Ruby master - Feature #13630

[:] method should accept block in nice syntax

06/03/2017 12:24 PM - khoan (khoa nguyen)

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**Description**

```ruby
# given
module Bam
  def self.[](bam)
    yield bam
  end
end

# SyntaxError: unexpected keyword_do_block
Bam['bam']. do |b|
  puts b
end

# SyntaxError: unexpected { arg, expecting end-of-input
Bam['bam'] { |b|
  puts b
}

# Valid but more verbose
Bam.[](bam) do |b|
  puts b
end

Bam.[](bam) { |b|
  puts b
}
```

**History**

#1 - 06/03/2017 04:39 PM - shevegen (Robert A. Heiler)

I agree. I always wondered about this too.

I did not make a suggestion like this because I suspect that one reason may be a parser issue, as otherwise it would most likely have been done already.

In particular for elements without any arguments like:

```ruby
Bam.[]( |b| puts b )
```

Or more verbose to use your example:

```ruby
module Bam
  def self.[](bam=42)
    yield bam
  end
end

Bam.[]( |b| puts b ) #=> 42

Bam[]( |b| puts b ) #=> SyntaxError: (irb):14: syntax error, unexpected { arg, expecting end-of-input
```

Only difference here between failure and success is one lonely ".". I am not sure if it is technically possible to get rid of the ",", but if it would be possible, that would be great. The "." visually disturbs me when I see [] ... but not at other places, it's weird. :D

Edit: Ok, my example was not good but I guess the difference between [] and [] can be seen which is the main point.
#2 - 08/31/2017 05:25 AM - nobu (Nobuyoshi Nakada)
The trunk accepts a block after [] now.

#3 - 09/25/2017 12:18 PM - shyouhei (Shyouhei Urabe)
- Status changed from Open to Closed

We looked at this at a developer meeting today and confirmed that this is already done.

#4 - 09/25/2017 01:31 PM - matz (Yukihiro Matsumoto)
And now mruby does too.

Matz.