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# **a-python-package**

***Release 0.0.9***

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**Mar 03, 2021**



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This is an example Python package.

```
import foo
assert foo.bar.baz(3, 4) == 5
```



## INSTALLATION

To install from PyPI:

```
pip install a-python-package
```

To install from Anaconda Cloud:

```
conda install -c mattmolinare a-python-package
```

## 1.1 API Reference

### 1.1.1 Package `foo`

#### Module `foo.bar`

A Python module.

`foo.bar.baz(a, b=None)`

A Python function.

Here is some math:

$$a^2 + b^2 = c^2$$

#### Parameters

**a** [`array_like`] An `array_like` parameter.

**b** [`None` or `array_like`, optional] An optional `array_like` parameter. If `None` (default), use *a*.

#### Returns

**c** [`ndarray`] An array.

## Examples

```
>>> a = 3
>>> b = [4]
>>> foo.bar.baz(a, b)
array([5.])
>>> foo.bar.baz(a)
4.242640687119285
```



## PYTHON MODULE INDEX

### f

`foo.bar`, 3



## INDEX

### B

`baz()` (*in module `foo.bar`*), 3

### F

`foo.bar`  
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