

# Package: ntfy (via r-universe)

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**Title** Lightweight Wrapper to the ntfy.sh Service

**Version** 0.0.5

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**Description** ntfy (pronounce: notify) is a simple HTTP-based pub-sub notification service. It allows you to send notifications to your phone or desktop via scripts from any computer, entirely without signup, cost or setup. It's also open source if you want to run your own. Visit <https://ntfy.sh> for more details.

**License** MIT + file LICENSE

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.2.3

**Imports** htr2, jsonlite

**URL** <https://github.com/jonocarroll/ntfy>

**BugReports** <https://github.com/jonocarroll/ntfy/issues>

**Depends** R (>= 4.1)

**LazyData** true

**Suggests** ggplot2, testthat (>= 3.0.0)

**Config/testthat/edition** 3

**Repository** <https://jonocarroll.r-universe.dev>

**RemoteUrl** <https://github.com/jonocarroll/ntfy>

**RemoteRef** HEAD

**RemoteSha** e8725180cbdd267e1487df4ae9064eefd045f2ea

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emoji

*Emoji*

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## Description

Emoji symbols available in ntfy

## Usage

emoji

## Format

emoji:

A data frame with 7,240 rows and 60 columns:

**emoji** Symbol

**aliases** Name of the emoji that can be used in a tag

**tags** Alternative names

**category** Category

**description** Description

**unicode\_version** Unicode Version ...

## Source

<https://github.com/binwiederhier/ntfy/blob/main/web/src/app/emojis.js>

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ntfy_auth	<i>Get the ntfy authorization indicator</i>
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**Description**

Get the ntfy authorization indicator

**Usage**

```
ntfy_auth(var = "NTFY_AUTH")
```

**Arguments**

var environment variable in which the ntfy authorization indicator is stored

**Value**

a logical that indicates if password authorization is used

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ntfy_done	<i>Notify Completion of a Process</i>
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**Description**

Notify Completion of a Process

**Usage**

```
ntfy_done(  
  x,  
  message = paste0("Process completed at ", Sys.time()),  
  title = "ntfy_done()",  
  tags = "white_check_mark",  
  topic = ntfy_topic(),  
  server = ntfy_server(),  
  auth = ntfy_auth(),  
  username = ntfy_username(),  
  password = ntfy_password(),  
  ...  
)
```

**Arguments**

x	a result (ignored)
message	text to send as notification
title	title of notification. See <a href="https://docs.ntfy.sh/publish/#message-title">https://docs.ntfy.sh/publish/#message-title</a>
tags	text tags or emoji shortcodes from <a href="https://docs.ntfy.sh/emojis/">https://docs.ntfy.sh/emojis/</a> , provided as a list
topic	subscribed topic to which to send notification
server	ntfy server
auth	logical indicating if the topic requires password authorization
username	username with access to a protected topic.
password	password with access to a protected topic.
...	other arguments passed to <a href="#">ntfy_send()</a>

**Value**

the input x (for further piping) plus a notification will be sent

---

ntfy\_done\_with\_timing *Notify Completion of a Process with Timing*

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**Description**

Notify Completion of a Process with Timing

**Usage**

```
ntfy_done_with_timing(  
  x,  
  message = paste0("Process completed in ", time_result, "s"),  
  title = "ntfy_done_with_timing()",  
  tags = "stopwatch",  
  topic = ntfy_topic(),  
  server = ntfy_server(),  
  auth = ntfy_auth(),  
  username = ntfy_username(),  
  password = ntfy_password(),  
  ...  
)
```

**Arguments**

x	expression to be evaluated and timed
message	text to send as notification
title	title of notification. See <a href="https://docs.ntfy.sh/publish/#message-title">https://docs.ntfy.sh/publish/#message-title</a>
tags	text tags or emoji shortcodes from <a href="https://docs.ntfy.sh/emojis/">https://docs.ntfy.sh/emojis/</a> , provided as a list
topic	subscribed topic to which to send notification
server	ntfy server
auth	logical indicating if the topic requires password authorization
username	username with access to a protected topic.
password	password with access to a protected topic.
...	other arguments passed to <a href="#">ntfy_send()</a>

**Value**

the result of evaluating x (for further piping) plus a notification will be sent

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ntfy_history	<i>Retrieve History of Notifications</i>
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**Description**

Retrieve History of Notifications

**Usage**

```
ntfy_history(
  since = "all",
  topic = ntfy_topic(),
  server = ntfy_server(),
  auth = ntfy_auth(),
  username = ntfy_username(),
  password = ntfy_password(),
  ...
)
```

