Ruby master - Feature #6276

to_h as explicit conversion to Hash

04/11/2012 12:06 AM - marcandre (Marc-Andre Lafortune)

Status: Closed
Priority: Normal
Assignee: marcandre (Marc-Andre Lafortune)
Target version: 2.0.0

Description

Dear Matz,

We should establish #to_h as the method for explicit conversion to Hash:

1) Add Hash#to_h: returns self for Hash, or a Hash for subclasses of Hash
2) Add Struct#to_h: as requested in Feature #4862 under the wrong name
3) Add OpenStruct#to_h: see Feature #1400

In addition, please consider adding NilClass#to_h.

Even though you are not completely satisfied with NilClass#to_a, I use it very often. If we ever have something equivalent to the splat operator for hashes, the same hesitations will apply to nil.to_h, but I feel it would still bring more good than problems.

Thanks

Related issues:
Related to Ruby master - Feature #5008: Equal rights for Hash (like Array, St... Rejected 07/10/2011

Revision 92be2c0 - 04/16/2012 03:15 AM - marcandre (Marc-Andre Lafortune)

- hash.c: Add Hash#to_h [Feature #6276] [rubyspec:84b7fe3f24d2]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@35339 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 35339 - 04/16/2012 03:15 AM - marcandre (Marc-Andre Lafortune)

- hash.c: Add Hash#to_h [Feature #6276] [rubyspec:84b7fe3f24d2]

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Revision 33399fe8 - 04/16/2012 03:15 AM - marcandre (Marc-Andre Lafortune)
• lib/ostruct.rb: Add OpenStruct#to_h [Feature #6276] [ref #1400] [rubyspec:9e0250b2fc6f]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@35342 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 35342 - 04/16/2012 03:16 AM - marcandre (Marc-Andre Lafortune)

• lib/ostruct.rb: Add OpenStruct#to_h [Feature #6276] [ref #1400] [rubyspec:9e0250b2fc6f]

Revision 35342 - 04/16/2012 03:16 AM - marcandre (Marc-Andre Lafortune)

• lib/ostruct.rb: Add OpenStruct#to_h [Feature #6276] [ref #1400] [rubyspec:9e0250b2fc6f]

Revision 35342 - 04/16/2012 03:16 AM - marcandre (Marc-Andre Lafortune)

• lib/ostruct.rb: Add OpenStruct#to_h [Feature #6276] [ref #1400] [rubyspec:9e0250b2fc6f]

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Revision fc7676fc - 04/16/2012 03:16 AM - marcandre (Marc-Andre Lafortune)

• hash.c: Alias ENV.to_h to ENV.to_hash [ref #6276] [rubyspec:6587eead7cd1]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@35343 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 35343 - 04/16/2012 03:16 AM - marcandre (Marc-Andre Lafortune)

• hash.c: Alias ENV.to_h to ENV.to_hash [ref #6276] [rubyspec:6587eead7cd1]

Revision 35343 - 04/16/2012 03:16 AM - marcandre (Marc-Andre Lafortune)

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Revision 62c9ecfa - 04/18/2012 03:59 AM - naruse (Yui NARUSE)
Revert r35339-35343 because of no tests.
Resume 35383 - 04/18/2012 03:59 AM - naruse (Yui NARUSE)
Revert r35339-35343 because of no tests.
  * hash.c: Alias ENV.to_h to ENV.to_hash [ref #6276]
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  * struct.c: Add Struct#to_h [Feature #6276]
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  * hash.c: Add Hash#to_h [Feature #6276]

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Revision 770ddcdf - 04/24/2012 03:46 AM - nobu (Nobuyoshi Nakada)
hash.c, object.c, struct.c, lib/ostruct.rb: add to_h methods. [Feature #6276]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@35452 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 35452 - 04/24/2012 03:46 AM - nobu (Nobuyoshi Nakada)
- hash.c, object.c, struct.c, lib/ostruct.rb: add to_h methods. [Feature #6276]

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History
#1 - 04/11/2012 09:40 AM - matz (Yukihiro Matsumoto)
- Assignee changed from matz (Yukihiro Matsumoto) to marcandre (Marc-Andre Lafortune)
OK, accepted, include adding nil.to_h.
Marc, could you make patch and check in?
Matz.

#2 - 04/11/2012 11:19 AM - marcandre (Marc-Andre Lafortune)
Great.
I'll do it with pleasure, expect a slight delay as I'm going in vacation for 10 days.
Thanks

#3 - 04/16/2012 12:15 PM - marcandre (Marc-Andre Lafortune)
- Status changed from Assigned to Closed
- % Done changed from 0 to 100
This issue was solved with changeset r35339.
Marc-Andre, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

- hash.c: Add Hash#to_h [Feature #6276] [rubyspec:84b7fe3f24d2]

#4 - 04/16/2012 02:24 PM - naruse (Yui NARUSE)
- Status changed from Closed to Assigned
You didn't add tests for test-all.
If you won't add them, I'll revert them.

#5 - 04/16/2012 09:02 PM - nahi (Hiroshi Nakamura)
+1 to Naruse-san. Apparently test in the same repository is a must.

#6 - 04/18/2012 12:59 PM - naruse (Yui NARUSE)
- Status changed from Assigned to Closed
This issue was solved with changeset r35383.
Marc-Andre, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

Revert r35339-35343 because of no tests.

- hash.c: Alias ENV.to_h to ENV.to_hash [ref #6276]
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