RARE AND OBSCURE RUBY

by Jonathan Arnett (J3RN)

RUBY 2 KEYWORD ARGUMENTS

NOT USING KEYWORD ARGUMENTS

```
def foo(options = {})
  bar = options.fetch(:bar, 'default')
  puts bar
end

foo
# default
foo(bar: 'baz')
# baz
```

REAL WORLD EXAMPLE

(Tmuxinator)

KEYWORD ARGUMENTS

```
def foo(bar: 'default')
  puts bar
end

foo
# default
foo(bar: 'baz')
# baz
```

RUBY 2.1 REQUIRED KEYWORD ARGUMENTS

```
def foo(bar:)
  puts bar
end

foo # => ArgumentError: missing keyword: bar
foo(bar: 'baz')
# baz
```

KEYWORD ARGUMENTS ARE GOOD!

Use them in your code.

BLOCKS, PROCS, AND LAMBDAS



BLOCKS

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[1, 2, 3].map { |x| x ** 2 }
test "anything makes sense these days" do
   assert true == true
end
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square = Proc.new { |x| x ** 2 } square.call(5) #=> 25
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LAMBDAS

```
square = lambda { |x| x ** 2 }
square.call(5) \#=> 25
```

THE PLOT THICKENS...

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[1, 2, 3, 4].map { |x, y, z| x ** 2 } #=> [1, 4, 9, 16]
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Arity checking is good. Use lambdas.

BLOCK TO PROC CONVERSION

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  block.inspect
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This is a thing that you can do.

It is physically possible to do this in your code.

PROC/LAMBDA CLOSURES

```
def raise_to_power(power)
  lambda { |base| base ** power }
end

cube = raise_to_power(3)
cube.call(4) #=> 64
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Why would you use this in your code?

PROC METHOD RETURNS

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def foo
  Proc.new { return }.call
  "Hello, world!"
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def foo
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This only works for procs.

Please don't use this in your code.

THE: NAMESPACE RESOLUTION OPERATOR

```
class Foobar; end

module Barbaz
  class Foobar; end

Foobar #=> Barbaz::Foobar
  ::Foobar #=> Foobar
end
```

THE PLOT DOESN'T THICKEN

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I'm just curious what caused you to need this.

CASE EQUALITY

GENERAL EXAMPLE

```
class Foo
  def ===(obj)
    obj == 1
  end
end

foo = Foo.new
foo === 1 #=> true
foo == 1 #=> false
```

CASE STATEMENT

```
case 1
when foo
  puts "Everything is weird"
else
  puts "Everything is broken"
end
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• In Ruby, there's equal?, eql?, ==, and ===. They all do different things. This will, one day, drive someone insane. Make sure it's not you.

HASH EQUALITY .EQL?

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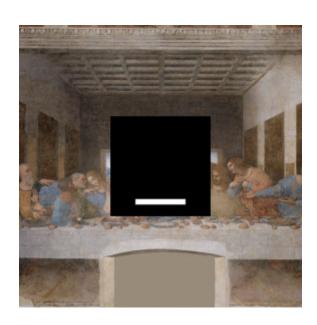
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- The primary exceptions are Numeric types, in which == does type conversion, but eql? does not.
 No. I don't think so. Let's not.

THE LAST VALUE



Person.last #=> #<Person id: 5894674, name-last: "Nunez" ...>

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nunez = _ #=> #<Person id: 5894674, name-last: "Nunez" ...>

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- In files, is just a normal variable.
- Don't use as a variable in your code

METHOD MISSING

```
class Foobar
  def method_missing(name)
    name.to_s
  end
end

foo = Foobar.new
foo.supercalifragilisticexpialidocious #=> "supercalifragilist
```

 respond_to does not understand method_missing.

foo.respond_to?(:supercalifragilisticexpialidocious) #=> fa

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A developer searching for

def supercalifragilisticexpialidocious

will never find it.

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Try not to use method_missing in your code.

NIL PIPE

THE "TRUTHINESS" OPERATOR

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THE PLOT GETS NO THICKER

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Why would you use this in your code?

