

# Package: ip2whois (via r-universe)

November 6, 2024

**Type** Package

**Title** Lookup 'WHOIS' Information for a Particular Domain

**Version** 1.0.0

**Maintainer** IP2WHOIS <support@ip2whois.com>

**Description** Easily implement the checking of 'WHOIS' information for a particular domain. 'IP2WHOIS' supports the query for 1113 Top-level Domains(TLDs) and 634 Country Code Top-level Domains(ccTLDs). To get started with a free API key, you may sign up at here <<https://www.ip2whois.com/register>>.

**License** MIT + file LICENSE

**Encoding** UTF-8

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

**SystemRequirements** IP2WHOIS Python library  
<<https://github.com/ip2whois/ip2whois-python>>

**RoxygenNote** 7.3.2

**NeedsCompilation** no

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

**Repository** <https://ip2whois.r-universe.dev>

**RemoteUrl** <https://github.com/cran/ip2whois>

**RemoteRef** HEAD

**RemoteSha** 9b13f3ed7b05a78107ae4badd0ed1d5c211a7a26

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get\_domain\_extension    *Get domain extension (gTLD or ccTLD) from URL or domain name*

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### Description

Get domain extension from a URL or domain.

### Usage

```
get_domain_extension(url)
```

### Arguments

url                    The URL or domain.

### Value

Return normal domain name in text

### Examples

```
## Not run:
get_domain_extension("example.com")

## End(Not run)
```

---

|                 |  |
|-----------------|--|
| get_normal_text | <i>Get Normal Text from a punycode</i> |
|-----------------|--|

---

**Description**

Get Normal Text from a punycode for domain name.

**Usage**

```
get_normal_text(domain)
```

**Arguments**

|        |                          |
|--------|--------------------------|
| domain | The punycode domain name |
|--------|--------------------------|

**Value**

Return normal domain name in text

**Examples**

```
## Not run:  
get_normal_text("xn--tst-qla.de")  
  
## End(Not run)
```

---

|              |                                     |
|--------------|-------------------------------------|
| get_punycode | <i>Get Punycode for domain name</i> |
|--------------|-------------------------------------|

---

**Description**

Get Punycode for domain name.

**Usage**

```
get_punycode(domain)
```

**Arguments**

|        |                                 |
|--------|---------------------------------|
| domain | domain name to get punycode for |
|--------|---------------------------------|

**Value**

Return the converted punycode of the domain

**Examples**

```
## Not run:  
get_punycode("täst.de")  
  
## End(Not run)
```

---

|        |                                     |
|--------|-------------------------------------|
| lookup | <i>Lookup for WHOIS information</i> |
|--------|-------------------------------------|

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**Description**

Lookup for a comprehensive of the WHOIS information

**Usage**

```
lookup(domain)
```

**Arguments**

domain            domain name to lookup for

**Value**

Return the WHOIS information about the domain

**Examples**

```
## Not run:  
lookup("example.com")  
  
## End(Not run)
```

---

|             |                                     |
|-------------|-------------------------------------|
| lookupAdmin | <i>Lookup for admin information</i> |
|-------------|-------------------------------------|

---

**Description**

Lookup for admin information

**Usage**

```
lookupAdmin(domain)
```

**Arguments**

domain            domain name to lookup for

**Value**

Return the admin information of the domain

**Examples**

```
## Not run:  
lookupAdmin("example.com")  
  
## End(Not run)
```

---

|               |                                       |
|---------------|---------------------------------------|
| lookupBilling | <i>Lookup for billing information</i> |
|---------------|---------------------------------------|

---

**Description**

Lookup for billing information

**Usage**

lookupBilling(domain)

**Arguments**

domain            domain name to lookup for

**Value**

Return the billing information of the domain

**Examples**

```
## Not run:  
lookupBilling("example.com")  
  
## End(Not run)
```

---

lookupNameservers      *Lookup for nameservers information*

---

**Description**

Lookup for nameservers information

**Usage**

```
lookupNameservers(domain)
```

**Arguments**

domain              domain name to lookup for

**Value**

Return the nameservers information of the domain

**Examples**

```
## Not run:  
lookupNameservers("example.com")  
  
## End(Not run)
```

---

lookupRegistrant      *Lookup for registrant information*

---

**Description**

Lookup for registrant information

**Usage**

```
lookupRegistrant(domain)
```

**Arguments**

domain              domain name to lookup for

**Value**

Return the registrant information of the domain

**Examples**

```
## Not run:  
lookupRegistrant("example.com")  
  
## End(Not run)
```

---

|                 |   |
|-----------------|---|
| lookupRegistrar | <i>Lookup for registrar information</i> |
|-----------------|---|

---

**Description**

Lookup for registrar information

**Usage**

```
lookupRegistrar(domain)
```

**Arguments**

domain            domain name to lookup for

**Value**

Return the registrar information of the domain

**Examples**

```
## Not run:  
lookupRegistrar("example.com")  
  
## End(Not run)
```

---

|            |                                    |
|------------|------------------------------------|
| lookupTech | <i>Lookup for tech information</i> |
|------------|------------------------------------|

---

**Description**

Lookup for tech information

**Usage**

```
lookupTech(domain)
```

**Arguments**

domain            domain name to lookup for

**Value**

Return the tech information of the domain

**Examples**

```
## Not run:  
lookupTech("example.com")  
  
## End(Not run)
```

---

lookupWhoisServer        *Lookup for whois server information*

---

**Description**

Lookup for whois server information

**Usage**

```
lookupWhoisServer(domain)
```

**Arguments**

domain            domain name to lookup for

**Value**

Return the whois server information of the domain

**Examples**

```
## Not run:  
lookupWhoisServer("example.com")  
  
## End(Not run)
```

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|             |                                   |
|-------------|-----------------------------------|
| set_api_key | <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**

```
set_api_key(api_key)
```

**Arguments**

|         |                        |
|---------|------------------------|
| api_key | IP2Location.io API key |
|---------|------------------------|

**Value**

No return value, called for side effects.

**Examples**

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

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