Ruby master - Feature #10701

Class:Array 2 New methods

01/06/2015 02:48 PM - kruiserx (Eugene Kuhn)

Status:	Open
Priority:	Normal
Assignee:	
Target version:	

Description

Hi,

New to this, but this is an Array method that I use a lot and thought it might be included in a release, it's basic, but very helpful when you need to rotate certain defined values ie. log rotation with monthly timestamps

```
class Array
    def next(value)

#Returns next element value (and loop to the beginning if last element is matched ) based on first
 input found. if not found, returns first value of array
        self[((self.index(value)||-1)+1)%self.size]
    end
    def prev(value)

#Returns previous element value (and loop to the end if first element is matched ) based on first
input found. if not found, returns first value of array
        self[((self.index(value)||1)-1)%self.size]
    end
end


arr1 = ['Jan','Feb','Mar','Apr','May','Jun','Jul','Aug','Sep','Oct','Nov','Dec']

puts arr1.next("")    #=> returns "Jan"
puts arr1.prev("")    #=> returns "Jan"
puts arr1.next("Apr") #=> returns "May"
puts arr1.next("Dec") #=> returns "Jan"
puts arr1.prev("Jan") #=> returns "Dec"
puts arr1.prev("Apr") #=> returns "Mar"
```

History

#1 - 01/06/2015 03:24 PM - Hanmac (Hans Mackowiak)

i think this functions might be interesting, but i would try to write them to that they are available in Enumerable too

#2 - 01/07/2015 09:57 AM - nobu (Nobuyoshi Nakada)

- Description updated

An exception should be raised if the input is not found?

#3 - 01/08/2015 07:21 AM - Hanmac (Hans Mackowiak)

i also would like if there are block variants of them like that

data = 0..10
data.prev_value {|o| o == 5} #=> 4
data.next_value {|o| o == 5} #=> 6

and i would use prev_value and next value instead of prev and next because it collide with Enumerator#next

i tryed to simulate such functions with slice_before and chunk, it did work but it was not very resource saving ..