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# Style-Guidelines

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### Python Code Style GuideLine

- **PEP 8**

- :

4

- :

79

- :

“, ‘, = 4

```
this_is_a_very_long(function_call, 'with many parameters') \
    .that_returns_an_object_with_an_attribute
```

```
MyModel.query.filter(MyModel.scalar > 120) \
    .order_by(MyModel.name.desc()) \
    .limit(10)
```

,

```
this_is_a_very_long(function_call, 'with many parameters',
    23, 42, 'and even more')
```

(lists)(tuples), :

```
items = [
    'this is the first', 'set of items', 'with more items',
```

```
    'to come in this line', 'like this'
]
```

- :
- :

```
def hello(name):
    print 'Hello %s!' % name

def goodbye(name):
    print 'See you %s.' % name

class MyClass(object):
    """This is a simple docstring"""

    def __init__(self, name):
        self.name = name

    def get_annoying_name(self):
        return self.name.upper() + '!!!!111'
```

- - (e.g.: -, ~ etc.)
- 

Good:

```
exp = -1.05
value = (item_value / item_count) * offset / exp
value = my_list[index]
value = my_dict['key']
```

Bad:

```
exp = - 1.05
value = ( item_value / item_count ) * offset / exp
value = (item_value/item_count)*offset/exp
value=( item_value/item_count ) * offset/exp
value = my_list[ index ]
value = my_dict [ 'key' ]
```

- Good:

```
if method == 'md5':
    pass
```

Bad:

```
if 'md5' == method:
    pass
```

- - : == !=



```

    - is is not (eg: foo is not None)
    - True False (foo == False, not foo)
• :
    foo not in bar not foo in bar
• :
    isinstance(a, C) type(A) is C,

• : CamelCase, (HTTPWriter HttpWriter)
• : lowercase_with_underscores
• : lowercase_with_underscores
• : UPPERCASE_WITH_UNDERSCORES
• : name_re
""" ""
:

    • : cls
    • : self
    • lambdas x display_name = property(lambda x: x.real_name or x.username)

```

: reStructuredText :

```

def foo():
    """This is a simple docstring"""

def bar():
    """This is a longer docstring with so much information in there
    that it spans three lines. In this case the closing triple quote
    is on its own line.
    """

```

uf8 encoding:

```

# -*- coding: utf-8 -*-
"""
    package.module
    ~~~~~~

    A brief description goes here.

"""

```

```
class User(object):  
    #: the name of the user as unicode string  
    name = Column(String)  
    #: the sha1 hash of the password + inline salt  
    pw_hash = Column(String)
```

### Links

- [PEP8 Style Guide for Python Code](#)
- [Flask Styleguide](#)
- [Google Python Style Guide](#)

## Ruby Code Style GuideLine

### Rails style guideline

#### Rails Code Style GuideLine

### Links

- [rails style guide](#)

### Links

- [ruby style guide](#)
- [The Unofficial Ruby Usage Guide](#)

## Objective-C Style Guide

### Links

- [Google Objective-C Style Guide](#)

## JavaScript StyleGuide

### Links

- [Google JavaScript Style Guide](#)
- [JQuery Core Style Guidelines](#)

# CSS Code Guideline

- - CSS
  - 
  - “{” “}”
  - selector

```
.selector1,  
.selector2,  
.selector3 { property:value; }
```

- ```
-webkit-border-radius:4px;-moz-border-radius:4px;border-radius: 4px;
```

```
/* =home-page  
----- */  
/* =intro  
----- */  
#home-page #intro {  
    ...  
}  
/* ----- */  
  
/* =featured articles & popular articles  
----- */  
#home-page #featured-articles, #home-page #popular-articles {  
    ...  
}  
/* ----- */  
/* ----- */
```

- IDClass”-“
  - IDID #db-video-list
  - Class.list
  - class

|  |                                                         |
|--|---------------------------------------------------------|
|  | <i>.on, .active, selected, .hili</i>                    |
|  | <i>.first, .last, .main, .side</i>                      |
|  | <i>.hd, .bd, .ft, .col, .section</i>                    |
|  | <i>.tb, .frm, .nav, .list, .item, .tag, .pic, .info</i> |

