# diaper Documentation

***Release 1.1***

**Sean Myers**

**Jan 11, 2018**

# Contents

> **returns** Result of the function call if no exception is raised. Otherwise it returns None.

Usage:

```python
import diaper

# call it directly
diaper(function, *function_args, **function_kwargs)

# as a context manager
with diaper:
    do_terrible_things_here()

# see if the diaper caught anything:
with diaper:
    raise Exception
assert diaper.smelly

# diapers are automatically changed on use
with diaper:
    pass
assert not diaper.smelly

# diapers can be manually changed and (somehow) soiled
diaper.soil()
assert diaper.smelly

diaper.change()
assert not diaper.smelly

# diapers can be manipulated in the context with `as`
with diaper as nappy:
    # But, of course, this serves no useful purpose
    # Since you can just as easily manipulate diaper
    assert nappy is diaper
    if something_smells_funny:
        nappy.soil()
assert diaper.smelly and nappy.smelly

# diapers can be inspected with redundant properties
assert diaper.clean == not diaper.smelly
assert diaper.dirty == diaper.smelly

# diaper can be used as a decorator
@diaper.wrap
def explode():
    raise Exception
explode()
assert diaper.smelly
```

**Note:** diapers are probably thread-safe

# Python Module Index

d

# Index

## D

diaper (module), 1