

Package ‘RLastFM’

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album.getInfo	<i>API call to album.getInfo</i>
---------------	----------------------------------

Description

API call to album.getInfo

Usage

```
album.getInfo(album = NA, artist = NA, mbid = NA, key = lastkey, parse = TRUE)
```

Arguments

album	Name of the album, in quotes
artist	Name of the artist, in quotes
mbid	Optionally, use the album mbid instead of album and artist
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

album	name of the album
artist	name of the artist
mbid	mbid for the album
releasedate	album release date
listeners	reported number of listeners
playcount	reported playcount

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=290>

Examples

```
res = album.getInfo(album = "Yankee Hotel Foxtrot", artist = "Wilco")

#res$releasedate
#[1] "17 Feb 2004"
```

album.search

API call to album.search

Description

API call to album.search

Usage

```
album.search(searchterm, key = lastkey, limit = NA, parse = TRUE)
```

Arguments

searchterm	Search term, in quotes.
key	API key, defaults to global variable lastkey
limit	Return limit. Defaults to maximum of 30.
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

album	Name of matching albums
artist	Name of matching artists

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

The API is sensitive to spelling. For example, searching for "Yanke Hotel Foxtrot" will return 0 results.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=357>

Examples

```

res = album.search("Yankee Hotel")
#res
#$album
#[1] "Yankee Hotel Foxtrot"      "Yankee Hotel Foxtrot Demos"
#
#$artist
#[1] "Wilco" "Wilco"

```

artist.getEvents *API call to artist.getEvents*

Description

API call to artist.getEvents

Usage

```
artist.getEvents(artist, key = lastkey, parse = TRUE)
```

Arguments

artist	Name of the artist, in quotes
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

name	Name of the event
id	Event ID
date	Event date
headliner	Event headliner - one artist
venue	Venue name
city	Venue city
zip	Venue zip code
lat	Venue latitude
long	Venue longitude
artists	all event artists. If more than one artist, returned as a list.

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=117>

Examples

```
res = artist.getEvents("Wilco")

#res$name[1:10]
#[1] "Two Nights With Wilco" "Two Nights With Wilco" "Wilco"
#[4] "Wilco"                "Wilco"                "Wilco"
#[7] "Wilco"                "Wilco"                "Wilco"
#[10] "Wilco"
```

artist.getInfo *API call to artist.getInfo*

Description

API call to artist.getInfo

Usage

```
artist.getInfo(artist, mbid = NA, key = lastkey, parse = TRUE)
```

Arguments

artist	Name of the artist, in quotes
mbid	Optionally, use the artist mbid instead and artist
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

artist	Artist's name
mbid	Artist mbid
listeners	Reported number of listeners
playcount	Reported playcount

similar List of similar artists

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling errors.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=267>

Examples

```
res = artist.getInfo(artist = "Wilco")  
  
#res$playcount  
#[1] "21650801"
```

artist.getShouts *API call to artist.getShouts*

Description

API call to artist.getShouts

Usage

```
artist.getShouts(artist, key = lastkey, parse = TRUE)
```

Arguments

artist	Name of the artist, in quotes
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

username	Username
shout	Text of shout
date	Date that shout was entered

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=397>

Examples

```
res = artist.getShouts(artist = "Wilco")

#length(res$shout)
#[1] 1124
```

artist.getSimilar *API call to artist.getSimilar*

Description

API call to artist.getSimilar

Usage

```
artist.getSimilar(artist, limit = NA, key = lastkey, parse = TRUE)
```

Arguments

artist	Name of the artist, in quotes
limit	Limit number of results. Defaults to maximum value of 100
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE, If it is a LIST, use

name	Artist name
mbid	Artist mbid
match	last.fm metric for artist similarity

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=119>

Examples

```
res = artist.getSimilar(artist = "Wilco")

#res$name[1:10]
#[1] "Jeff Tweedy"           "Billy Bragg & Wilco"
#[3] "Uncle Tupelo"         "Loose Fur"
#[5] "Golden Smog"          "My Morning Jacket"
#[7] "The Minus 5"          "Son Volt"
#[9] "Ryan Adams & The Cardinals" "The Jayhawks"
```

artist.getTopAlbums *API call to artist.getTopAlbums*

Description

API call to artist.getTopAlbums

Usage

```
artist.getTopAlbums(artist, mbid = NA, key = lastkey, parse = TRUE)
```

Arguments

artist	Name of the artist, in quotes
mbid	Optionally, use the artist mbid instead of artist
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

album	name of the album
mbid	mbid of the album
playcount	Reported album playcount
rank	last.fm statistic. Ranks the albums of an artist. Does not correspond strictly to playcount.

