emoji-unicode Documentation

Release 0.1

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Contents

CHAPTER 1

API Reference

If you are looking for information on a specific function, class or method, this part of the documentation is for you.

API

Helpers

emoji_unicode.**replace**(*txt*, *callback*)
Replace all unicode emojis in a given text

Parameters

- **txt** (*str*) – Text source to be parsed
- **callback** (*callable*) – A callable that should accept a instance of *Emoji* and return a str to replace the match

Returns Parsed text with all the emojis replaced by the callback result

Return type str

emoji_unicode.**normalize**(*code_points*, *separator=u'-'*)
Normalize a code point removing joiner characters such as emoji variations, Zero Width Joiner and leading zeros

Parameters

- **code_points** (*str*) – code points separated by an hyphen or the separator param value
- **separator** (*str*) – The separator used to split the code points, process them and merge them back

Returns Code points with no joiner chars, leading zeros, and lower cased.

Return type str

Emoji Object

class emoji_unicode.**Emoji**(*unicode*)
Emoji is used in the process of *replace()* unicode emojis in a text

Parameters **unicode** (*str*) – Unicode emoji

as_map()
A map containing the individual unicode chars and code points. The code points are normalized as by *normalize()*

Returns Sequence of tuples of the form [(unicode, code_point)]

Return type list

code_points
Code points representing the unicode emoji, the result is normalized as by *normalize()*

Getter Code points representing the emoji, with no joiner chars and lower cased, ie: 1f3c3-1f3fc

Type str

CHAPTER 2

Additional Notes

Design notes, legal information and changelog are here for the interested.

Python 2 Support

Python 2 is by default build with *narrow* unicode characters support, this means it does not support unicode code points above `0xffff` which most emojis are. Python +3.3 does not suffer from this.

Requirements

To support wide unicode characters, python 2.7 must be build from source with `--enable-unicode=ucs4` flag.

To find if python 2 has support for *wide* unicode characters, run:

```
$ python
>>> import sys
>>> 'Is this a wide-build? {}'.format(sys.maxunicode > 65536)
```

Changelog

0.2

- Adds Emoji.as_map() function.

0.1

- Initial release

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