Hello,

Hash[*ary] raises an error when given odd number of arguments:

```ruby
Hash.
    ArgumentError: odd number of arguments for Hash
from (irb):3:in []'
from (irb):3
from /usr/bin/irb:12:in'
```

In contrast, Hash[ary] silently accepts odd-length arrays:

```ruby
Hash.
{}  
Hash.
{   1 => 2
  }
Hash.1, 2, [3] class="external">
{   1 => 2,
    3 => nil
  }
Hash.1, 2, [3,4,5] class="external">
{   1 => 2
  }
```

I think this behavior is inconsistent. Please either:

1) change Hash[ary] to raise errors upon seeing odd-length arrays or

2) change Hash[*ary] to not raise an error for odd number of arguments and instead accept the last odd argument as a key with value nil, just like this existing behavior:

```ruby
Hash.1, 2, [3] class="external">
{   1 => 2,
    3 => nil
  }
```

Thanks for your consideration.

Related issues:
Related to Ruby master - Bug #1385: Wonderful undocumented feature in Ruby 1.... Closed 04/17/2009
Associated revisions
Revision 8d6add97 - 07/14/2012 08:08 AM - nobu (Nobuyoshi Nakada)
hash.c: raise on invalid input
  • hash.c (rb_hash_s_create): raise an exception, when input elements are not one or two elements arrays. [ruby-core:39945] [Bug #5406]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@36391 b2dd03c8-39d4-4d8f-98f1-823fe69b080e

Revision 36391 - 07/14/2012 08:08 AM - nobu (Nobuyoshi Nakada)
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History
#1 - 03/11/2012 04:14 PM - ko1 (Koichi Sasada)
  - Category set to core
  - Status changed from Open to Assigned
  - Assignee set to matz (Yukihiro Matsumoto)

#2 - 07/14/2012 03:12 PM - matz (Yukihiro Matsumoto)
  - Assignee changed from matz (Yukihiro Matsumoto) to nobu (Nobuyoshi Nakada)

Hash should raise an exception, when invalid input comes.

Matz.

#3 - 07/14/2012 05:08 PM - nobu (Nobuyoshi Nakada)
  - Status changed from Assigned to Closed
  - % Done changed from 0 to 100

This issue was solved with changeset r36391.
Suraj, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.
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