inflection Documentation

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Janne Vanhala

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Inflection is a string transformation library. It singularizes and pluralizes English words, and transforms strings from CamelCase to underscored_string. Inflection is a port of Ruby on Rails' inflector to Python.

CHAPTER 1

Installation

Use pip to install from PyPI:

```
pip install inflection
```

CHAPTER 2

Contributing

To contribute to Inflector create a fork on GitHub. Clone your fork, make some changes, and submit a pull request.

CHAPTER 3

API Documentation

`inflection.`**`camelize`**(*string*, *uppercase_first_letter=True*)

Convert strings to CamelCase.

Examples:

```
>>> camelize("device_type")
'DeviceType'
>>> camelize("device_type", False)
'deviceType'
```

`camelize()` can be thought of as a inverse of *`underscore()`*, although there are some cases where that does not hold:

```
>>> camelize(underscore("IOError"))
'IoError'
```

Parameters **`uppercase_first_letter`** – if set to *True* *`camelize()`* converts strings to UpperCamelCase. If set to *False* *`camelize()`* produces lowerCamelCase. Defaults to *True*.

`inflection.`**`dasherize`**(*word*)

Replace underscores with dashes in the string.

Example:

```
>>> dasherize("puni_puni")
'puni-puni'
```

`inflection.`**`humanize`**(*word*)

Capitalize the first word and turn underscores into spaces and strip a trailing `"_id"`, if any. Like *`titleize()`*, this is meant for creating pretty output.

Examples:

```
>>> humanize("employee_salary")
'Employee salary'
>>> humanize("author_id")
'Author'
```

`inflection.`**`ordinal`**(*number*)

Return the suffix that should be added to a number to denote the position in an ordered sequence such as 1st, 2nd, 3rd, 4th.

Examples:

```
>>> ordinal(1)
'st'
>>> ordinal(2)
'nd'
>>> ordinal(1002)
'nd'
>>> ordinal(1003)
'rd'
>>> ordinal(-11)
'th'
>>> ordinal(-1021)
'st'
```

`inflection.`**`ordinalize`**(*number*)

Turn a number into an ordinal string used to denote the position in an ordered sequence such as 1st, 2nd, 3rd, 4th.

Examples:

```
>>> ordinalize(1)
'1st'
>>> ordinalize(2)
'2nd'
>>> ordinalize(1002)
'1002nd'
>>> ordinalize(1003)
'1003rd'
>>> ordinalize(-11)
'-11th'
>>> ordinalize(-1021)
'-1021st'
```

`inflection.`**`parameterize`**(*string*, *separator='-'*)

Replace special characters in a string so that it may be used as part of a 'pretty' URL.

Example:

```
>>> parameterize(u"Donald E. Knuth")
'donald-e-knuth'
```

`inflection.`**`pluralize`**(*word*)

Return the plural form of a word.

Examples:

```
>>> pluralize("posts")
'posts'
```

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```
>>> pluralize("octopus")
'octopi'
>>> pluralize("sheep")
'sheep'
>>> pluralize("CamelOctopus")
'CamelOctopi'
```

`inflection.`**`singularize`**(*word*)

Return the singular form of a word, the reverse of `pluralize()`.

Examples:

```
>>> singularize("posts")
'post'
>>> singularize("octopi")
'octopus'
>>> singularize("sheep")
'sheep'
>>> singularize("word")
'word'
>>> singularize("CamelOctopi")
'CamelOctopus'
```

`inflection.`**`tableize`**(*word*)

Create the name of a table like Rails does for models to table names. This method uses the `pluralize()` method on the last word in the string.

Examples:

```
>>> tableize('RawScaledScorer')
'raw_scaled_scorers'
>>> tableize('egg_and_ham')
'egg_and_hams'
>>> tableize('fancyCategory')
'fancy_categories'
```

`inflection.`**`titleize`**(*word*)

Capitalize all the words and replace some characters in the string to create a nicer looking title. `titleize()` is meant for creating pretty output.

Examples:

```
>>> titleize("man from the boondocks")
'Man From The Boondocks'
>>> titleize("x-men: the last stand")
'X Men: The Last Stand'
>>> titleize("TheManWithoutAPast")
'The Man Without A Past'
>>> titleize("raiders_of_the_lost_ark")
'Raiders Of The Lost Ark'
```

`inflection.`**`transliterate`**(*string*)

Replace non-ASCII characters with an ASCII approximation. If no approximation exists, the non-ASCII character is ignored. The string must be `unicode`.

Examples:

```
>>> transliterate('älämölö')
'alamolo'
>>> transliterate('Ærøskøbing')
'rskbing'
```

`inflection.`**`underscore`**(*word*)

Make an underscored, lowercase form from the expression in the string.

Example:

```
>>> underscore("DeviceType")
'device_type'
```

As a rule of thumb you can think of *`underscore()`* as the inverse of *`camelize()`*, though there are cases where that does not hold:

```
>>> camelize(underscore("IOError"))
'IoError'
```

CHAPTER 4

Changelog

You you can see the full list of changes between each Inflection release in GitHub releases page.

CHAPTER 5

License

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