

Ruby - Feature #8396

Allow easier destructuring of MatchData

05/12/2013 06:49 PM - goshakkk (Gosha Arinich)

Status:	Feedback
Priority:	Normal
Assignee:	
Target version:	
Description =begin ((I have opened (<"a PR for this on GH @ rails/rails" URL https://github.com/ruby/ruby/pull/300 >)) for this but @marcandre (Marc-Andre Lafortune) closed it and suggested I submit it here. I'll copy my proposal text here.))) Currently, you can get something out of ({MatchData}) like this: m = "2_apples".match /(\d+)_(apple orange)s?/ count, thing = m[1], m[2] or , count, thing = "2_apples".match(/(\d+)(apple orange)s?/).to_a or count, thing = "2_apples".match(/(\d+)_(apple orange)s?/).captures or, as @marcandre (Marc-Andre Lafortune) suggested, you can use splat operator , count, thing = * "2_apples".match /(\d+)(apple orange)s?/ However, this extra ({#to_a}) or ({#captures}) (or splat) that you have to add makes things slightly more verbose. With this PR, it would be possible to do the following: count, thing = "2_apples".match /(\d+)_(apple orange)s?/ Which looks a bit cleaner and nicer. So what do you think? =end	

History

#1 - 05/12/2013 11:54 PM - matz (Yukihiro Matsumoto)

I like the basic idea, but #to_ary is a method to convert into array implicitly, that means it expect the receiver provides array behavior. MatchObject does not behave like Array.

Maybe we should add another implicit conversion method for right hand side of multiple assignment.

Matz.

#2 - 05/13/2013 12:18 AM - jeremyevans0 (Jeremy Evans)

This could be a use case for the @* method proposed in [#2013](#).

#3 - 05/13/2013 03:03 AM - goshakkk (Gosha Arinich)

=begin
Yep, the ({*@}) is a nice idea. Would be awesome if it could be used for splat-less destructuring as well. [@matz \(Yukihiro Matsumoto\)](#) what do you think about this?
=end

#4 - 05/13/2013 07:06 PM - naruse (Yui NARUSE)

You can use named capture assigning

```
irb(main):005:0> /(?\d+)_?(?apple|orange)s?/ =~ "2_apples"
=> 0
irb(main):006:0> count
=> "2"
irb(main):007:0> thing
=> "apple"
```

#5 - 06/02/2013 04:53 PM - zzak (zzak _)

- Status changed from Open to Feedback

Files

match_data_to_ary.patch	827 Bytes	05/12/2013	goshakkk (Gosha Arinich)
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