Hello,

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

    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:

    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:

    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-98ff-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.
hash.c: raise on invalid input

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