

# Package ‘scrappy’

January 9, 2021

**Title** A Simple Web Scraper

**Version** 0.0.1

**Description** A group of functions to scrape data from different websites, for academic purposes.

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.1.1

**URL** <https://github.com/villegar/scrappy/>,  
<https://villegar.github.io/scrappy/>

**BugReports** <https://github.com/villegar/scrappy/issues/>

**Language** en-GB

**Imports** magrittr, rvest, xml2

**NeedsCompilation** no

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**Repository** CRAN

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 newa\_nrcc

*Retrieve data from NEWA at Cornell University*


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### Description

Retrieve Weather data from the Network for Environment and Weather Applications (NEWA) at Cornell University.

### Usage

```
newa_nrcc(
  client,
  year,
  month,
  station,
  base = "http://newa.nrcc.cornell.edu/newaLister",
  interval = "hly",
  sleep = 6,
  table_id = "#dtable",
  path = getwd(),
  save_file = TRUE
)
```

### Arguments

client	RSelenium client.
year	Numeric value with the year.
month	Numeric value with the month.
station	String with the station abbreviation. Check the <a href="http://newa.cornell.edu/index.php?page=station-pages">http://newa.cornell.edu/index.php?page=station-pages</a> for a list.
base	Base URL (default: <a href="http://newa.nrcc.cornell.edu/newaLister">http://newa.nrcc.cornell.edu/newaLister</a> ).
interval	String with data interval (default: hly, hourly).
sleep	Numeric value with the number of seconds to wait for the page to load the results (default: 6 seconds).
table_id	String with the unique HTML ID assigned to the table containing the data (default: #dtable)
path	String with path to location where CSV files should be stored (default: getwd()).
save_file	Boolean flag to indicate whether or not the output should be stored as a CSV file.

### Value

Tibble with the data retrieved from the server.

### **Examples**

```
## Not run:  
# Create RSelenium session  
rD <- RSelenium::rsDriver(browser = "firefox", port = 4544L, verbose = FALSE)  
# Retrieve data for the Geneva (Bejo) station on 2020/12  
scrappy::nawa_nrcc(rD$client, 2020, 12, "gbe")  
# Stop server  
rD$server$stop()  
  
## End(Not run)
```

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