

*“any style guide written in English is either so brief that it’s ambiguous, or so long that no one reads it.”*

*— Bob Nystrom, Dart team*

# Motivation

## The dream



**Auld Klang Syne**

@viktorklang

 Follow

Code style should not be enforced by review, but by automate rewriting. Evolve the style using PRs against the rewriting config.

RETWEETS

15

LIKES

28



9:00 AM - 7 Feb 2016

# Motivation

- Code review.
- Consistent style.
- Refactoring.

# Interface

```
trait Style {  
  def maxColumn: Int = 80  
  def indent: Int = 2  
  ...  
}  
  
object ScalaFmt {  
  def format(code: String, style: Style): String  
}
```

# Term apply

```
40 columns |
MyObject (config.getBoolean("shortKey"),
          config.getString("reallyReallyReallyLongKey"),
          liveAnalysis.check(options.has("live"),
                              options.has("analysis")))
```

>>>

```
MyObject (
  config.getBoolean("shortKey"),
  config.getString(
    "reallyReallyReallyLongKey"),
  liveAnalysis
    .check(options.has("live"),
            options.has("analysis")))
```

# If expression

```
40 columns |
val newColumn = if(split == Newline) newIndent
               else column + split.length

>>>
val newColumn =
  if (split == Newline) newIndent
  else column + split.length
```

# Pattern matching

```
40 columns |
case SuperDuperCool (aaaaaaa, bbbbbbb) if banana > orange =>
  danger()
>>>
case SuperDuperCool (aaaaaaa, bbbbbbb)
  if banana > orange =>
    danger()
```

# How it works

1. `function(aaaaa, bbbbbb.cccccc(ddddd))`
2. `function(  
 aaaaa, bbbbbb.cccccc(ddddd))`
3. `function(aaaaa,  
 bbbbbb.cccccc(ddddd))`
4. `function(  
 aaaaa,  
 bbbbbb.cccccc(ddddd))`
5. `function(  
 aaaaa,  
 bbbbbb  
 .ccccc(ddddd))`
6. `function(  
 aaaaa,  
 bbbbbb.cccccc(  
 dddd))`