



Text

TypeScript

T-SQL

VB.NET

VB₆

XML

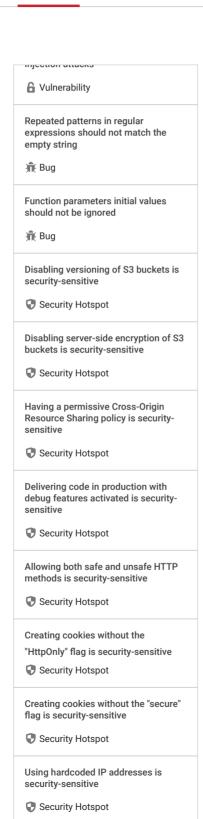


Python static code analysis

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

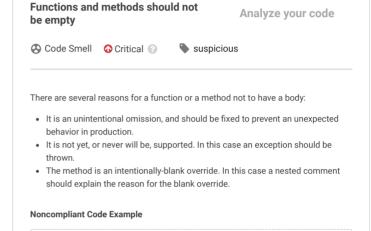


Tags



Regular expression quantifiers and

character classes should be used



Search by name...

Compliant Solution

pass

class MyClass:

pass

def myfunc1(foo="Noncompliant"):

def mymethod1(self, foo="Noncompliant"):

```
def myfunc1():
    pass # comment explaining why this function is empty
def myfunc2():
    raise NotImplementedError()
def myfunc3():
    Docstring explaining why this function is empty.
class MyClass:
   def mymethod1(self):
       pass # comment explaining why this function is empt
    def mymethod2(self):
        raise NotImplementedError()
    def mymethod3(self):
        Docstring explaining why this method is empty. Note
        which are meant to be subclassed.
```

Exceptions

No issue will be raised when the empty method is abstract and meant to be overriden in a subclass, i.e. it is decorated with abc.abstractmethod, abc.abstractstaticmethod, abc.abstractclassmethod or

concisely

Code Smell

Character classes should be preferred over reluctant quantifiers in regular expressions

Code Smell

A subclass should not be in the same "except" statement as a parent class

Code Smell

Walrus operator should not make code confusing

Code Smell

abc.abstractproperty. Note however that these methods should normally have a docstring explaining how subclasses should implement these methods.

```
import abc
class MyAbstractClass(abc.ABC):
    @abc.abstractproperty
    def myproperty(self):
       pass
    @abc.abstractclassmethod
    def myclassmethod(cls):
    @abc.abstractmethod
    def mymethod(self):
    @abc.abstractstaticmethod
    def mystaticmethod():
        pass
```

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