
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.

INSTALLATION

```
pip install sysaudit
```


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'})
```


`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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