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=287>

Examples

```
res = artist.getTopAlbums("Wilco")
#res$album[1:10]
# [1] "Yankee Hotel Foxtrot" "Sky Blue Sky" "A Ghost Is Born"
# [4] "Summerteeth" "Being There (disc 1)" "Being There (disc 2)"
# [7] "A.M." "Summer Teeth" "Being There"
#[10] "Being There [disc 1]"
#res$playcount[1:10]
# [1] "678920" "538416" "282167" "243394" "65417" "40064" "117113" "72469"
# [9] "71899" "31195"
```

artist.getTopFans *API call to artist.getTopFans*

Description

API call to artist.getTopFans

Usage

```
artist.getTopFans(artist, mbid = NA, key = lastkey, parse = TRUE)
```

Arguments

artist	Name of the artist, in quotes
mbid	Optionally, use the artist mbid instead of artist
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

username	Fan username
weight	weight of the fan

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=310>

Examples

```
res = artist.getTopFans("Wilco")
plot(log(res$weight), type = "b")
```

artist.getTopTags *API call to artist.getTopTags*

Description

API call to artist.getTopTags

Usage

```
artist.getTopTags(artist, mbid = NA, key = lastkey, parse = TRUE)
```

Arguments

artist	Name of the artist, in quotes
mbid	Optionally, use the artist mbid instead of artist
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

tag	name of tag
count	tag count, normalized to most popular tag = 100.

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=288>

Examples

```
res = artist.getTopTags("Wilco")

#res[[1]][1:10]
# [1] "indie"           "Alt-country"     "indie rock"
# [4] "rock"           "alternative"     "folk"
# [7] "americana"     "wilco"          "singer-songwriter"
#[10] "indie pop"
#res[[2]][1:10]
# [1] "100" "99"  "59"  "45"  "43"  "33"  "22"  "9"   "7"   "7"
```

artist.getTopTracks *API call to artist.getTopTrack*

Description

API call to artist.getTopTrack

Usage

```
artist.getTopTracks(artist, mbid = NA, key = lastkey, parse = TRUE)
```

Arguments

artist	Name of the artist, in quotes
mbid	Optionally, use the artist mbid instead of artist
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

track	Track title
playcount	Reported playcount
rank	Rank. Not necessarily in order of playcount.

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=277>

Examples

```

res = artist.getTopTracks("Wilco")
#res[[1]][1:10]
# [1] "Kamera" "Jesus, etc."
# [3] "War On War" "Heavy Metal Drummer"
# [5] "I Am Trying to Break Your Heart" "Pot Kettle Black"
# [7] "I'm the Man Who Loves You" "Impossible Germany"
# [9] "Ashes of American Flags" "Radio Cure"
#res[[2]][1:10]

```

artist.search

API call to artist.search

Description

API call to artist.search

Usage

```
artist.search(searchterm, limit = NA, page = NA, key = lastkey, parse = TRUE)
```

Arguments

searchterm	Search term, in quotes
limit	limit of results to return. Defaults to maximum value of 20.
page	Results are paginated. If more than the first 20 results are requested, start at page = 2.
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

artist	Artist name
mbid	Artist mbid

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=272>

Examples

```
res = artist.search("Rolling")
#res$artist[1:3]
# [1] "The Rolling Stones"
# [2] "Rolling Stones"
# [3] "Rolling Stones & Dave Matthews"
```

event.getInfo	<i>API call to event.getInfo</i>
---------------	----------------------------------

Description

API call to event.getInfo

Usage

```
event.getInfo(event, key = lastkey, parse = TRUE)
```

Arguments

event	Event ID. Can be found using artist.getEvents. See example.
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

event	Event name
headliner	Event headliner. One artist.
venue	Venue name
street	Venue street address
city	Venue city
postalcode	Venue postal code
country	Venue country
lat	Venue latitude
long	Venue longitude
artists	If more than one artist is playing at event, a list of all artists.

