Package: Rwhois (via r-universe)

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Title WHOIS Server Querying

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Description Queries data from WHOIS servers.

Imports stringr, utils

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NeedsCompilation no

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Repository https://bcable.r-universe.dev

RemoteUrl https://github.com/cran/Rwhois

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Rwhois *WHOIS server querying*

Description

Queries WHOIS servers

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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)

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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")
)
```

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