

SfePy  
X.Y

Generated by Doxygen 1.7.6.1

Sun Apr 3 2016 08:49:59



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# Chapter 1

## Namespace Index

### 1.1 Namespace List

Here is a list of all namespaces with brief descriptions:

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|---|----|
| <b>conf</b> . . . . .                         | 7  |
| <b>ipython_console_highlighting</b> . . . . . | 12 |





## Chapter 2

# Data Structure Index

### 2.1 Data Structures

Here are the data structures with brief descriptions:

**ipython\_console\_highlighting.IPythonConsoleLexer** . . . . . 13



## Chapter 3

# File Index

### 3.1 File List

Here is a list of all files with brief descriptions:

|  |    |
|--|----|
| <b>conf.py</b>                         | 17 |
| <b>ipython_console_highlighting.py</b> | 18 |



## Chapter 4

# Namespace Documentation

### 4.1 conf Namespace Reference

#### Functions

- def **process\_terms**
- def **setup**

#### Variables

- tuple **numpydoc\_path** = sfepy.Config()
- list **extensions**
- list **templates\_path** = ['\_templates']
- string **source\_suffix** = '.rst'
- string **master\_doc** = 'index'
- string **project** = u'SfePy'
- string **copyright** = u'2014, Robert Cimrman and Contributors'
- **version** = sfepy.\_\_version\_\_
- **release** = **version**
- string **today\_fmt** = '%B %d, %Y'
- list **exclude\_trees** = ['\_build']
- **add\_module\_names** = True
- **show\_authors** = True
- string **pygments\_style** = 'sphinx'
- string **html\_theme** = 'sfepy\_theme'
- list **html\_theme\_path** = ['.']
- list **html\_static\_path** = ['\_static']
- string **html\_last\_updated\_fmt** = '%b %d, %Y'
- **html\_use\_smartypants** = True
- dictionary **html\_additional\_pages** = {}
- **html\_use\_modindex** = True

- list **html\_domain\_indices** = ["py-modindex"]
- **html\_use\_index** = True
- **html\_split\_index** = True
- string **html\_use\_opensearch** = '../objects.inv'
- string **htmlhelp\_basename** = 'SfePydoc'
- string **latex\_paper\_size** = 'a4'
- string **latex\_font\_size** = '12pt'
- list **latex\_documents**
- string **latex\_preamble** = r""
- **latex\_use\_modindex** = True
- **pngmath\_latex\_preamble** = **latex\_preamble**
- **numpydoc\_show\_class\_members** = False

#### 4.1.1 Function Documentation

##### 4.1.1.1 `def conf.process_terms( app, what_, name, obj, options, lines )`

Prepend term call signature(s) into term docstrings.

Definition at line 266 of file conf.py.

##### 4.1.1.2 `def conf.setup( app )`

Definition at line 309 of file conf.py.

#### 4.1.2 Variable Documentation

##### 4.1.2.1 `conf::add_module_names = True`

Definition at line 103 of file conf.py.

##### 4.1.2.2 `string conf::copyright = u'2014, Robert Cimrman and Contributors'`

Definition at line 67 of file conf.py.

##### 4.1.2.3 `list conf::exclude_trees = ['.build']`

Definition at line 93 of file conf.py.

##### 4.1.2.4 `list conf::extensions`

**Initial value:**

```
1 ['sphinx.ext.autosummary', 'sphinx.ext.autodoc',
2   'sphinx.ext.doctest', 'sphinx.ext.pngmath',
3   'sphinx.ext.viewcode', 'numpydoc',
4   'ipython_console_highlighting', 'sfepy.script.gen_term_table']
```

Definition at line 47 of file conf.py.

**4.1.2.5 dictionary** `conf::html_additional_pages = {}`

Definition at line 163 of file conf.py.

**4.1.2.6 list** `conf::html_domain_indices = ["py-modindex"]`

Definition at line 169 of file conf.py.