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=292>

Examples

```
res = event.getInfo(artist.getEvents("Wilco")$id[1])
#with(res, paste(c(venue, street, city, postalcode), collapse = ", "))
```

event.getShouts *API call to event.getShouts*

Description

API call to event.getShouts

Usage

```
event.getShouts(event, key = lastkey, parse = TRUE)
```

Arguments

event	Event ID. Can be found using artist.getEvents. See example.
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

username	Username
body	Body of shout
date	Date of shout

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

Not very many people have left shouts for events, so it has been hard to find an example that works.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=399>

Examples

```
res = event.getShouts("1039365")
```

geo.getEvents	<i>API call to geo.getEvents</i>
---------------	----------------------------------

Description

API call to geo.getEvents

Usage

```
geo.getEvents(location = NA, lat = NA, long = NA, page = NA, distance = NA, key = lastkey, parse = TRUE)
```

Arguments

location	Location to find events. Accepts city, state, and country arguments.
lat	Latitude to find events
long	Longitude to find events
page	Results are paginated. If more than the default 10 results are desired, choose a subsequent page.
distance	Distance from location or lat/long to search for events
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

eventid	Event ID
title	Event name
headliner	Headliner. One artist.
venue	Venue name
venueid	Venue ID
city	Venue city

zip	Venue postal code
lat	Venue latitude
long	Venue longitude
artists	If more than one artist is playing at event, a list of all artists.

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=270>

Examples

```
res = geo.getEvents("Davis, CA")
#res$venue
```

`geo.getTopArtists` *API call to geo.getTopArtists*

Description

API call to `geo.getTopArtists`

Usage

```
geo.getTopArtists(country, key = lastkey, parse = TRUE)
```

Arguments

country	Country name
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

artist	Artist name
playcount	Reported playcount
mbid	Artist mbid
rank	rank

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=297>

Examples

```
res = geo.getTopArtists("Canada")
do.call("cbind", res)[1,1:2]
#   artist  playcount
# "Radiohead"      "4103"
```

geo.getTopTracks *API call to geo.getTopTracks*

Description

API call to geo.getTopTracks

Usage

```
geo.getTopTracks(country, key = lastkey, parse = TRUE)
```

Arguments

country	Country name
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

track	Track name
playcount	Reported playcount
artist	Artist name
artistmbid	Artist mbid
rank	rank

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=298>

Examples

```
res = geo.getTopTracks("Albania")
do.call("cbind", res)[1,1:3]
#      track      playcount      artist
# "Sex on Fire"          "6" "Kings of Leon"
```

group.getMembers *API call to group.getMembers*

Description

API call to group.getMembers

Usage

```
group.getMembers(group, key = lastkey, parse = TRUE)
```

Arguments

group	name of a group, in quotes
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

username usernames

realname real names

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling errors.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=379>

Examples

```
res = group.getMembers("jazz")
```

```
#res$username[1]
```

```
#[1] "ornithoptera_"
```

`group.getWeeklyAlbumChart`

API call to group.getWeeklyAlbumChart

Description

Not currently documented.

`group.getWeeklyArtistChart`

API call to group.getWeeklyArtistChart

Description

Not currently documented.

```
group.getWeeklyChartList
```

API call to group.getWeeklyChartList

Description

Not currently documented.

```
group.getWeeklyTrackChart
```

API call to group.getWeeklyTrackChart

Description

Not currently documented.

```
library.getAlbums
```

API call to library.getAlbums

Description

API call to library.getAlbums

Usage

```
library.getAlbums(username, limit = NA, page = NA, key = lastkey, parse = TRUE)
```

Arguments

username	Username, in quotes
limit	Number of albums to return. Default/max = 50.
page	Page number to start, given limit per page.
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

album	Names of albums
artist	Names of artists
playcount	album playcount
albmbid	Album mbid
artmbid	Artist mbid

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling errors.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=321>

Examples

```
library.getAlbums("monkeycatfm")$artist[1]
#[1] "De La Soul"
```

```
library.getAlbums("monkeycatfm")$playcount[1]
#[1] 436
```

library.getArtists *API call to library.getArtists*

Description

API call to library.getArtists

Usage

```
library.getArtists(username, limit = NA, page = NA, key = lastkey, parse = TRUE)
```

Arguments

username	Username, in quotes
limit	Number of albums to return. Default/max = 50.
page	Page number to start, given limit per page.
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

artist	Names of artists
playcount	album playcount
artmbid	artist mbid

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling errors.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=371>

Examples

```
library.getArtists("monkeycatfm")$artist[1]
#[1] "A Tribe Called Quest"
```

```
library.getArtists("monkeycatfm")$playcount[1]
#[1] 1880
```

library.getTracks	<i>API call to library.getTracks</i>
-------------------	--------------------------------------

Description

API call to library.getTracks

Usage

```
library.getTracks(username, limit = NA, page = NA, key = lastkey, parse = TRUE)
```

