

# Package ‘Rwhois’

July 21, 2025

**Title** WHOIS Server Querying  
**Version** 1.0.16  
**Date** 2024-03-14  
**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** 2024-03-15 03:30:02 UTC

## Contents

Rwhois	1
<b>Index</b>	<b>3</b>

---

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, blacklist_values=NULL, unlist.recursive=TRUE)
```

**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)
blacklist_values	Character or vector of values (or starting values) to skip when searching
unlist.recursive	Boolean if you want the unlist at the end to pass recursively

**Value**

whois\_query() returns a data.frame whois\_keyextract() returns a vector

**Author(s)**

Brad Cable

**Examples**

```
# 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", "4.2.2.4")
whois_query(domains)

# Extract Country Info About IP Addresses
ip_addresses <- c("1.1.1.1", "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