Package ‘ipbase’

May 11, 2023

Title  Client for the 'ipbase.com' IP Geolocation API

Version  0.1.1

Description  An R client for the 'ipbase.com' IP Geolocation API. The API requires registration of an API key. Basic features are free, some require a paid subscription. You can find the full API documentation at <https://ipbase.com/docs>.

License  MIT + file LICENSE

Encoding  UTF-8


RoxygenNote  7.2.3

Imports  httr, jsonlite

Suggests  knitr, rmarkdown, testthat (>= 3.0.0)

Config/testthat/edition  3

VignetteBuilder  knitr

NeedsCompilation  no

Author  Dominik Kukacka [aut, cre]

Maintainer  Dominik Kukacka <dominik@everapi.com>

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get_api_status  Get the current status of the API.

Description
Get the current status of the API.

Usage
get_api_status()

Value
Returns your current quota. Requests to this endpoint do not count against your quota or rate limit.

get_asn_info  Retrieves information for a specific ASN (autonomous system number).

Description
Retrieves information for a specific ASN (autonomous system number).

Usage
get_asn_info(asn = NULL)

Arguments
asn  (required) The ASN you want to query

Value
Returns all available information about an ASN.
get_domain_info

Retrieves all domains hosted on a single IP address

**Description**

Retrieves all domains hosted on a single IP address

**Usage**

get_domain_info(ip = NULL, page = NULL, limit = NULL)

**Arguments**

- **ip** (required) The IP you want to query the domains for
- **page** The page for iterating through all domains
- **limit** The amount of domains you want to see on each page

**Value**

Retrieves all domains hosted on a single IP address

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get_ip_info

Checks the provided IP address (both v4 & v6 formats) and returns all available information.

**Description**

Checks the provided IP address (both v4 & v6 formats) and returns all available information.

**Usage**

get_ip_info(ip = NULL, language = NULL, hostname = NULL)

**Arguments**

- **ip** The IP address you want to query
- **language** An ISO Alpha 2 Language Code for localizing the IP data
- **hostname** If the hostname parameter is set to 1, the API response will contain the hostname of the IP

**Value**

Returns all available information about an IP address.
ipbase_api_key

Description

ipbase.com requires authentication via an API key. For this package, the API key is saved as an environmental variable. In interactive mode, using ipbase_api_key will require you to enter an API key. Alternatively, you can also use Sys.setenv(IPBASE_API_KEY = <key>) to set the API key manually.

Usage

ipbase_api_key(force = FALSE)

Arguments

force If TRUE, resets the API key & requires the user to provide a new API key. If FALSE and an API key already exists, the key will be printed to the console. If no key exists, you will be required to enter a key. force. Defaults to FALSE.

Value

Returns the set API key that has been stored as an environment variable.
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