Arguments

username	Username, in quotes
limit	Number of albums to return. Default/max = 50.
page	Page number to start, given limit per page.
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

track	track name
artist	artist name
playcount	track playcount
artmbid	artist mbid

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling errors.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=323>

Examples

```
library.getTracks("monkeycatfm")[1]
#[1] "Intro"
```

```
library.getTracks("monkeycatfm")[1]
#[1] 69
```

playlist.fetch	<i>Fetch contents of a lastfm:// playlist</i>
----------------	---

Description

Fetch contents of a lastfm:// playlist

Usage

```
playlist.fetch(playlistURL, key = lastkey, parse = TRUE)
```

Arguments

playlistURL	playlist URL of the form lastfm://....
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

title	track title
artist	track artist

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling errors.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=271>

Examples

```
playlist.fetch("lastfm://playlist/album/2026126")
```

tag.getSimilar	<i>API call to tag.getSimilar</i>
----------------	-----------------------------------

Description

API call to tag.getSimilar

Usage

```
tag.getSimilar(tag, key = lastkey, parse = TRUE)
```

Arguments

tag	tag
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

tag	similar tags
-----	--------------

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=311>

Examples

```
tag.getSimilar("jazz")[1:5]
#[1] "piano"      "swing"      "jazz piano" "saxophone" "fusion"
```

tag.getTopAlbums	<i>API call to tag.getTopAlbums</i>
------------------	-------------------------------------

Description

API call to tag.getTopAlbums

Usage

```
tag.getTopAlbums(tag, key = lastkey, parse = TRUE)
```

Arguments

tag	tag
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

album	album title
artist	album artist
albmbid	album mbid
artmbid	artist mbid
tagcount	relative tag count - top result set at 100.

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=283>

Examples

```
tag.getTopAlbums("jazz")$album[1]
#[1] "Come Away With Me"
```

```
tag.getTopAlbums("jazz")$artist[1]
#[1] "Norah Jones"
```

```
tag.getTopArtists      API call to tag.getTopArtists
```

Description

API call to tag.getTopArtists

Usage

```
tag.getTopArtists(tag, key = lastkey, parse = TRUE)
```

Arguments

tag	tag
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

artist	artist
tagcount	relative tag count - top result set at 100.
artmbid	mbid

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=284>

Examples

```
tag.getTopArtists("jazz")$artist[1]
#[1] "Miles Davis"
```

tag.getTopTags	<i>API call to tag.getTopTags</i>
----------------	-----------------------------------

Description

API call to tag.getTopTags

Usage

```
tag.getTopTags(tag, key = lastkey, parse = TRUE)
```

Arguments

tag	tag
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

tag	tag
count	tag count, appears to be absolute.

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=276>

Examples

```
tag.getTopTags("jazz")$tag[1:5]
#[1] "rock"      "seen live" "alternative" "indie"      "electronic"
```

tag.getTopTracks *API call to tag.getTopTracks*

Description

API call to tag.getTopTracks

Usage

```
tag.getTopTracks(tag, key = lastkey, parse = TRUE)
```

Arguments

tag	tag
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

track	track
artist	artist
tagcount	relative tag count - top result set at 100.
artmbid	artist mbid

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=285>

Examples

```
tag.getTopTracks("jazz")$track[1]  
#[1] "So What"
```

```
tag.getTopTracks("jazz")$artist[1]  
#[1] "Miles Davis"
```

tag.getWeeklyArtistChart

API call to tag.getWeeklyArtistChart

Description

API call to tag.getWeeklyArtistChart

Usage

```
tag.getWeeklyArtistChart(tag, from = NA, to = NA, limit = NA,  
key = lastkey, parse = TRUE)
```

Arguments

tag	tag
from	see tag.getWeeklyChartList
to	see tag.getWeeklyChartList
limit	How many items to return?
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

artist	artist
artmbid	artist mbid
weight	Weighting factor

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=358>

Examples

```
dates = tag.getWeeklyChartList("jazz")
tag.getWeeklyArtistChart("jazz", from = dates[1,1], to = dates[1,2])$artist[1]
#[1] "Amy Winehouse"
```

tag.getWeeklyChartList

API call to tag.getWeeklyChartList

Description

API call to tag.getWeeklyChartList

Usage

```
tag.getWeeklyChartList(tag, key = lastkey, parse = TRUE)
```

Arguments

tag	tag
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

a 2 column matrix containing values for from and to. Can be passed to other tag.getWeeklyArtistChart functions by indexing into matrix.