**Arguments**

since	duration (e.g. "10m" or "30s"), a Unix timestamp (e.g. "1635528757"), a message ID (e.g. "nFS3knfcQ1xe"), or "all" (all cached messages)
topic	subscribed topic to which to send notification
server	ntfy server
auth	logical indicating if the topic requires password authorization
username	username with access to a protected topic.
password	password with access to a protected topic.
...	any other (named) query parameters to add to the request

**Value**

a `data.frame()` with one row per notification, with columns as described in the documentation

**See Also**

<https://ntfy.sh/docs/subscribe/api/#json-message-format>

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ntfy_password	<i>Get the ntfy password</i>
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**Description**

Get the ntfy password

**Usage**

```
ntfy_password(var = "NTFY_PASSWORD")
```

**Arguments**

var environment variable in which the password is stored

**Value**

the password for the username with access to the protected ntfy topic

---

ntfy_send	<i>Send a Notification</i>
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**Description**

Send a Notification

**Usage**

```
ntfy_send(
  message = "test",
  title = NULL,
  tags = NULL,
  priority = 3,
  actions = NULL,
  click = NULL,
  image = NULL,
  attach = NULL,
  filename = NULL,
```

```
    delay = NULL,  
    email = NULL,  
    topic = ntfy_topic(),  
    server = ntfy_server(),  
    auth = ntfy_auth(),  
    username = ntfy_username(),  
    password = ntfy_password()  
  )
```

### Arguments

message	text to send as notification
title	title of notification. See <a href="https://docs.ntfy.sh/publish/#message-title">https://docs.ntfy.sh/publish/#message-title</a>
tags	text tags or emoji shortcodes from <a href="https://docs.ntfy.sh/emojis/">https://docs.ntfy.sh/emojis/</a> , provided as a list
priority	Message priority with 1=min, 3=default and 5=max. See <a href="https://docs.ntfy.sh/publish/#message-priority">https://docs.ntfy.sh/publish/#message-priority</a>
actions	Custom user action buttons for notifications. See <a href="https://docs.ntfy.sh/publish/#action-buttons">https://docs.ntfy.sh/publish/#action-buttons</a>
click	Website opened when notification is clicked. See <a href="https://docs.ntfy.sh/publish/#click-action">https://docs.ntfy.sh/publish/#click-action</a>
image	Image to include in the body of the notification. Either a ggplot object or a filename.
attach	URL of an attachment, see attach via URL. See <a href="https://docs.ntfy.sh/publish/#attach-file-from-url">https://docs.ntfy.sh/publish/#attach-file-from-url</a>
filename	File name of the attachment
delay	Timestamp or duration for delayed delivery
email	E-mail address for e-mail notifications??
topic	subscribed topic to which to send notification
server	ntfy server
auth	logical indicating if the topic requires password authorization
username	username with access to a protected topic.
password	password with access to a protected topic.

### Value

a `httr2::response()` object

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ntfy_server	<i>Get the ntfy server</i>
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**Description**

Get the ntfy server

**Usage**

```
ntfy_server(var = "NTFY_SERVER")
```

**Arguments**

var                    environment variable in which the server URL is stored

**Value**

the ntfy server URL

---

ntfy_topic	<i>Get the ntfy topic</i>
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**Description**

Get the ntfy topic

**Usage**

```
ntfy_topic(var = "NTFY_TOPIC")
```

**Arguments**

var                    environment variable in which the topic is stored

**Value**

the ntfy topic to which the user should be subscribed



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ntfy_username	<i>Get the ntfy username</i>
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**Description**

Get the ntfy username

**Usage**

```
ntfy_username(var = "NTFY_USERNAME")
```

**Arguments**

var                    environment variable in which the username is stored

**Value**

the username with access to the protected ntfy topic

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show_emoji	<i>Show an emoji symbol, or find one by name</i>
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**Description**

Show an emoji symbol, or find one by name

**Usage**

```
show_emoji(name = NULL, search = FALSE)
```

**Arguments**

name                    name of emoji to either print or find  
search                   search the tags column for this name?

**Details**

Emoji are loaded with `data("emoji")` and the `aliases` column contains the names compatible with ntfy. Alternative names are included in the `tags` column and these will be searched if the name is not found in `aliases`.

**Value**

nothing, just prints the emoji if one or more are found

---

tags

*Emoji tags*

---

**Description**

Emoji symbols compatible with ntfy to be used as tags

**Usage**

tags

**Format**

An object of class `list` of length 1855.

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