extras-require-demos

Release 1.0.0

Demonstrations of the “extras_require” Sphinx extension.

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Apr 26, 2024

Demos

I Demos 1

1 extras_require_demos.pkginfo_subpackage 3
1.1 function_b 3

2 extras_require_demos.requirements_txt_subpackage 5
2.1 function_a 5

3 extras_require_demos.setup_cfg_subpackage 7
3.1 function_c 7

4 extras_require_demos.manual_subpackage 9
4.1 function_d 9

Python Module Index 11

Index 13

Part I

Demos

Chapter

ONE

extras_require_demos.pkginfo_subpackage

This is an example of defining requirements in a `__pkginfo__.py` file.

It was created with the following code:

```
.. extras-require:: extra_b
    :__pkginfo__:
```

Attention: This module has the following additional requirements:

```
click<7.1.2
flask>=1.1.2
sphinx==3.0.3
```

These can be installed as follows:

```
$ python -m pip install extras-require-demos[extra_b]
```

Functions:

function_b(arg1[, arg2, arg3])	This function does something

function_b (*arg1*, *arg2=0*, *arg3='abc'*)

This function does something

Parameters

- **arg1** (*any*) – An argument
- **arg2** (*int*) – An integer argument. Default `0`.
- **arg3** (*str*) – A string argument. Default `'abc'`.

Chapter

TWO

extras_require_demos.requirements_txt_subpackage

This is an example of defining requirements in a `requirements.txt` file.

It was created with the following code:

```
.. extras-require:: extra_a
    :file: requirements_txt_subpackage/requirements.txt
```

Attention: This module has the following additional requirements:

```
numpy>=1.18.4
pandas!=1.0.0,>=0.25.0
scipy==1.4.1
```

These can be installed as follows:

```
$ python -m pip install extras-require-demos[extra_a]
```

Functions:

function_a(arg1[, arg2, arg3])	This function does something

function_a (*arg1*, *arg2=0*, *arg3='abc'*)

This function does something

Parameters

- **arg1** (*any*) – An argument
- **arg2** (*int*) – An integer argument. Default `0`.
- **arg3** (*str*) – A string argument. Default `'abc'`.

Chapter

THREE

extras_require_demos.setup_cfg_subpackage

This is an example of defining requirements in a `setup.cfg` file.

It was created with the following code:

```
.. extras-require:: extra_c
    :setup.cfg:
```

Attention: This module has the following additional requirements:

```
faker
pytest
tox
```

These can be installed as follows:

```
$ python -m pip install extras-require-demos[extra_c]
```

Functions:

function_c(arg1[, arg2, arg3])	This function does something

function_c (*arg1*, *arg2=0*, *arg3='abc'*)

This function does something

Parameters

- **arg1** (*any*) – An argument
- **arg2** (*int*) – An integer argument. Default `0`.
- **arg3** (*str*) – A string argument. Default `'abc'`.

Chapter

FOUR

extras_require_demos.manual_subpackage

This is an example of defining requirements manually.

It was created with the following code:

```
.. extras-require:: extra_c

    pytz >=2019.1
```

Attention: This module has the following additional requirement:

```
pytz>=2019.1
```

This can be installed as follows:

```
$ python -m pip install extras-require-demos[extra_c]
```

Functions:

function_d(arg1[, arg2, arg3])	This function does something

function_d(*arg1*, *arg2=0*, *arg3='abc'*)

This function does something

Parameters

- **arg1** (*any*) – An argument
- **arg2** (*int*) – An integer argument. Default `0`.
- **arg3** (*str*) – A string argument. Default `'abc'`.

Python Module Index

e

extras_require_demos.manual_subpackage, 9
extras_require_demos.pkginfo_subpackage, 3
extras_require_demos.requirements_txt_subpackage, 5
extras_require_demos.setup_cfg_subpackage, 7

Index

E

`extras_require_demos.manual_subpackage`
    `module`, 9
`extras_require_demos.pkginfo_subpackage`
    `module`, 3
`extras_require_demos.requirements_txt_subpackage`
    `module`, 5
`extras_require_demos.setup_cfg_subpackage`
    `module`, 7

F

`function_a()` (*in module extras_require_demos.requirements_txt_subpackage*), 5
`function_b()` (*in module extras_require_demos.pkginfo_subpackage*), 3
`function_c()` (*in module extras_require_demos.setup_cfg_subpackage*), 7
`function_d()` (*in module extras_require_demos.manual_subpackage*), 9

M

`module`
    `extras_require_demos.manual_subpackage`, 9
    `extras_require_demos.pkginfo_subpackage`, 3
    `extras_require_demos.requirements_txt_subpackage`, 5
    `extras_require_demos.setup_cfg_subpackage`, 7