**4.1.2.7 string** `conf::html_last_updated_fmt = '%b %d, %Y'`

Definition at line 152 of file conf.py.

**4.1.2.8 conf::html\_split\_index = True**

Definition at line 175 of file conf.py.

**4.1.2.9 list** `conf::html_static_path = ['_static']`

Definition at line 148 of file conf.py.

**4.1.2.10 string** `conf::html_theme = 'sfepy_theme'`

Definition at line 120 of file conf.py.

**4.1.2.11 list** `conf::html_theme_path = ['.']`

Definition at line 127 of file conf.py.

**4.1.2.12 conf::html\_use\_index = True**

Definition at line 172 of file conf.py.

**4.1.2.13 conf::html\_use\_modindex = True**

Definition at line 167 of file conf.py.

**4.1.2.14** `string conf::html_use_opensearch = '../objects.inv'`

Definition at line 183 of file conf.py.

**4.1.2.15** `conf::html_use_smartypants = True`

Definition at line 156 of file conf.py.

**4.1.2.16** `string conf::htmlhelp_basename = 'SfePydoc'`

Definition at line 189 of file conf.py.

**4.1.2.17** `list conf::latex_documents`

**Initial value:**

```
1 [
2   ('index', 'SfePy.tex', u'SfePy Documentation',
3    u'Robert Cimrman and Contributors', 'manual'),
4 ]
```

Definition at line 202 of file conf.py.

**4.1.2.18** `string conf::latex_font_size = '12pt'`

Definition at line 198 of file conf.py.

**4.1.2.19** `string conf::latex_paper_size = 'a4'`

Definition at line 195 of file conf.py.

**4.1.2.20** `string conf::latex_preamble = r''''`

Definition at line 217 of file conf.py.

**4.1.2.21** `conf::latex_use_modindex = True`

Definition at line 258 of file conf.py.

**4.1.2.22** `string conf::master_doc = 'index'`

Definition at line 63 of file conf.py.



**4.1.2.23** tuple `conf::numpydoc_path = sfepy.Config()`

Definition at line 38 of file `conf.py`.

**4.1.2.24** bool `conf::numpydoc_show_class_members = False`

Definition at line 264 of file `conf.py`.

**4.1.2.25** string `conf::pngmath_latex_preamble = latex_preamble`

Definition at line 261 of file `conf.py`.

**4.1.2.26** string `conf::project = u'SfePy'`

Definition at line 66 of file `conf.py`.

**4.1.2.27** string `conf::pygments_style = 'sphinx'`

Definition at line 110 of file `conf.py`.

**4.1.2.28** string `conf::release = version`

Definition at line 76 of file `conf.py`.

**4.1.2.29** bool `conf::show_authors = True`

Definition at line 107 of file `conf.py`.

**4.1.2.30** string `conf::source_suffix = '.rst'`

Definition at line 57 of file `conf.py`.

**4.1.2.31** list `conf::templates_path = ['.templates']`

Definition at line 54 of file `conf.py`.

**4.1.2.32** string `conf::today_fmt = '%B %d, %Y'`

Definition at line 86 of file `conf.py`.

4.1.2.33 `conf::version = sfepy.__version__`

Definition at line 74 of file `conf.py`.