- CSS Hack

|           |                         |
|-----------|-------------------------|
| IE6       | <i>_property:value</i>  |
| IE6/7     | <i>*property:value</i>  |
| IE6/7/8/9 | <i>property:value9</i>  |
| IE6       | <i>property//:value</i> |

|                      |                                                                                                                     |
|----------------------|---------------------------------------------------------------------------------------------------------------------|
| IE6                  | <i>* html selector { ... }</i>                                                                                      |
| IE7                  | <i>*:first-child+html selector { ... }</i>                                                                          |
| IE6                  | <i>html&gt;body selector { ... }</i>                                                                                |
| firefox only         | <i>@-moz-document url-prefix() { ... }</i>                                                                          |
| – saf3+/chrome1+     | <i>@media all and (-webkit-min-device-pixel-ratio:0) { ... }</i>                                                    |
| opera only           | <i>@media all and (-webkit-min-device-pixel-ratio:10000),not all and (-webkit-min-device-pixel-ratio:0) { ... }</i> |
| iPhone/mobile webkit | <i>@media screen and (max-device-width: 480px) { ... }</i>                                                          |

- ‘after’‘overflow’

- CSSheadCSSCSS()CSS()CSSCSS

- ```
body > * {...}
ul > li > a {...}
#footer > h3 {...}
ul#top_blue_nav {...}
#searbar span.submit a { ... }
```

- filter
- *: div { ... }*
- *: <div style="margin-bottom:30px;">*
- CSS *expression*
- CSS *@import*
- CSS *!important*
- CSS “\*”

## Links

- CSS
- [inuit.css](#) is a pragmatic, production-ready CSS framework.
- [How to Manage CSS Explosion](#)
- [Best Practices - CSS Stylesheet Formatting](#)
- [CSS Standards & Best Practices](#)
- [Create Maintainable Code with a CSS Styleguide](#)
- [CSS Best Practices](#)

## HTML

### Style Guide

- HTML ,
- ,

- (X)HTML Strict , Firefox [HTML Validator](#)
- . `<br>..</br><script /><iframe />`,
- JavaScript , `data-xx` (`data-lazyload-url`)

```
<!doctype html>
<html>
<head>
<meta charset="utf-8" />
<title>Sample page</title>
<link rel="stylesheet" href="css_example_url" />
</head>
<body>
  <div id="page">
    <div id="header">

      </div>
      <div id="content">

      </div>
      <div id="footer">

      </div>
    </div>
    <script>
    //
    </script>
  </body>
<script src="js_example_url"></script>
</html>
```

## DOCTYPE

HTML5 DOCTYPE.

```
<!doctype html>
```

HTML5.

```
<meta charset="utf-8" />
```

10, .

```
<div id="sample">
  ...
</div> <!-- #sample END -->
```

```
<div class="sample">
...
</div> <!-- .sample END -->
```

- - p . , ;
  - div , . ;
  - br ;
  - hr ;
  - h1-h6 . h1 ;
  - blockquote , . blockquote, blockquote ;
  - pre ;
- - title title ;
  - base ;
  - link link css , media(all) type(text/css) ;
  - style type text/css, ;
  - script type ; lang; <!-->hack, (Netscape 1Mosaic);
  - noscript JavaScript ;
- - a a href , href name ;
  - em,strong em , , ; strong , , strong, ;
  - abbr ;
  - sub,sup , sup;
  - span ;
  - ins,del ()
- - img img, ; imgalt;
  - object Flash;
- - dl , dddt; dtdddtdddtddtdd, ; /;
  - ul ;
  - ol , ;
  - li , ul/ol;
- - button input, type;
  - fieldset, legend
  - name action, enctype, method, novalidate, target, submit

## Newsletter Design style guide

### Links

- [How To Code HTML Email Newsletters \(All New Version\)](#)
- [Email design guidelines](#)
- [Guide to CSS support in email clients](#)
- [Email Testing and Email Preview](#)





## P

Python Enhancement Proposals

PEP 8, [3](#)