

# Coding in color (の紹介)

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Coding in color

<https://medium.com/@evnbr/coding-in-color-3a6db2743a1e>

# Coding in color

How to make syntax highlighting more useful

This is what syntax highlighting looks like for most of us.

```
function shuffle(array) {  
  var currentIndex = array.length  
    , temporaryValue  
    , randomIndex  
    ;  
  
  // While there remain elements to shuffle...  
  while (0 !== currentIndex) {  
  
    // Pick a remaining element...  
    randomIndex = Math.floor(Math.random() * currentIndex);  
    currentIndex -= 1;  
  
    // And swap it with the current element.  
    temporaryValue = array[currentIndex];  
    array[currentIndex] = array[randomIndex];  
    array[randomIndex] = temporaryValue;  
  }  
  
  return array;  
}
```

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<https://visualstudiomagazine.com/articles/2014/08/01/.....>

The image shows a screenshot of the Visual Studio Magazine website. The header features the 'Visual Studio Magazine' logo on a purple background. To the right, there is an 'EXPAND MENU FOR MORE TOPICS' button and three category tiles: 'Visual Studio' (grey), 'C#/VB' (green), and '.NET' (dark green). Below the header is a navigation bar with links for HOME, NEWSLETTERS, WHITEPAPERS, WEBCASTS, PDF BACK ISSUES, and ADVERTISING. The main content area displays the article title 'SEMANTIC CODE HIGHLIGHTING' under the sub-header 'VISUAL STUDIO TOOLBOX'. Social sharing buttons for Google+, Twitter, LinkedIn, and Facebook are visible, along with their respective counts (1, 0, 8, 0). The article's main text begins with an italicized paragraph: 'We often take syntax highlighting for granted -- it just makes code so much more readable that it's become hard to live without. I'll take a look at a little history behind it and some new developments that might make code coloring even more useful.' The author's name 'By Terrence Dorsey' and the date '08/07/2014' are listed at the bottom.

コードをエディタで  
開いた時

色がついてますか？

# コードハイライティング

```
for i = 0 to 100
  sum = sum + i
next
```

色なんて付くわけがない

今日の話は  
このあたり?

```
$text_area = document.querySelector("#text")
$output = document.querySelector("#output")
$mistake = document.querySelector("#mistake")
```

キーワードと正規表現

```
public void instanceMethod() {}
public static void classMethod() {}

public void foo() {
  this.instanceMethod();
  AClass.classMethod();
}
```

staticメソッドは  
イタリック

ちゃんと構文解析する

## □ オフィシャルデモ

<http://brooks.io/syntax-highlight/v2/>

# どうということ?

## □ 識別子ごとに色を変える

```
a  
ab  
abc  
abcd  
abcde
```



# どうということ?

- 淡色系を識別子にあてる  
(クッキリした色はシンタックス系のハイライトのために残してある)
- 同じprefixを持つと近い色になる



# なにがうれしい?

```
var currentIndex = 0;  
currentIndex++;
```

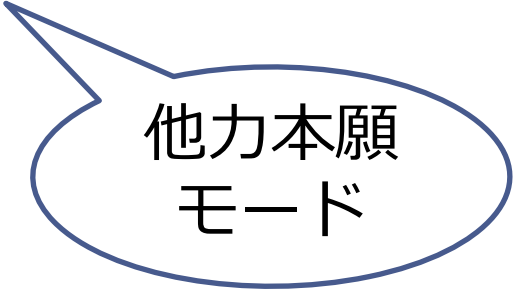
- typoすると違う色がつく  
→気づきやすい

- 普通、補完するし.....  
→同意
- チカチカして目が痛くない?  
→同意
- 実は本気で使おうとは思っていない

- 使いどころを選べばうれしいこともあると思うんですよ
- grepの結果がこうなったら嬉しいなあ

```
untitled/src/AClass.java:      public s
untitled/src/AClass.java:      ACla
untitled/src/InitTest.java:      m.
untitled/src/InitTest.java:      public
untitled1/src/AClass.java:      public
untitled1/src/AClass.java:      ACL
untitled1/src/InitTest.java:      m
untitled1/src/InitTest.java:      publi
```

誰かの  
インスピレーションの  
源になったら  
幸せ



他力本願  
モード