
py-KISSmetrics Documentation

Release 1.0.0

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January 11, 2016

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Contents:

class `KISSmetrics.Client` (*key*, *trk_host*='trk.kissmetrics.com', *trk_scheme*='http')

Interface to KISSmetrics tracking service

alias (*person*, *identity*, *path*='a')

Map *person* to *identity*; actions done by one resolve to other.

Parameters

- **person** (*str or unicode*) – consider as same individual *identity*; the source of the alias operation
- **identity** (*str or unicode*) – consider as an alias of *person*; the target of the alias operation
- **path** – HTTP endpoint to use; defaults to `KISSmetrics.ALIAS_PATH`

Returns an HTTP response for the request

Return type `urllib3.response.HTTPResponse`

Note the direction of the mapping is *person* to *identity* (so “*person* is also known as *identity*” or “*person* => *identity*” when looking at it as “<source> => <target>”)

When consulting the Aliasing documentation, *person* corresponds to `query_string.PERSON_PARAM` and *identity* corresponds to `query_string.ALIAS_PARAM`.

Aliasing is not a reversible operation. When aliasing to an *identity*, take care not to use a session identifier or any other value that is not relatively stable (a value that will not change per request or per session).

For more information see the API Specifications on [Aliasing](#).

record (*person*, *event*, *properties*=None, *timestamp*=None, *path*='e')

Record *event* for *person* with any *properties*.

Parameters

- **person** – the individual performing the *event*
- **event** – the *event* name that was performed
- **properties** (*dict*) – any additional data to include
- **timestamp** – when the *event* was performed; optional for back-dating
- **path** – HTTP endpoint to use; defaults to `KISSmetrics.RECORD_PATH`

Returns an HTTP response for the request

Return type `urllib3.response.HTTPResponse`

set (*person*, *properties*=None, *timestamp*=None, *path*='s')

Set a property (or properties) for a *person*.

Parameters

- **person** – individual to associate properties with
- **properties** (*dict*) – key-value pairs to associate with *person*
- **timestamp** – when the *event* was performed; optional for back-dating
- **path** – HTTP endpoint to use; defaults to `KISSmetrics.SET_PATH`

Returns an HTTP response for the request

Return type `urllib3.response.HTTPResponse`

class `KISSmetrics.ClientCompat` (*key, host=None, http_timeout=None, logging=True*)
Compatibility interface to KISSmetrics tracking service

Warning: Interface only exists for compatibility and will not be supported in the future.

alias (*name, alias_to, path='a', resp=False*)
Map *name* to *alias_to*; actions done by one resolve to other.

Parameters

- **name** – consider as same individual as *alias_to*
- **alias_to** – consider an alias of *name*
- **path** – endpoint path; defaults to `KISSmetrics.ALIAS_PATH`
- **resp** (*boolean*) – indicate whether to return response

Returns an HTTP response for request if *resp=True*

Return type `urllib3.response.HTTPResponse`

Raises Exception if either *identity* or *key* not set

identify (*identity*)
Define identity for subsequent calls.

Parameters **identity** (*str or unicode*) – identifying info (email, user-id, anonymous-id)

log_file ()
Retrieve path to log file.

Note: Will log to `'/tmp/kissmetrics_error.log'`; cannot be modified.

record (*action, props=None, path='e', resp=False*)
Record event for identity with any properties.

Parameters

- **action** – event performed
- **props** (*dict*) – any additional data to include
- **resp** (*boolean*) – indicate whether to return response

Returns an HTTP response for request if *resp=True*

Return type `urllib3.response.HTTPResponse`

Raises Exception if either *identity* or *key* not set

reset ()
Reset *identity* and *key* attributes.

Warning: After calling this method, further calls to *record*, *set*, & *alias* will raise an *Exception*. You will need to set the API key again via *key* attribute and call *identify*.

set (*data, path='s', resp=False*)
Set a properties provided in *data* for identity.

Parameters

- **data** (*dict*) – key-value pairs to associate with identity

- **path** – endpoint path; defaults to `KISSmetrics.SET_PATH`
- **resp** (*boolean*) – indicate whether to return response

Returns an HTTP response for request if *resp=True*

Return type *urllib3.response.HTTPResponse*

Raises Exception if either *identity* or *key* not set

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