

Ruby master - Feature #5006

Allow ~> as a method

07/09/2011 09:42 PM - trans (Thomas Sawyer)

Status:	Rejected
Priority:	Normal
Assignee:	matz (Yukihiro Matsumoto)
Target version:	
Description	
It occurs to me that since RubyGems uses ~> as a recognized version constraint operator (along with >, <, >= and <=) it would be nice if Ruby supported it as a valid method. Ultimately RubyGems could use the new method in it's code. But more generally it could be useful too, as it has a couple of nice features, namely the '~' part can be thought of as meaning "approximate", and as a whole it looks like a pointing arrow.	

History

#1 - 03/25/2012 04:45 PM - mame (Yusuke Endoh)

- Status changed from Open to Assigned
- Assignee set to matz (Yukihiro Matsumoto)

#2 - 03/27/2012 01:36 AM - mame (Yusuke Endoh)

- Status changed from Assigned to Rejected

Hello,

This syntax would bring ambiguity.
Consider "0.~>1". This can parse as:

```
0.send("~>", 1)
```

as well as:

```
0.send("~") > 1
```

. So I close this ticket as Rejected.

There are some incomplete or arguable points in this proposal.

- Doesn't Ruby define builtin Integer#~> ? And what's the behavior?
If Ruby does not provide Integer#~>, this feature will encourage users to define their own Integer#~>, which will bring collision and confusion.
- An inversion method <~ will be needed. This also brings additional parsing ambiguities.
- The looking is awkward with Japanese font, because a tilde character is printed as superscript ;-)

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