# an_example_pypi_project Documentation

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A pypi demonstration vehicle.

CHAPTER

# ONE

# USEFUL #1 – AUTO MEMBERS

This is something I want to say that is not in the docstring.

**class** an_example_pypi_project.useful_1.**MyPublicClass**(*foo*, *bar='baz'*)

We use this as a public class example class.

You never call this class before calling `public_fn_with_sphinxy_docstring()`.

---

**Note:** An example of intersphinx is this: you **cannot** use `pickle` on this class.

---

**get_foobar**(*foo*, *bar=True*)

This gets the foobar

This really should have a full function definition, but I am too lazy.

```
>>> print get_foobar(10, 20)
30
>>> print get_foobar('a', 'b')
ab
```

Isn't that what you want?

an_example_pypi_project.useful_1.**public_fn_with_googley_docstring**(*name*, *state=None*)

This function does something.

**Args:** name (str): The name to use.

**Kwargs:** state (bool): Current state to be in.

**Returns:** int. The return code:

```
0 -- Success!
1 -- No good.
2 -- Try again.
```

**Raises:** AttributeError, KeyError

A really great idea. A way you might use me is

```
>>> print public_fn_with_googley_docstring(name='foo', state=None)
0
```

BTW, this always returns 0. **NEVER** use with `MyPublicClass`.

an_example_pypi_project.useful_1.**public_fn_with_sphinxy_docstring**(*name*, *state=None*)

This function does something.

**Parameters**

- **name** (*str.*) – The name to use.
- **state** (*bool.*) – Current state to be in.

**Returns** int – the return code.

**Raises** AttributeError, KeyError

CHAPTER

TWO

# USEFUL #2 – EXPLICIT MEMBERS

This is something I want to say that is not in the docstring.

an_example_pypi_project.useful_2.**public_fn_with_sphinxy_docstring**(*name*, *state=None*)

This function does something.

**Parameters**

- **name** (*str.*) – The name to use.
- **state** (*bool.*) – Current state to be in.

**Returns** int – the return code.

**Raises** AttributeError, KeyError

an_example_pypi_project.useful_2.**_private_fn_with_docstring**(*foo*, *bar='baz'*, *foobarbas=None*)

I have a docstring, but won't be imported if you just use `:members:`.

**class** an_example_pypi_project.useful_2.**MyPublicClass**(*foo*, *bar='baz'*)

We use this as a public class example class.

You never call this class before calling `public_fn_with_sphinxy_docstring()`.

---

**Note:** An example of intersphinx is this: you **cannot** use `pickle` on this class.

---

**_get_baz**(*baz=None*)

A private function to get baz.

This really should have a full function definition, but I am too lazy.

**get_foobar**(*foo*, *bar=True*)

This gets the foobar

This really should have a full function definition, but I am too lazy.

```
>>> print get_foobar(10, 20)
30
>>> print get_foobar('a', 'b')
ab
```

Isn't that what you want?

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