

Ready Signal API - R 3.6+

This library is designed to be a wrapper for the Ready Signal API: <http://app.readysignal.com>

It is hosted on GitHub here: <https://github.com/rxa-io/readysignal-r>

Please direct all questions and/or recommendations to davis.busteed@rxa.io

Installation

```
library(devtools)
devtools::install_github("rxa-io/readysignal-r")
```

Usage

Your **access token** and **signal ID** can be found on your "Manage Signal" page within the Output information.

Your signal ID is also visible within the URL of the "Manage Signal" page:

```
https://...readysignal.com/signal/SIGNAL_ID/manage
```

Setup

```
library(readysignal)

access_token <- "YOUR_ACCESS_TOKEN"
signal_id <- 123 # (your signal ID)
```

List Signals

Using your `access_token`, you can list all signals and metadata that are associated with your Ready Signal account.

```
list_signals(access_token)
```

Example output:

	id	name	description	...	links.manage
1	7	test signal	first signal	...	https://app.readysignal.com/signal/7/manage
2	11	another signal	a very useful signal	...	https://app.readysignal.com/signal/11/manage
3	13	one more signal	important stuff	...	https://app.readysignal.com/signal/13/manage

Signal Details

Using your `access_token` and your `signal_id` you can view the details of a specific signal.

```
get_signal_details(access_token, signal_id)
```

Signal Data

There are two different ways to receive your signal data: * R data.frame * CSV export

data.frame

```
df <- get_signal(access_token, signal_id)
```

Example output:

	start	end	country	actual-snow-fall	...	population-total
1	2019-11-01	2019-11-30	United States of America	160205.00	...	308745538.00
2	2019-12-01	2019-12-31	United States of America	219691.00	...	308745538.00
3	2020-01-01	2020-01-31	United States of America	220869.00	...	308745538.00

CSV export

```
signal_to_csv(access_token, signal_id, "my_signal.csv")
```

Help

Use the built-in `help()` command to view function descriptions, etc.

```
help(signal_to_csv)
```