

Ruby - Bug #15254

Array#slice should not treat the index past the last element as a special case

10/25/2018 09:44 PM - Malakai97 (Bryan Hockey)

Status:	Rejected	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	ruby 2.5.1p57 (2018-03-29 revision 63029) [x86_64-linux]	Backport: 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN

Description

Array#slice should not treat the index past the last element as a special case. This causes Array#slice(start, length) has inconsistent behavior when given out of bounds values for the start parameter. It sometimes returns an array, and sometimes nil.

```
describe "inconsistencies starting in past the end" do
  it { @array.slice(5,3).must_equal [] } # passes
  it { @array.slice(6,3).must_equal [] } # returns nil
  it { @array.slice(100,3).must_equal [] } # returns nil
end

describe "failures when starting before the start" do
  it { @array.slice(-5,1).must_equal [0] } # passes
  it { @array.slice(-5,5).must_equal @array } # passes
  it { @array.slice(-6,2).must_equal [0] } # returns nil
  it { @array.slice(-6,6).must_equal @array } # returns nil
end
```

The attached script contains the minitest tests.

History

#1 - 10/25/2018 09:56 PM - marcandre (Marc-Andre Lafortune)

- Status changed from Open to Rejected

This is per spec.

Here's one way to see the start indices:

```
[ :a, :b, :c ]
#   ^   ^   ^   ^
#   0   1   2   3
#  -3  -2  -1
```

Other indices (4, -4) are out of bounds and will result in nil return.

Files

array_slice_start_length_test.rb	645 Bytes	10/25/2018	Malakai97 (Bryan Hockey)
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