

Package ‘ip2whois’

May 8, 2026

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>>.

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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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Repository CRAN

Date/Publication 2024-11-04 12:40:06 UTC

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get_domain_extension *Get domain extension (gTLD or ccTLD) from URL or domain name*

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 *Get Normal Text from a punycode*

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)
```

<code>get_punycode</code>	<i>Get Punycode for domain name</i>
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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 *Lookup for WHOIS information*

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 *Lookup for admin information*

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>
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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	<i>Lookup for nameservers information</i>
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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>
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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>
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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	<i>Lookup for whois server information</i>
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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)
```

set_api_key	<i>Set IP2Location.io API key</i>
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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

```
set_api_key(api_key)
```

`set_api_key`

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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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