
































-  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

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 Code Smell 101

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Functions should not have too many lines of code
 Code Smell
Track uses of "NOSONAR" comments
 Code Smell
Track comments matching a regular expression
 Code Smell
Statements should be on separate lines
 Code Smell
Functions should not contain too many return statements
 Code Smell
Files should not have too many lines of code
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Lines should not be too long
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Methods and properties that don't access instance data should be static
 Code Smell
New-style classes should be used
 Code Smell
Parentheses should not be used after certain keywords
 Code Smell
Track "TODO" and "FIXME" comments that do not contain a reference to a person
 Code Smell
Module names should comply with a naming convention

"return" and "yield" should not be used in the same function

Analyze your code

 Bug

 Blocker



Functions that use `yield` are known as "generators". Before Python 3.3, generators cannot return values. Similarly, functions that use `return` cannot use `yield`. Doing so will cause a `SyntaxError`.


Either upgrade your version of Python to a version `>= 3.3`, or don't use both `return` and `yield` in a function.

Noncompliant Code Example


```
def adder(n):
    num = 0
    while num < n:
        yield num
        num += 1
    return num #Noncompliant
```

Available In:


 |  | 

 Code Smell


Comments should not be located at the end of lines of code

 Code Smell

Lines should not end with trailing whitespaces

 Code Smell

Files should contain an empty newline at the end

 Code Smell

Long suffix "L" should be upper case

 Code Smell