sysaudit

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Backport module of sys.audit and sys.addaudithook from Python 3.8.

Note: This module does *not* backport any of the built-in audit events.

CHAPTER

ONE

INSTALLATION

```
pip install sysaudit
```

CHAPTER

TWO

QUICK USAGE

sysaudit can be used as a drop-in replacement for *sys.audit* and *sys.addaudithook*.

```
import sysaudit

def hook(event, args):
    print("Event:", event, args)

sysaudit.addaudithook(hook)

sysaudit.audit("event_name", 1, 2, dict(key="value"))
# Event: event_name (1, 2, {'key': 'value'})
```

CHAPTER

THREE

API

`sysaudit.`**`audit`**(*event: str*, **args: typing.Any*) → None

Passes the event to any audit hooks that are attached via `addauditHook()`.

Parameters

- **event** (*str*) –
- ***args** (*typing.Any*) –

Return type None

```
sysaudit.audit("event_name", "any", "extra", dict(args="here"))
```

`sysaudit.`**`addauditHook`**(*hook: typing.Callable[[str, typing.Tuple[typing.Any, ...], None]]*) → None

Adds a new audit hook callback.

Parameters **hook** – Function to call with every event from `audit()`

Return type None

```
def hook(event: str, args: typing.Tuple[typing.Any, ...]) -> None:
    print("Event:", event, "Args:", args)


sysaudit.addauditHook(hook)

sysaudit.audit("event_name", 1, 2, 3)
# Event: event_name Args: (1, 2, 3)
```

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