## 4.2 `ipython_console_highlighting` Namespace Reference

### Data Structures

- class `IPythonConsoleLexer`

### Variables

- tuple `line_re = re.compile('.*?\n')`

#### 4.2.1 Variable Documentation

4.2.1.1 tuple `ipython_console_highlighting::line_re = re.compile('.*?\n')`

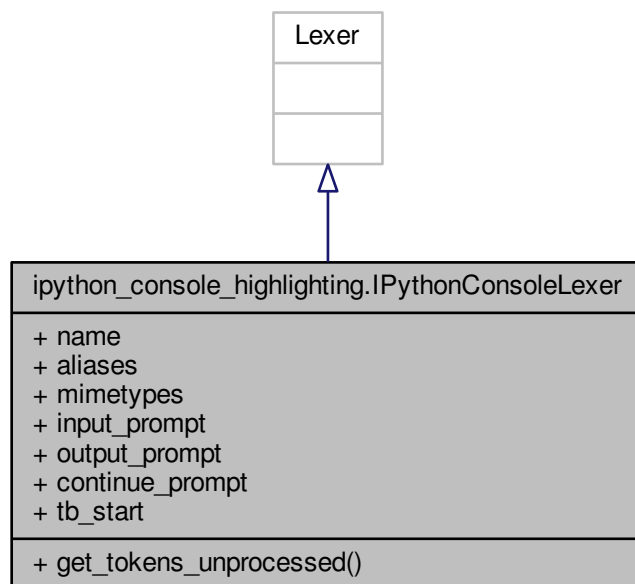
Definition at line 8 of file `ipython_console_highlighting.py`.

## Chapter 5

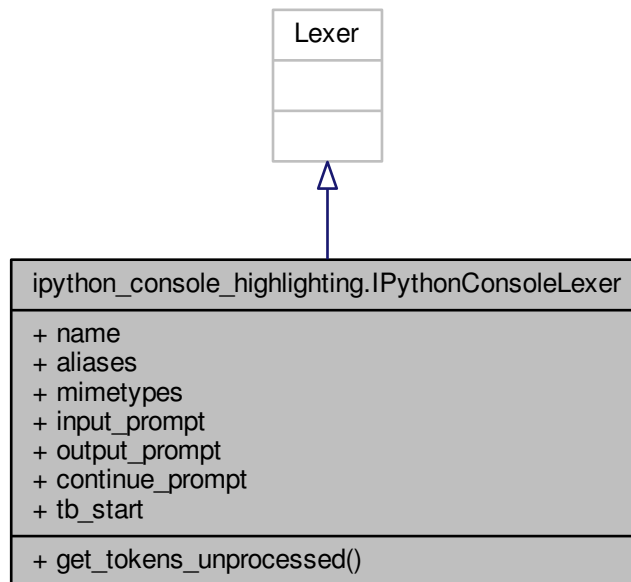
# Data Structure Documentation

### 5.1 `ipython_console_highlighting.IPythonConsoleLexer` Class - Reference

Inheritance diagram for `ipython_console_highlighting.IPythonConsoleLexer`:



Collaboration diagram for `ipython_console_highlighting.IPythonConsoleLexer`:



### Public Member Functions

- def **get\_tokens\_unprocessed**

### Static Public Attributes

- string **name** = 'IPython console session'
- list **aliases** = ['ipython']
- list **mimetypes** = ['text/x-ipython-console']
- tuple **input\_prompt** = `re.compile("(In \[[0-9]+\]: )( \. \. \. \. +:)"`)
- tuple **output\_prompt** = `re.compile("(Out \[[0-9]+\]: )( \. \. \. \. +:)"`)
- tuple **continue\_prompt** = `re.compile(" \. \. \. \. +:)"`)
- tuple **tb\_start** = `re.compile("\-+)"`)

### 5.1.1 Detailed Description

For IPython console output or doctests, such as:

Tracebacks are not currently supported.

```
.. sourcecode:: ipython
```

```
In [1]: a = 'foo'
```

```
In [2]: a
Out[2]: 'foo'
```

```
In [3]: print a
foo
```

```
In [4]: 1 / 0
```

Definition at line 10 of file ipython\_console\_highlighting.py.

### 5.1.2 Member Function Documentation

#### 5.1.2.1 def ipython\_console\_highlighting.IPythonConsoleLexer.get\_tokens\_unprocessed( self, text )

Definition at line 36 of file ipython\_console\_highlighting.py.

### 5.1.3 Field Documentation

#### 5.1.3.1 list ipython\_console\_highlighting.IPythonConsoleLexer::aliases = ['ipython'] [static]

Definition at line 29 of file ipython\_console\_highlighting.py.

