

# ADDITIONAL USES



## Pattern: Open - Close

Open File

operate on open file

Close File

Open socket

operate on socket

Close socket



## Pattern: Start - Stop

Start database transaction

perform database operations

Commit or rollback transaction

Start timer

perform operations

Stop timer



## Pattern: Lock - Release

acquire thread lock

perform some operations

release thread lock



## Pattern: Change - Reset

change Decimal context precision

perform some operations using the new precision

reset Decimal context precision back to original value

redirect stdout to a file

perform some operations that write to stdout

reset stdout to original value







## Pattern: Wacky Stuff!

```
with ListMaker(title='Items', prefix='- ',  
               indent=3, stdout='myfile.txt') as lm:
```

```
    lm.print('Item 1')
```

```
    with lm :
```

```
        lm.print('item 1a')
```

```
        lm.print('item 1b')
```

```
    lm.print('Item 2')
```

```
    with lm :
```

```
        lm.print('item 2a')
```

```
        lm.print('item 2b')
```

>> myfile.txt

Items

- Item 1

- item 1a

- item 1b

- Item 2

- item 2a

- item 2b



# Code Exercises