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# **py-KISSmetrics Documentation**

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**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.

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

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**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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