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# **pymox Documentation**

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**CONTENTS:**

|          |                           |          |
|----------|---------------------------|----------|
| <b>1</b> | <b>Basic usage</b>        | <b>3</b> |
| <b>2</b> | <b>Getting started</b>    | <b>5</b> |
| <b>3</b> | <b>Indices and tables</b> | <b>7</b> |



Pymox is an open source mock object framework for Python.



## BASIC USAGE

```
import mox
import unittest

class PersonTest(mox.MoxTestBase):

    def testUsingMox(self):
        # Create a mock Person
        mock_person = self.mox.CreateMock(Person)

        test_person = ...
        test_primary_key = ...
        unknown_person = ...

        # Expect InsertPerson to be called with test_person; return
        # test_primary_key at that point
        mock_person.InsertPerson(test_person).AndReturn(test_primary_key)

        # Raise an exception when this is called
        mock_person.DeletePerson(unknown_person).AndRaise(UnknownPersonError())

        # Switch from record mode to replay mode
        self.mox.ReplayAll()

        # Run the test
        ret_pk = mock_person.InsertPerson(test_person)
        self.assertEqual(test_primary_key, ret_pk)
        self.assertRaises(UnknownPersonError, mock_person.DeletePerson, unknown_person)
```





## GETTING STARTED

- Why use Pymox
- Installation
- Tutorial
- Examples
- Reference



## INDICES AND TABLES

- `genindex`
- `modindex`
- `search`