

## Ruby master - Bug #7803

### RDoc documentation: `Array#&` clarification

02/08/2013 03:38 PM - sawa (Tsuyoshi Sawada)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> zzak (Zachary Scott)	
<b>Target version:</b> 2.6	
<b>ruby -v:</b>	<b>Backport:</b>
<b>Description</b>	
<p>In the RDoc documentation for <code>Array#&amp;</code>, it does not mention whether the order of the elements in the returned array preserves the order in the receiver. There is a question raised regarding this point in stackoverflow:</p> <p><a href="http://stackoverflow.com/questions/14764135/is-order-preserved-in-arrays-when-intersection-is-done">http://stackoverflow.com/questions/14764135/is-order-preserved-in-arrays-when-intersection-is-done</a></p> <p>and it mentions that that is included in the test for <code>RubySpec</code></p> <p><a href="https://github.com/rubyspec/rubyspec/blob/master/core/array/intersection_spec.rb#L16">https://github.com/rubyspec/rubyspec/blob/master/core/array/intersection_spec.rb#L16</a></p> <p>so it looks like that is taken for granted, but it is not guaranteed. If it is indeed a feature, then that should be written in the document. If not, (meaning the order might not be preserved in a future implementation), then that should also be mentioned in the document as a warning. The documentation for <code>Array#-</code> makes that point clear:</p> <pre>Array Difference---Returns a new array that is a copy of the original array, removing any items th at ...</pre> <p>so, perhaps the documentation for <code>Array#&amp;</code> should be written along the same line.</p>	

#### Associated revisions

##### Revision 39415 - 02/23/2013 02:50 AM - zzak (Zachary Scott)

- `array.c (rb_ary_diff, rb_ary_and, rb_ary_or)`: Document return order [RubySpec #7803]

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#### History

##### #1 - 02/17/2013 02:18 PM - ko1 (Koichi Sasada)

- Category set to doc

- Assignee set to zzak (Zachary Scott)

- *Target version set to 2.6*

**#2 - 02/23/2013 11:51 AM - zzak (Zachary Scott)**

- *Status changed from Open to Closed*

Resolved by r39415

**#3 - 02/23/2013 11:51 AM - zzak (Zachary Scott)**

- *% Done changed from 0 to 100*

**#4 - 04/18/2013 05:59 AM - naruse (Yui NARUSE)**

- *Tracker changed from Misc to Bug*