Add to_proc method to the Array class

02/04/2015 10:59 PM - BenMorganIO (Ben Morgan)

Status: Open
Priority: Normal
Assignee: 
Target version: 

Description
In ruby, we've all seen this shortcut:

user.posts.map(&:title)

The expanded version is:

user.posts.map { |post| post.title }

Sometimes, however, that method might take arguments. This feature proposal is to allow the to_proc shortcut to be able to respond to the Array class. This would allow developers to be able to use the shortcut to be able to pass in arguments. This can currently be done by reopening the Array class and supplying it with a to_proc method:

```ruby
class Array
  def to_proc
    proc { |receiver| receiver.send *self }
  end
end
```

This would allow this code to be able to run:

```
[1, 2, 3, 4, 5].map([:+, 3])
# => [4, 5, 6, 7, 8]
```

History

#1 - 02/04/2015 11:00 PM - BenMorganIO (Ben Morgan)
Update example code, there was a missing &:

```
[1, 2, 3, 4, 5].map(&[:+, 3])
# => [4, 5, 6, 7, 8]
```

#2 - 07/09/2015 05:16 AM - baweaver (Brandon Weaver)
Have you seen Functors before?

https://www.ruby-forum.com/topic/4402886

#3 - 12/23/2021 11:43 PM - hsbt (Hiroshi SHIBATA)
- Project changed from 14 to Ruby master