

Scalafmt

Pretty-printing Scala

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Overview

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2 Scalafmt

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Motivation

“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.

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Interface

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

Multiple arguments

```
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")))
```


Inline if assignment

```
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()
```

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• ???

The End

Thank you!