

# Package ‘FlickrAPI’

January 30, 2019

**Title** Access to Flickr API

**Version** 0.1.0.0

**Description** Provides an interface to the Flickr API <<https://www.flickr.com/services/api/>> and allows R users to download data on Flickr.

**Depends** R (>= 3.1)

**License** GPL-2 | file LICENSE

**Encoding** UTF-8

**LazyData** true

**Imports** magrittr, RCurl, jsonlite, stringr

**Suggests** knitr, rmarkdown

**VignetteBuilder** knitr

**RoxygenNote** 6.1.1

**NeedsCompilation** no

**Author** Koki Ando [aut, cre]

**Maintainer** Koki Ando <[koki.25.ando@gmail.com](mailto:koki.25.ando@gmail.com)>

**Repository** CRAN

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 FlickrAPI

*FlickrAPI: Access to Flickr API via R*


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### Description

An R package that provides an interface to the Flickr API <<https://www.flickr.com/services/api/>>, which allows R users to download publicly available data on Flickr feed such as location, exif, list of photos posted by specific user.

### Author(s)

Koki Ando <koki.25.ando@gmail.com>

### See Also

<https://www.flickr.com/services/api/>

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getExif

*Returns a data of EXIF data for a given photo.*


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### Description

Return a data of EXIS data for a given photo. The calling user must have permission to view the photo.

### Usage

```
getExif(api_key, photo_id)
```

### Arguments

api_key	Your API application key
photo_id	The id of the photo to fetch information for

### Value

This function returns a dataframe of Exif information of given photograph

### Author(s)

Koki Ando <koki.25.ando@gmail.com>

### Examples

```
## Not run:
  getExif(api_key="XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX", photo_id="45961963324")

## End(Not run)
```

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getHotTags	<i>Returns a list of hot tags for the given period.</i>
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**Description**

Returns a list of hot tags for the given period.

**Usage**

```
getHotTags(api_key, period = "day", count = 20)
```

**Arguments**

api_key	Your API application key
period	The period for which to fetch hot tags. Valid values are day and week. Defaults to day
count	The number of tags to return. Defaults to 20. Maximum allowed value is 200.

**Value**

This function a data frame of hot tags for the given period

**Author(s)**

Koki Ando

**Examples**

```
## Not run:  
getHotTags(api_key = "*****",  
            period = "day", count=20)  
  
## End(Not run)
```

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getPhotoInfo	<i>Download Flickr Photo Data</i>
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**Description**

R access to photo information of photos posted on flickr via flickr API interface

**Usage**

```
getPhotoInfo(api_key, photo_id, output = c("Location", "Date", "URL",  
      "Tags"))
```

**Arguments**

api_key	Your API application key
photo_id	The id of the photo to get information for
output	Output data type. It depends on what you are interested in. You have to choose from Location, Date, URL or Tags.

**Value**

This function returns data of specific photo's information.

**Author(s)**

Koki Ando <koki.25.ando@gmail.com>

**Examples**

```
## Not run:
  getPhotoInfo(api_key = "XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX", photo_id="30484882493",
              output="location")

## End(Not run)
```

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getPhotos

*Photos from the given user's photostream*

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**Description**

Returns photos from the given user's photostream. Only photos visible to the calling user will be returned.

**Usage**

```
getPhotos(api_key, user_id)
```

**Arguments**

api_key	Your API application key
user_id	The NSID of the user who's photos to return. A value of me return the calling user's photos

**Value**

This function return data . frame including columns:

- id
- owner
- secret
- server
- farm
- title
- ispublic
- isfriend
- isfamily

**Author(s)**

Koki Ando <koki.25.ando@gmail.com>

**Examples**

```
## Not run:  
  getPhotos(api_key="XXXXXXXXXXXXXXXXXXXXXXXXXXXX", user_id="141696738@N08")  
  
## End(Not run)
```

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