
kuma-py Documentation

Release 0.1a

Paris Kasidiaris

February 15, 2014

This is the documentation for kuma-py, a Python wrapper, for the Kuma software —built by Mozilla— that empowers also the Mozilla Developer Network. kuma-py lets you easily traverse the Mozilla Developer Network (and any other kuma-powered website), thus it serves as a gateway to access knowledge and make the world better.

Classes:

Client

class `kuma.Client` (*host='https://developer.mozilla.org', locale='en-US'*)

This is the `kuma.Client` class that takes care of the communication with kuma servers. `kuma.Client` is locale-aware. `kuma.Client.host` defaults to the public Mozilla Developer Network URL and the default locale is United States English.

base_url

Returns the base URL of the current `kuma.Client` instance. Used to fetch documents.

get (*endpoint, query=None, meta=None*)

Returns a specific resource on the current kuma host. Can accept queries so as to return raw html, specific sections, children pages, return the page in JSON format etc. This method returns either string or dict, according to the response's content-type header.

host = None

The kuma host to connect.

locale = None

The locale to use.

Document

class `kuma.Document` (*client, endpoint*)

This is the `kuma.Document` class that defines a `kuma Document`. It lets you access its raw HTML data, summary, children pages etc. Basically it wraps the Kuma API in an easy, useful and elegant Python wrapper.

children ()

Returns the children documents of this `kuma Document` in Python dict format.

client = `None`

Specify the `kuma.Client` to which requests will be delegated

endpoint = `None`

Specify the endpoint of the current document

get (*query=None, meta=None*)

Make a request to the client and return the result.

get_child (*name*)

Return a child endpoint of the current document.

html ()

Returns the HTML code of the current `kuma Document`.

json ()

Returns the current document's JSON data in Python dict format.

raw

Return raw html data for the current document.

section (*section_id, raw=True, macros=True*)

Return a specific section of the current page in raw format with macros applied (meaning render the kuma templates)

subpages

Returns all the subpages of the current document in `kuma.Document` format.

summary

Return the summary of the current document.

toc ()

Returns the current document's Table of Contents in Python dict format.

Indices and tables

- *genindex*
- *modindex*
- *search*