#### 5.1.3.2 tuple ipython\_console\_highlighting.IPythonConsoleLexer::continue\_prompt = re.compile("\.\\.\\.+:") [static]

Definition at line 33 of file ipython\_console\_highlighting.py.

#### 5.1.3.3 tuple ipython\_console\_highlighting.IPythonConsoleLexer::input\_prompt = re.compile("(In \[[0-9]+\]: )(\.\\.\\.+:)") [static]

Definition at line 31 of file ipython\_console\_highlighting.py.

#### 5.1.3.4 list ipython\_console\_highlighting.IPythonConsoleLexer::mimetypes = ['text/x-ipython-console'] [static]

Definition at line 30 of file ipython\_console\_highlighting.py.

**5.1.3.5** string `ipython_console_highlighting.IPythonConsoleLexer::name = 'Python console session'` `[static]`

Definition at line 28 of file `ipython_console_highlighting.py`.

**5.1.3.6** tuple `ipython_console_highlighting.IPythonConsoleLexer::output_prompt = re.compile("(Out\[0-9]+\):)(\\.\\.\\.\\.+)")` `[static]`

Definition at line 32 of file `ipython_console_highlighting.py`.

**5.1.3.7** tuple `ipython_console_highlighting.IPythonConsoleLexer::tb_start = re.compile("\n+")` `[static]`

Definition at line 34 of file `ipython_console_highlighting.py`.

The documentation for this class was generated from the following file:

- `ipython_console_highlighting.py`

## Chapter 6

# File Documentation

### 6.1 `conf.py` File Reference

#### Namespaces

- namespace **conf**

#### Functions

- `def conf.process_terms`
- `def conf.setup`

#### Variables

- tuple **conf.numpydoc\_path** = `sfepy.Config()`
- list **conf.extensions**
- list **conf.templates\_path** = `['_templates']`
- string **conf.source\_suffix** = `'.rst'`
- string **conf.master\_doc** = `'index'`
- string **conf.project** = `u'SfePy'`
- string **conf.copyright** = `u'2014, Robert Cimrman and Contributors'`
- **conf.version** = `sfepy.__version__`
- **conf.release** = `version`
- string **conf.today\_fmt** = `'%B %d, %Y'`
- list **conf.exclude\_trees** = `['_build']`
- **conf.add\_module\_names** = `True`
- **conf.show\_authors** = `True`
- string **conf.pygments\_style** = `'sphinx'`
- string **conf.html\_theme** = `'sfepy_theme'`
- list **conf.html\_theme\_path** = `['.']`
- list **conf.html\_static\_path** = `['_static']`

- string **conf.html\_last\_updated\_fmt** = '%b %d, %Y'
- **conf.html\_use\_smartypants** = True
- dictionary **conf.html\_additional\_pages** = {}
- **conf.html\_use\_modindex** = True
- list **conf.html\_domain\_indices** = ["py-modindex"]
- **conf.html\_use\_index** = True
- **conf.html\_split\_index** = True
- string **conf.html\_use\_opensearch** = '../objects.inv'
- string **conf.htmlhelp\_basename** = 'SfePydoc'
- string **conf.latex\_paper\_size** = 'a4'
- string **conf.latex\_font\_size** = '12pt'
- list **conf.latex\_documents**
- string **conf.latex\_preamble** = r""
- **conf.latex\_use\_modindex** = True
- **conf.pngmath\_latex\_preamble** = latex\_preamble
- **conf.numpydoc\_show\_class\_members** = False

## 6.2 ipython\_console\_highlighting.py File Reference

### Data Structures

- class **ipython\_console\_highlighting.IPythonConsoleLexer**

### Namespaces

- namespace **ipython\_console\_highlighting**

### Variables

- tuple **ipython\_console\_highlighting.line\_re** = re.compile('.\*?\n')