
transliteration Documentation

Release 0.4.1

Santhosh Thottingal

January 09, 2017

1	transliteration API	3
2	Indices and tables	5
	Python Module Index	7

Transliterator This application helps you to transliterate text from any Indian language to any other Indian language. Enter the text for transliteration in the below text area. Language of each word will be detected.

You can give the text in any language and even with mixed language. For Malayalam alone, English->Malayalam, Malayalam->English Transliteration is available. ISO 15919, an international standard for the transliteration of Indic scripts to the Latin alphabet formed in 2001 is also supported. Select ISO 15919:2001 for 'Transliterate To' for using this scheme. Transliteration to International Phonetic Alphabet is also available.

transliteration API

class `transliteration.core.Transliterator`

Transliteration class, instantiate this to get access to the transliteration methods

get_info()

Returns module info

get_module_name()

returns module name

transliterate (*text*, *target_lang_code*)

Parameters

- **text** (*str.*) – The text to be transliterated.
- **target_lang_code** (*str.*) – The language into which word has to be transliterated.

Returns the transliterated text.

The transliteration function which can transliterate text to the supported target languages.

transliterate_en_hi (*word*)

Parameters **word** (*str.*) – The word to be transliterated.

Returns the translated word.

Transliterate English to Hindi with the help of CMU pronunciation dictionary

transliterate_en_kn (*word*)

Parameters **word** (*str.*) – The word to be transliterated.

Returns the translated word.

Transliterate English to Kannada with the help of CMU pronunciation dictionary

transliterate_en_ml (*word*)

Parameters **word** (*str.*) – The word to be transliterated.

Returns the translated word.

Transliterate English to Malayalam with the help of CMU pronunciation dictionary

transliterate_en_xx (*word*, *target_lang*)

Parameters

- **word** (*str.*) – The word to be transliterated.

- **target_lang** (*str.*) – The language into which word has to be transliterated.

Returns the translated word.

Transliterate English to any Indian Language.

transliterate_indic_en (*word, src_lang*)

Arguments: - *self*: - *word*: Word to be transliterated (sentence) - *src_lang*: Language from which we need to transliterate

transliterate_indic_indic (*word, src_lang, target_lang*)

Transliterate from an Indian language word to another indian language word

Parameters

- **word** (*str.*) – The word to be transliterated.
- **src_lang** (*str.*) – The language of the word.
- **target_lang** (*str.*) – The language into which word has to be transliterated.

Returns the translated word.

transliterate_ipa (*word, src_language*)

Transliterate the given word in *src_language* to IPA - International Phonetical Alphabet notation.

Parameters

- **word** (*str.*) – The word to be transliterated.
- **src_lang** (*str.*) – The language of the word.

Returns the translated word.

transliterate_xx_en (*word, src_lang*)

Parameters

- **word** (*str.*) – The word to be transliterated.
- **src_lang** (*str.*) – The language of the word.

Returns the translated word.

Transliterate Indian Language to English.

`transliteration.core.getInstance()`

returns instance of :class: *Transliterator*

Indices and tables

- `genindex`
- `modindex`
- `search`

t

`transliteration.core`, 3

G

`get_info()` (`transliteration.core.Transliterator` method), 3
`get_module_name()` (`transliteration.core.Transliterator`
method), 3
`getInstance()` (in module `transliteration.core`), 4

T

`transliterate()` (`transliteration.core.Transliterator` method),
3
`transliterate_en_hi()` (`transliteration.core.Transliterator`
method), 3
`transliterate_en_kn()` (`transliteration.core.Transliterator`
method), 3
`transliterate_en_ml()` (`transliteration.core.Transliterator`
method), 3
`transliterate_en_xx()` (`transliteration.core.Transliterator`
method), 3
`transliterate_indic_en()` (`transliteration.core.Transliterator` method), 4
`transliterate_indic_indic()` (`transliteration.core.Transliterator` method), 4
`transliterate_ipa()` (`transliteration.core.Transliterator`
method), 4
`transliterate_xx_en()` (`transliteration.core.Transliterator`
method), 4
`transliteration.core` (module), 3
`Transliterator` (class in `transliteration.core`), 3