

Class Needs

Style Document

Python Style Guide

Code Layout:

- Maximum line length is 120 symbols
- 2 indents between classes and functions
- No whitespace inside parentheses, brackets, or braces.
 - # Good
 - spam(ham[1], {eggs: 2}, [])
 -
 - # Bad
 - spam(ham[1], { eggs: 2 },)
- Surround operators with single whitespace on either side.
 - # Good
 - x == 1
 -
 - # Bad
 - x<1

Naming:

- Use snake_case for modules, variables, attributes, functions, and method names, not CamelCase
 - Variable_name = "something"
- Use CamelCase for class names and fabrics
 - FunctionName()

Formatting:

- Always start a new block on a new line
 - # Good
 - if flag:
 - return None
 -
 - # Bad
 - if flag: return None

Comments:

- Describe complex, possibly incomprehensible points and side effects in the comments
- Separate comments and # with a whitespace
 - # good comment
 -
 - #bad comment

Avoid:

- global variables
- nested functions, they are hard to test and debug.
- Complex code without comments
- Left overs from code debugging

HTML Style Guide

Coding Conventions:

- Close All HTML Elements
- Always Quote Attribute Values
 - 1.Quoted values are easier to read
 - 2.Developers normally quote attribute values
 - 3.You MUST use quotes if the value contains spaces
- Always Specify alt, width, and height for Images
 - 1.Alt is important if the image for some reason cannot be displayed.
 - 2.The browser can reserve space for the image before loading when setting size for images.
- Spaces and Equal Signs

space-less is easier to read and groups entities better together.
- Avoid Long Code Lines
- Blank Lines and Indentation

For readability, add blank lines to separate large or logical code blocks.

For readability, add two spaces of indentation. Do not use the tab key.

Naming:

- Use Lowercase Element Names
 - 1.Mixing uppercase and lowercase names looks bad
 - 2.Lowercase looks cleaner
 - 3.Developers normally use lowercase names
- Use Lowercase Attribute Names
 - 1.Mixing uppercase and lowercase names looks bad
 - 2.Developers normally use lowercase names
 - 3.Lowercase are easier to write

