

Package ‘RWeather’

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Type Package

Title R wrapper around the Yahoo! Weather, Google Weather and NOAA APIs

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Description This package provides programmatic access to Yahoo! Weather and NOAA APIs

Depends R (>= 2.11.0), XML

License GPL-2

LazyLoad yes

Collate 'rweather.r'

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NeedsCompilation no

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getWeatherFromNOAA *Retrieve weather report from NOAA: National Oceanic and Atmospheric Administration (United States)*

Description

This function will get the weather forecast conditions for a given station

Usage

```
getWeatherFromNOAA(station_id = "KJFK", message = FALSE)
```

Arguments

station_id	the ID of the weather station near the necessary location To find your station ID, open http://www.weather.gov/xml/current_obs/seek.php?state=az&Find=Find select the desired state and retrieve the Observation Location: the station_id is the string within the () parentheses.
message	If TRUE (default FALSE) the function returns a message summarizing the weather forecast for the location of interest

Value

A data.frame containing the weather information for the given station

Examples

```
## Not run:
library("RWeather")
getWeatherFromNOAA(station_id="KJFK") # current observation for New York

## End(Not run)
```

getWeatherFromYahoo *Retrieve weather forecast for a given location using Yahoo API*

Description

This function will get the weather forecast conditions for a given location

Usage

```
getWeatherFromYahoo(location_id = "10001",
  units = "metric", message = FALSE)
```

Arguments

<code>location_id</code>	A five digit US zip code or location ID. To find your location ID, browse or search for your city from the Weather home page(http://weather.yahoo.com/) The weather ID is in the URL for the forecast page for that city. You can also get the location ID by entering your zip code on the home page. For example, if you search for Los Angeles on the Weather home page, the forecast page for that city is http://weather.yahoo.com/forecast/USCA0638.html . The location ID is USCA0638.
<code>units</code>	A character either 'metric' (default) for metric units or 'n' for non metric units
<code>message</code>	If TRUE (default FALSE) the function returns a message summarizing the weather forecast for the location of interest

Value

A list containing a list with the weather information for the given location and a data.frame with the forecasts

Examples

```
## Not run:  
library("RWeather")  
getWeatherFromYahoo("10001")  
  
## End(Not run)
```

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