
Simple Utilities Documentation

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Bench decorator

`decbench.bench(func)`

Decorator to time a function.

Parameters

- **f** (*function*) – The function to benchmark.
- **args** (*list*) – List of arguments for the function f.
- **kwargs** (*dict*) – Dictionary of positional arguments for f.

Returns real time to execute f and result of f

Return type `tuple`

Example:

```
>>> from time import sleep
>>> @bench
... def super_func(numbers):
...     sleep(1)
...     return numbers
>>> bench_time, func_res = super_func([3, 4, 5])
>>> 1. < bench_time < 1.1
True
>>> func_res
[3, 4, 5]
```

Fork decorator

`decfork.fork(n)`

Decorator to fork a function many times.

Parameters `n` (*int*) – number of forks to make.

Returns None

Example

```
>>> from time import sleep
>>> @fork(n=3)
... def my_func_to_fork():
...     print('Starting...')
...     sleep(1)
...     print('done')
>>> my_func_to_fork()
```

will output

```
'Starting...'
'Starting...'
'Starting...'
'done'
'done'
'done'
```

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