MyProject Documentation

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EXAMPLE

This is the docstring for the example.py module. Modules names should have short, all-lowercase names. The module name may have underscores if this improves readability.

Every module should have a docstring at the very top of the file. The module's docstring may extend over multiple lines. If your docstring does extend over multiple lines, the closing three quotation marks must be on a line by itself, preferably preceded by a blank line.

`example.example.`**`foo`**`(`*var1*, *var2*, *long_var_name='hi'*`)`
> A one-line summary that does not use variable names or the function name.

> Several sentences providing an extended description. Refer to variables using back-ticks, e.g. *var*.

> **Parameters**
>> **var1** [array_like] Array_like means all those objects – lists, nested lists, etc. – that can be converted to an array. We can also refer to variables like *var1*.
>>
>> **var2** [int] The type above can either refer to an actual Python type (e.g. `int`), or describe the type of the variable in more detail, e.g. `(N,)` `ndarray` or `array_like`.
>>
>> **long_var_name** [{'hi', 'ho'}, optional] Choices in brackets, default first when optional.
>
> **Returns**
>> **type** Explanation of anonymous return value of type `type`.
>>
>> **describe** [type] Explanation of return value named *describe*.
>>
>> **out** [type] Explanation of *out*.
>>
>> **type_without_description**
>
> **Other Parameters**
>> **only_seldom_used_keywords** [type] Explanation
>>
>> **common_parameters_listed_above** [type] Explanation
>
> **Raises**
>> **BadException** Because you shouldn't have done that.

See also:

`otherfunc` relationship (optional)

`newfunc` Relationship (optional), which could be fairly long, in which case the line wraps here.

`thirdfunc, fourthfunc, fifthfunc`

Notes

Notes about the implementation algorithm (if needed).

This can have multiple paragraphs.

You may include some math:

$$X(e^{j\omega}) = x(n)e^{-j\omega n}$$

And even use a greek symbol like $omega$ inline.

References

Cite the relevant literature, e.g. *[1]*. You may also cite these references in the notes section above.

[1]

Examples

These are written in doctest format, and should illustrate how to use the function.

```
>>> a = [1, 2, 3]
>>> print [x + 3 for x in a]
[4, 5, 6]
>>> print "a\n\nb"
a

b
```

SUBMODULE

a random function

used to test the subMod documentation

`subMod.test.`**`func`**(*arg1*, *arg2*)
> Summary line.
>
> Extended description of function.
>
> > **Parameters**
> > > **arg1** [int] Description of arg1
> > >
> > > **arg2** [str] Description of arg2
> >
> > **Returns**
> > > **bool** Description of return value

INDICES AND TABLES

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BIBLIOGRAPHY

[1] O. McNoleg, "The integration of GIS, remote sensing, expert systems and adaptive co-kriging for environmental habitat modelling of the Highland Haggis using object-oriented, fuzzy-logic and neural-network techniques," Computers & Geosciences, vol. 22, pp. 585-588, 1996.

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