

Package ‘Rwhois’

January 22, 2022

Title WHOIS Server Querying

Version 1.0.9

Date 2022-01-22

Author Brad Cable

Maintainer Brad Cable <brad@bcable.net>

Description Queries data from WHOIS servers.

Imports stringr, utils

License MIT + file LICENSE

NeedsCompilation no

Repository CRAN

Date/Publication 2022-01-22 10:22:41 UTC

R topics documented:

Rwhois	1
Index	3

Rwhois	<i>WHOIS server querying</i>
--------	------------------------------

Description

Queries WHOIS servers

Usage

```
whois_query(hostname, server="whois.iana.org",
  follow.refer=TRUE, raw.data=FALSE, debug=FALSE
)
whois_keyextract(query_ret, keys)
```

Arguments

hostname	Server hostname (or hostnames as vector) to return results for.
server	WHOIS server to query (default: whois.iana.org)
follow.refer	Whether to follow referral information from a WHOIS result to query a different WHOIS server. Default TRUE.
raw.data	Whether to dump raw output as a character string without parsing. Default FALSE. If TRUE, this option supercedes follow.refer and forces it FALSE.
query_ret	data.frame that was returned from whois_query()
keys	Single string or vector of strings, case-insensitive, of what keys to look for in-order to return back values of from the whois return
debug	Boolean if you want debug prints (good for large quantities of manual data)

Value

whois_query() returns a data.frame whois_keyextract() returns a vector

Author(s)

Brad Cable

Examples

```
# Grab WHOIS data for a hostname
whois_query("bcable.net")

# Grab WHOIS data for an IP
whois_query("1.1.1.1")

# Grab WHOIS data for a hostname from a different whois server
whois_query("bcable.net", server="whois.verisign-grs.com")

# Grab multiple vectorized results
domains <- c("bcable.net", "google.com")
whois_query(domains)

# Extract Country Info About IP Addresses
ip_addresses <- c("1.1.1.1", "4.2.2.4", "8.8.8.8")
query_ret <- whois_query(ip_addresses)
countries <- whois_keyextract(query_ret, "country")

# Extract Organization Info From Same IPs
organization_names <- whois_keyextract(query_ret,
  c("org-name", "orgname", "organisation", "organization")
)
```

Index

- * **Rwhois**

 - Rwhois, 1

- * **whois_keyextract**

 - Rwhois, 1

- * **whois_query**

 - Rwhois, 1

- * **whois**

 - Rwhois, 1

Rwhois, 1

Rwhois::whois_keyextract (Rwhois), 1

Rwhois::whois_query (Rwhois), 1

whois_keyextract (Rwhois), 1

whois_query (Rwhois), 1