screwdriver

Release 0.14.0

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Another tool for your python toolset. General odds and ends that kept coming up in projects.

CHAPTER 1

Installation

```
$ pip install screwdriver
```

CHAPTER 2

Supports

screwdriver has been tested with Python 2.7, 3.6 and 3.7

CHAPTER 3

Docs & Source

Docs: http://screwdriver.readthedocs.io/en/latest/

Source: https://github.com/cltrudeau/screwdriver

Version: 0.14.0

CHAPTER 4

Methods

class screwdriver.**DictObject**(*src*)

Acts as a wrapper to a dictionary so that keys can be accessed as properties.

```
>>> d = DictObject({'x'=1, 'y'=2})
>>> d.x
1
>>> d._src
{'x':1, 'y':2}
```

__init__(*src*)

screwdriver.**dynamic_load**(*name*)

Equivalent of "from X import Y" statement using dot notation to specify what to import and return. For example, foo.bar.thing returns the item "thing" in the module "foo.bar"

screwdriver.**head_tail_middle**(*src*)

Returns a tuple consisting of the head of a enumerable, the middle as a list and the tail of the enumerable. If the enumerable is 1 item, the middle will be empty and the tail will be None.

```
>>> head_tail_middle([1, 2, 3, 4])
1, [2, 3], 4
```

screwdriver.**list_to_rows**(*src*, *size*)

A generator that takes a enumerable item and returns a series of slices. Useful for turning a list into a series of rows.

```
>>> list(list_to_rows([1, 2, 3, 4, 5, 6, 7], 3))
[[1, 2, 3], [4, 5, 6], [7, ]]
```

screwdriver.**parse_link**(*html*)

Parses an HTML anchor tag, returning the href and content text. Any content before or after the anchor tag pair is ignored.

Parameters **html** – Snippet of html to parse

Returns namedtuple('ParsedLink', ['url', 'text'])

Example:

```
>>> parse_link('things <a href="/foo/bar.html">Foo</a> stuff')
ParsedLink('/foo/bar.html', 'Foo')
```

screwdriver.**pprint**(*data*)

Alternative to *pprint.PrettyPrinter()* that uses *json.dumps()* for sorting and displaying data.

Parameters **data** – item to print to STDOUT. The item must be json serializable!

screwdriver.**rows_to_columns**(*matrix*)

Takes a two dimensional array and returns an new one where rows in the first become columns in the second.

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