
































-  Secrets
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Python static code analysis

Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your PYTHON code

All rules 216


 Vulnerability 29













 Bug 55

 Security Hotspot 31

 Code Smell 101

Tags ▾

Search by name... 

	Code Smell
	Function parameters' default values should not be modified or assigned
	Code Smell
	Some special methods should return "NotImplemented" instead of raising "NotImplementedError"
	Code Smell
	Custom Exception classes should inherit from "Exception" or one of its subclasses
	Code Smell
	Bare "raise" statements should not be used in "finally" blocks
	Code Smell
	Arguments given to functions should be of an expected type
	Code Smell
	`str.replace` should be preferred to `re.sub`
	Code Smell
	Unread "private" attributes should be removed
	Code Smell
	Cognitive Complexity of functions should not be too high
	Code Smell
	The first argument to class methods should follow the naming convention
	Code Smell
	Method overrides should not change contracts
	Code Smell
	Wildcard imports should not be used
	Code Smell

Methods and field names should not differ only by capitalization

Analyze your code

 Code Smell

 Blocker 

 confusing

Looking at the set of methods and fields in a `class` and finding two that differ only by capitalization is confusing to users of the class.

This situation may simply indicate poor naming. Method names should be action-oriented, and thus contain a verb, which is unlikely in the case where both a method and a field have the same name (with or without capitalization differences). However, renaming a public method could be disruptive to callers. Therefore renaming the member is the recommended action.

Noncompliant Code Example

```
class SomeClass:
    lookUp = false
    def lookup():      # Non-compliant; method name differs
        pass
```


Compliant Solution

```
class SomeClass:
    lookUp = false
    def getLookUp():
        pass
```

Available In:

 |  | 


String literals should not be duplicated

 Code Smell

Functions and methods should not be empty

 Code Smell

Server-side requests should not be vulnerable to forging attacks

 Vulnerability

Non-empty statements should change control flow or have at least one side-effect

 Bug