JavaScript as a language is Not Verbose
Good JS is
Good JS is Concise
CoffeeScript is

“Just JS”
CoffeeScript writes

Good JS
CoffeeScript is Spartan!
a new battle!

http://www.flickr.com/photos/pshab/1578426589/
the closest I’ve felt to the power I had 20 years ago in Smalltalk

~Ward Cunningham
it was the first time I experienced language envy

~DHH
I use both

~Brendan Eich
function foo() {
}

this
foo = function() {
    return 1 + 1;
}
foo = () ->
1 + 1
bar = function(x) {
    return x + 1;
}
\text{bar} = (x) \rightarrow x + 1
_.bind(fn, obj)

http://coffeescript.org#fat_arrow
http://underscorejs.org/#bind
baz = () => this.foo()
foz = () =>

@foo()
$ ->

new ItemsRouter()
Backbone.history.history.start()
$ ->

new ItemsRouter()
Backbone.history.history.start()
more features
indents are scope
Return implicitly statements last
all vars local by default
easier
object
syntax
title: "Sparta!"

author:
  name: "Leonidas"
  handle: "theking"

apples: 1
string interpolation
var html = "<option value='" + this.id + "'>" +
this.get("title") +
"</option>";
"<option value='#{@id}'>#{@get("title")}</option>"
"<option value='#{@id}'>
#{@get("title")}
</option>"
inheritance
actually works works works
class Item extends Backbone.Model
  url: ->
    "/events/#{@id}"
loops are less painful
nums = [4, 5, 6]

for i in nums
    console.log i

4
5
6
comprehensions
compact
code
nums = [1, 2, 3]
[ 1, 2, 3 ]

sq = (n * n for n in nums)
[ 1, 4, 9 ]
nums = [1, 2, 3]
[ 1, 2, 3 ]

sq = (n * n for n in nums)
[ 1, 4, 9 ]
conditionals and loops can be inline
console.log("Sparta!") if true
Sparta!

console.log("Persia!") unless false
Sparta!
x = 6

6

x += 1 while x < 10
[ 7, 8, 9, 10 ]

x

10
get existential
spear?
false

spear = -> "Throw!"

[Function]

spear?
true
window.bcx ?? {}
startWaiting: ->
  @$container.addClass "waiting",
  300

stopWaiting: ->
  if @waitTimeout?
    clearTimeout @waitTimeout
    @waitTimeout = null
  @$container.removeClass "waiting"
meet your enemies
making coffee

- Rails: http://guides.rubyonrails.org/asset_pipeline.html
- Jekyll & Rake: https://gist.github.com/4496420
- Node: npm install coffee
- Anything else: Less.app http://incident57.com/less/
debugging is not terrible
```javascript
class Foobar
  initialize: ->
    @calculate()

  calculate: ->
    return 6 * 7

foo = new Foobar()
console.log 'initialized class'
```

`initialized class` at `:3000/source_maps/foobar.js.coffee:10`
some
silly
keywords
yes, true, on
no, false, off
more info

- [http://coffeescript.org](http://coffeescript.org)