

Package ‘ipbase’

May 8, 2026

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> .

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Encoding UTF-8

URL <https://ipbase.com>, <https://ipbase.com/docs>

RoxygenNote 7.2.3

Imports httr, jsonlite

Suggests knitr, rmarkdown, testthat (>= 3.0.0)

Config/testthat/edition 3

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

Date/Publication 2023-05-11 08:50:11 UTC

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get_api_status	<i>Get the current status of the API.</i>
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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	<i>Retrieves information for a specific ASN (autonomous system number).</i>
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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	<i>Retrieves all domains hosted on a single IP address</i>
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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

get_ip_info	<i>Checks the provided IP address (both v4 & v6 formats) and returns all available information.</i>
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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	<i>Ipbase API Key</i>
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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

<code>force</code>	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. <code>force</code> . Defaults to FALSE.
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Value

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

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