

# Package ‘ipbase’

July 22, 2025

**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

**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

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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.

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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.

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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

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get_ip_info	<i>Checks the provided IP address (both v4 &amp; 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.

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ipbase_api_key	<i>Ipbase API Key</i>
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**Description**

[ipbase.com](https://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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