

## Ruby - Feature #5695

### CoffeeScript "is" and "isnt" keywords

12/02/2011 03:52 AM - sunaku (Suraj Kurapati)

|                                                                                                                                                                                                                                                                                                                                                         |          |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--|
| <b>Status:</b>                                                                                                                                                                                                                                                                                                                                          | Rejected |  |
| <b>Priority:</b>                                                                                                                                                                                                                                                                                                                                        | Normal   |  |
| <b>Assignee:</b>                                                                                                                                                                                                                                                                                                                                        |          |  |
| <b>Target version:</b>                                                                                                                                                                                                                                                                                                                                  | 3.0      |  |
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                      |          |  |
| Hello,                                                                                                                                                                                                                                                                                                                                                  |          |  |
| <p>Please add "is" and "isnt" keywords, which behave like the "==" and "!=" operators respectively, to Ruby. These keywords come from the CoffeeScript language. They are useful to prevent accidental assignment (forgetting a "=" in "==") and they preserve reading order, unlike inverted "if 5 == x" expressions known as "Yoda conditionals".</p> |          |  |
| Thanks for your consideration.                                                                                                                                                                                                                                                                                                                          |          |  |

#### History

##### #1 - 12/02/2011 07:06 AM - drbrain (Eric Hodel)

=begin

This would break compatibility with RubyGems:

```
$ egrep '\bis' lib/rubygems/package/tar_input.rb | grep -v '#'
```

```
is = new io, security_policy
```

```
yield is
```

```
is.close if is
```

```
is = zipped_stream entry
```

```
Gem::Package::TarReader.new is do |inner|
```

```
is.close if is
```

```
is = StringIO.new(dis)
```

```
is = StringIO.new(zis.inflate(entry.read))
```

=end

##### #2 - 12/02/2011 07:59 AM - wycats (Yehuda Katz)

I'm not in favor of this proposal, but I don't think it would break these cases, because they are not of the form foo is bar. It would, however, break this case:

```
def foo; end
```

```
def is(*); end
```

```
foo is 1
```

Yehuda Katz

(ph) 718.877.1325

On Thu, Dec 1, 2011 at 2:07 PM, Eric Hodel [drbrain@segment7.net](mailto:drbrain@segment7.net) wrote:

Issue [#5695](#) has been updated by Eric Hodel.

=begin

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=end

---

Feature [#5695](#): CoffeeScript "is" and "isnt" keywords  
<http://redmine.ruby-lang.org/issues/5695>

Author: Suraj Kurapati  
Status: Open  
Priority: Normal  
Assignee:  
Category:  
Target version:

Hello,

Please add "is" and "isnt" keywords, which behave like the "==" and "!=" operators respectively, to Ruby. These keywords come from the CoffeeScript language. They are useful to prevent accidental assignment (forgetting a "=" in "==") and they preserve reading order, unlike inverted "if 5 == x" expressions known as "Yoda conditionals".

Thanks for your consideration.

--  
<http://redmine.ruby-lang.org>

### #3 - 12/05/2011 08:23 PM - regularfry (Alex Young)

On 01/12/11 18:52, Suraj Kurapati wrote:

Issue [#5695](#) has been reported by Suraj Kurapati.

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Feature [#5695](#): CoffeeScript "is" and "isnt" keywords  
<http://redmine.ruby-lang.org/issues/5695>

Author: Suraj Kurapati  
Status: Open  
Priority: Normal  
Assignee:  
Category:  
Target version:

Hello,

Please add "is" and "isnt" keywords, which behave like the "==" and "!=" operators respectively, to Ruby. These keywords come from the CoffeeScript language. They are useful to prevent accidental assignment (forgetting a "=" in "==") and they preserve reading order, unlike inverted "if 5 == x" expressions known as "Yoda conditionals".

Wouldn't it make more sense to have "is" use "==="? Then you could say, for instance, "if x is Numeric". "is" could then be syntax sugar for "case...when", and "isnt" could be implemented as the corresponding "else".

--  
Alex

### #4 - 12/07/2011 12:53 AM - trans (Thomas Sawyer)

Indeed, I have aliased #is to #include and aliased #is? as #=== before

```
class Collection
  is Enumerable
end
```

Collection.is? Enumerable

Which I find exceptionally readable.

### #5 - 03/28/2012 01:03 AM - mame (Yusuke Endoh)

- Status changed from Open to Rejected  
- Priority changed from Normal to 3

- *Target version set to 3.0*

I strongly believe that this proposal has no hope.

--

Yusuke Endoh [mame@tsg.ne.jp](mailto:mame@tsg.ne.jp)