

# Pylint Error Customizer

## NAME

Pylint Error Customizer - A tool used to customize pylint errors.

## MODULE CONFIGURATION PARAMETERS

OUTPUT\_FILE  
FILTER\_OUTPUT\_FILE  
PYLINT\_VERSION

## SYNOPSIS

```
class PylintErrorCustomizer(base_dir=".")
```

## PUBLICLY AVAILABLE UTILITIES

```
find_pylint_errors(py_files=None)  
filter_pylint_errors(pattern)
```

## DESCRIPTION

This is a static analyzer tool which one can use to find python code errors and filter them based on a given regex pattern.

## Detailed Description

### **PylintErrorCustomizer()**

**Parameters** *base\_dir*: Base directory path for which user wants to find pylint errors. (Default: '.')

#### **Purpose**

It initialized a PylintErrorCustomizer object with the given parameters.

#### **Return Value**

None

### **find\_pylint\_errors(py\_files=None)**

#### **Parameters**

*py\_files*: A str, list or tuple object specifying python files for which user wants to find pylint errors, if *base\_dir* path is not set during PylintErrorCustomizer instantiation. (Default: None)

#### **Purpose**

Method is used to find pylint errors, a file named `pylint_errors.txt` will be generated after successful execution.

#### **Return Value**

None

### **filter\_pylint\_errors(pattern)**

#### **Parameters**

*pattern*: A regex pattern to filter errors.

#### **Purpose**

Method is used to filter pylint errors, A file named `filered_pylint_errors.txt` will be generated after successful execution.

This method is used to filter errors from `pylint_errors.txt` file previously generated, if one wants to provide his/her file, the file path can be set to `OUTPUT_FILE`.

#### **Return Value**

None

## CONFIGURATION PARAMETERS

*OUTPUT\_FILE*: File path to write all pylint errors. (Default: pylint\_errors.txt)

*FILTER\_OUTPUT\_FILE*: File path to write filtered pylint errors. (Default: filtered\_pylint\_errors.txt)

*PYLINT\_VERSION*: pylint version to be used. (Default: pylint3)