Package: ip2locationio (via r-universe)

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Type Package

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

Version 1.1.1

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, fraud score, and proxy data with an IP address. You can also query a list of hosted domain names for the IP address too. 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>.

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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

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Config/pak/sysreqs libpng-dev python3

Repository https://ip2location-com.r-universe.dev

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`lookup` *Lookup for IP address geolocation and proxy information*

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 *Lookup an IP address's Autonomous system name and number*

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 *Lookup an IP address's coordinate*

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)
```

`lookupHostedDomain` *Lookup for domains hosted on an IP address.*

Description

Lookup for a list of hosted domain names by the IP address.

Usage

```
lookupHostedDomain(ip, page)
```

Arguments

ip	IPv4 or IPv6 address
page	(optional) Pagination result returns of the hosted domains. If unspecified, 1st page will be used.

Value

Return list of hosted domain names by the IP address

Examples

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

## End(Not run)
```

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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` *Set IP2Location.io API key*

Description

Set IP2Location.io API key for lookup. Free API key can be obtained from <https://www.ip2location.io/sign-up?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)
```

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