

Ruby - Feature #19600

Method `clamp`?

04/14/2023 12:47 PM - sawa (Tsuyoshi Sawada)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
<div>Description</div> <p>Currently, we have pairs of non-predicate and predicate methods like <code>String#match</code> and <code>String#match?</code>. Along this line, I propose the following. They are brain-friendly, and make programmers happier by saving them from terminology hell.</p> <ol style="list-style-type: none">Since by #19588, <code>Comparable#clamp</code>'s behavior is made the same as <code>Range#cover?</code> for range arguments, alias <code>Range#cover?</code> as <code>Range#clamp?</code>.Synchronize the specification of <code>Comparable#between?</code> with <code>Comparable#clamp</code>, i.e.,<ol style="list-style-type: none">Allow <code>Comparable#between?</code> to take a range argument, andAllow <code>Comparable#between?</code> to take nil as either or both of its arguments, or as either or both ends of its range argument.Alias <code>Comparable#between?</code> as <code>Comparable#clamped?</code>		

History

#1 - 04/14/2023 12:53 PM - sawa (Tsuyoshi Sawada)

- Description updated

#2 - 04/14/2023 12:54 PM - sawa (Tsuyoshi Sawada)

- Description updated

#3 - 04/14/2023 02:40 PM - nobu (Nobuyoshi Nakada)

Since the method `clamp` makes a value covered by a range from an uncovered value, `clamp?` doesn't feel same as `cover?` or `between?`, to me.

Extending `Comparable#between?` sounds nice.

#4 - 07/12/2023 05:14 AM - nobu (Nobuyoshi Nakada)

<https://github.com/ruby/ruby/pull/8056>

#5 - 07/13/2023 09:39 AM - matz (Yukihiro Matsumoto)

- Status changed from Open to Closed

This issue includes multiple proposals, and the rationale is only explained 'brain-friendly', which may vary person to person. Please make sure one issue contains only one proposal, with subjective rationale or real world use-cases.

For this particular case, I am not convinced by any of the proposals.

Matz.