

# Package: ip2locationio (via r-universe)

November 12, 2024

**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

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**Config/pak/sysreqs** libpng-dev python3

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

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

**RemoteRef** HEAD

**RemoteSha** c74c4fc92174959066937f03592e7544cab7cbbe

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

Return all the geolocation and proxy information about the IP address

### Examples

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

## End(Not run)
```

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

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

**Usage**

```
lookupASNByIP(ip)
```

**Arguments**

ip	IPv4 or IPv6 address
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**Value**

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

**Examples**

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

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

Lookup for the IP address's coordinate

**Usage**

```
lookupCoordinateByIP(ip)
```

**Arguments**

ip	IPv4 or IPv6 address
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**Value**

Return the coordinate of the the IP address

**Examples**

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

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lookupCountryByIP      *Lookup an IP address's country*

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**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*

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**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)
```

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setApiKey                    *Set IP2Location.io API key*

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**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)
```

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