The Test Procedure

Change the permission of the test file and then run the python test file

root@hezhi:/# chmod 777 /etc/watchdogapi_test.py

root@hezhi:/# python /etc/watchdogapi_test.py

The Test Result

root@hezhi:/# chmod 777 /etc/watchdogapi_test.py

root@hezhi:/# python /etc/watchdogapi_test.py

keep_alive: None

get_status: 0

get_boot_status: 0

get_timeout: 65

set_timeout: [Errno 22] Invalid argument

magic_close: OK

The Test Code

```
from __future__ import print_function
from watchdogapi import *


def test():
    wd = watchdog('/dev/watchdog')

    print('keep_alive:', end=' ')
    try:
        print(wd.keep_alive())
    except IOError as e:
        print(e)
```

```python
print('get_status:', end=' ')
try:
    print(wd.get_status())
except IOError as e:
    print(e)


print('get_boot_status:', end=' ')
try:
    print(wd.get_boot_status())
except IOError as e:
    print(e)


timeout = 60
print('get_timeout:', end=' ')
try:
    timeout = wd.get_timeout()
    print(timeout)
except IOError as e:
    print(e)


print('set_timeout:', end=' ')
try:
    for i in range(1, 65536):
        wd.set_timeout(i)
        assert(wd.get_timeout() == i)
    wd.set_timeout(timeout)
    print('OK')
except IOError as e:
    print(e)

print('magic_close:', end=' ')
```

```python
    try:
        wd.magic_close()
        print('OK')
    except IOError as e:
        print(e)


if __name__ == '__main__':
    test()
```