it seems easily confused with fetch (1 key), and the name doesn't hint that it's for multiple keys. (values_at is plural, so it gives a good clue.) Maybe fetch_values?

#5 - 07/24/2014 08:42 PM - wojtekmach (Wojtek Mach)

Andrew Vit wrote:

Please consider the name fetch_at carefully: it seems easily confused with fetch (1 key), and the name doesn't hint that it's for multiple keys. (values_at is plural, so it gives a good clue.) Maybe fetch_values?

Personally, I prefer fetch_at but fetch_values (or fetch_values_at) is also good!

I'm curious what other core developers think.

#6 - 09/14/2014 10:23 AM - matz (Yukihiko Matsumoto)

For the reason Andrew pointed out, I also prefer #fetch_values. Maybe we need to conduct voting?

Matz.

#7 - 09/20/2014 03:23 AM - jihwans (Jihwan Song)

one vote for #values_at

#8 - 09/20/2014 08:15 AM - phluid61 (Matthew Kerwin)

-1 for values_at! (this isn't a "!" method)

+0 for fetch_at (it's not clear that it isn't just an alias for #fetch)

+1 for fetch_values

#9 - 10/13/2014 10:10 AM - wojtekmach (Wojtek Mach)

Should we get some more votes here, or should I just change my patch to use fetch_values?

#10 - 12/03/2014 09:49 PM - wojtekmach (Wojtek Mach)

I submitted PR for this change: <https://github.com/ruby/ruby/pull/776> calling the method fetch_values.

#11 - 02/02/2015 04:29 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Assigned

- Assignee set to matz (Yukihiko Matsumoto)

Matz, can we introduce this Hash#fetch_values?

#12 - 06/02/2015 09:42 PM - wojtekmach (Wojtek Mach)

- Subject changed from Add `Hash#values_at!` to Add `Hash#fetch_values!`

Hi, please let me know if there's anything I can do to move this ticket forward.

#13 - 06/02/2015 09:42 PM - wojtekmach (Wojtek Mach)

- Subject changed from Add `Hash#fetch_values!` to Add `Hash#fetch_values`

#14 - 06/12/2015 07:17 AM - matz (Yukihiko Matsumoto)

#fetch_values approved.

Matz.

#15 - 06/12/2015 08:34 AM - nobu (Nobuyoshi Nakada)

- Status changed from Assigned to Closed

Applied in changeset [r50845](#).

hash.c: fetch_values

- hash.c (rb_hash_fetch_values): add Hash#fetch_values. [Feature [#10017](#)] [Fix GH-776]

Files

values_at_bang.patch	1.53 KB	07/08/2014	wojtekmach (Wojtek Mach)
fetch_at.patch	2.18 KB	07/09/2014	wojtekmach (Wojtek Mach)