

Package: ip2locationio (via r-universe)

March 12, 2025

Type Package

Title Lookup Geolocation and Proxy Information using 'IP2Location.io' API

Version 1.0.0

Maintainer IP2Location.io <support@ip2location.io>

Description Query for enriched data such as country, region, city, latitude & longitude, ZIP code, time zone, Autonomous System, Internet Service Provider, domain, net speed, International direct dialing (IDD) code, area code, weather station data, mobile data, elevation, usage type, address type, advertisement category, and proxy data with an IP address. This package uses the 'IP2Location.io' API to query this data. To get started with a free API key, sign up here
<<https://www.ip2location.io/sign-up?ref=1>>.

License MIT + file LICENSE

Encoding UTF-8

Imports reticulate (>= 1.13), jsonlite (>= 1.6)

SystemRequirements IP2Location.io Python library
<<https://github.com/ip2location/ip2location-io-python>>

RoxygenNote 7.3.2

NeedsCompilation no

Author IP2Location.io [aut, cre]

Date/Publication 2024-10-31 14:00:02 UTC

Config/pak/sysreqs libpng-dev python3

Repository <https://ip2location.r-universe.dev>

RemoteUrl <https://github.com/cran/ip2locationio>

RemoteRef HEAD

RemoteSha c74c4fc92174959066937f03592e7544cab7cbbe

Contents

lookup	2
lookupASNByIP	3
lookupCoordinateByIP	3
lookupCountryByIP	4
lookupLocationByIP	4
setApiKey	5
Index	6

lookup	<i>Lookup for IP address geolocation and proxy information</i>
--------	--

Description

Lookup for a comprehensive of the information such as location, ASN, ISP and proxy. The availability of the data will depends on the plan you have signed up for your API key.

Usage

```
lookup(ip)
```

Arguments

ip	IPv4 or IPv6 address
----	----------------------

Value

Return all the geolocation and proxy information about the IP address

Examples

```
## Not run:
lookup("1.0.241.135")

## End(Not run)
```

lookupASNByIP	<i>Lookup an IP address's Autonomous system name and number</i>
---------------	---

Description

Lookup for the IP address's Autonomous system name and number

Usage

```
lookupASNByIP(ip)
```

Arguments

ip	IPv4 or IPv6 address
----	----------------------

Value

Return the Autonomous system name and number of the the IP address

Examples

```
## Not run:  
lookupASNByIP("1.0.241.135")  
  
## End(Not run)
```

lookupCoordinateByIP	<i>Lookup an IP address's coordinate</i>
----------------------	--

Description

Lookup for the IP address's coordinate

Usage

```
lookupCoordinateByIP(ip)
```

Arguments

ip	IPv4 or IPv6 address
----	----------------------

Value

Return the coordinate of the the IP address

Examples

```
## Not run:  
lookupCoordinateByIP("1.0.241.135")  
  
## End(Not run)
```

lookupCountryByIP *Lookup an IP address's country*

Description

Lookup for the IP address's country

Usage

```
lookupCountryByIP(ip)
```

Arguments

ip IPv4 or IPv6 address

Value

Return the country name of the the IP address

Examples

```
## Not run:  
lookupCountryByIP("1.0.241.135")  
  
## End(Not run)
```

lookupLocationByIP *Lookup an IP address's location in text*

Description

Lookup for the IP address's location in text

Usage

```
lookupLocationByIP(ip)
```

Arguments

ip IPv4 or IPv6 address

Value

Return the location of the the IP address in text

Examples

```
## Not run:  
lookupLocationByIP("1.0.241.135")  
  
## End(Not run)
```

setApiKey	<i>Set IP2Location.io API key</i>
-----------	-----------------------------------

Description

Set IP2Location.io API key for lookup. Free API key can be obtained from <<https://www.ip2location.io/signup?ref=1/>>

Usage

```
setApiKey(api_key)
```

Arguments

api_key IP2Location.io API key

Value

No return value, called for side effects.

Examples

```
## Not run:  
setApiKey("YOUR_API_KEY")  
  
## End(Not run)
```

Index

lookup, [2](#)
lookupASNByIP, [3](#)
lookupCoordinateByIP, [3](#)
lookupCountryByIP, [4](#)
lookupLocationByIP, [4](#)

setApiKey, [5](#)