

python_自定义异常类

1. 定义异常

#coding=utf8

```
class Error(Exception):
    """Base class for utils in this module."""
    pass
```

```
class LengthError(Error):
    """Exception raised for length-problem in the input.
    """
    pass
```

```
class InputTypeError(Error):
    """Exception raised for type-problem in the input.
    """
    pass
```

```
class SizeTypeError(Error):
    """Exception raised for sizeType-problem in the input.
    """
    pass
```

```
class ListValueTypeError(Error):
    """Exception raised for errors in the input.
    Attributes:
        message -- explanation of the error
    """
```

```
    def __init__(self, message):
        self.message = message
```

2. 在程序导入相映的异常后，这样使用:

```
def func()
    if :
        CODE_BLOCK1
    else:
        raise TransitionError("User Body Size seems not Normal,please convert it mannuly")
```

在主程序中调用时:

```
try:
    func()
except TransitionError,e:
    print e.message
```

好处是可以在子程序中向主程序中发送消息(func 出现异常时向调用它的程序发送了一则消息，并且将错误信息message传到程序外)