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=359>

Examples

```
dates = tag.getWeeklyChartList("jazz")
tag.getWeeklyArtistChart("jazz", from = dates[1,1], to = dates[1,2])$artist[1]
#[1] "Amy Winehouse"
```

tag.search	<i>API call to tag.search</i>
------------	-------------------------------

Description

API call to tag.search

Usage

```
tag.search(tag, key = lastkey, parse = TRUE)
```

Arguments

tag	tag name
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

tag	tag name
count	tag count

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=273>

Examples

```
res = tag.search("jazz")
```

track.getInfo	<i>API call to track.getInfo</i>
---------------	----------------------------------

Description

API call to track.getInfo

Usage

```
track.getInfo(track = NA, artist = NA, mbid = NA, key = lastkey, parse = TRUE)
```

Arguments

track	track title
artist	artist name
mbid	optionally, artist MBID
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

track	track title
artist	artist name
playcount	reported playcount
listeners	reported number of listeners
album	album title
position	track position
duration	track duration
artmbid	mbid for the artist
albmbid	mbid for the album
id	LastFM ID

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=356>

Examples

```
track.getInfo("Video Killed the Radio Star", "The Buggles")$playcount
#[1] 484685
```

track.getSimilar	<i>API call to track.getSimilar</i>
------------------	-------------------------------------

Description

API call to track.getSimilar

Usage

```
track.getSimilar(track = NA, artist = NA, mbid = NA, key = lastkey, parse = TRUE)
```

Arguments

track	track title
artist	artist name
mbid	optionally, artist MBID
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

track	track title
artist	artist name
duration	track duration
match	extent of match statistic
artmbid	mbid for the artist

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=319>

Examples

```
res = track.getSimilar("Video Killed the Radio Star", "The Buggles")
res$track[1]
#[1] "Take On Me"

res$match[1]
#[1] 5.67
```

track.getTopFans	<i>API call to track.getTopFans</i>
------------------	-------------------------------------

Description

API call to track.getTopFans

Usage

```
track.getTopFans(track = NA, artist = NA, mbid = NA, key = lastkey, parse = TRUE)
```

Arguments

track	track title
artist	artist name
mbid	optionally, artist MBID
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

username	username
weight	match weight

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=312>

Examples

```
genres = c("jazz", "rock", "rap")
tracks = do.call("rbind", lapply(genres, function(x)do.call("cbind", tag.getTopTracks(x))[1,]))
weight = apply(tracks, 1, function(x)track.getTopFans(x[1], x[2])$weight)
##Not Run - Plot weights by genre
#matplot(w, type = "l", xlab = "rank", ylab = "match", col = "black", lty = 1:3)
#legend("topright", labels = genres, col = "black", lty = 1:3)
```

track.getTopTags	<i>API call to track.getTopTags</i>
------------------	-------------------------------------

Description

API call to track.getTopTags

Usage

```
track.getTopTags(track = NA, artist = NA, mbid = NA, key = lastkey, parse = TRUE)
```

Arguments

track	track title
artist	artist name
mbid	optionally, artist MBID
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

tag	tag
count	raw tag count

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=289>

Examples

```
a = track.getTopTags("Video Killed the Radio Star", "The Buggles")
##Not Run - plot tagcounts for top tags
#plot(a$count[order(a$count, decreasing = T)], type = "l")
```

track.search	<i>API call to track.search</i>
--------------	---------------------------------

Description

API call to track.search

Usage

```
track.search(track, artist = NA, limit = NA, page = NA, key = lastkey, parse = TRUE)
```

Arguments

track	track title
artist	artist name
limit	limit of responses
page	page to start reporting from, based on limit
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

track	track title
artist	artist name
listeners	number of listeners

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=286>

Examples

```
track.search("Find A Way", "A Tribe Called Quest")

# $track
# [1] "Find a Way"

# $artist
# [1] "A Tribe Called Quest"

# $listeners
# [1] "46199"
```

user.getEvents *API call to user.getEvents*

Description

Not currently documented.

user.getFriends *API call to user.getFriends*

Description

API call to `user.getFriends`

Usage

`user.getFriends(username, recenttracks = NA, limit = NA, key = lastkey, parse = TRUE)`

Arguments

username	username
recenttracks	get recent tracks? takes "true" as an option to return. Not implemented
limit	limit to return
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

username	usernames
realname	real names of users

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=263>

Examples

```
user.getFriends("monkeycatfm")$username[1]
#[1] "njlinesch"
```

`user.getLovedTracks` *API call to user.getLovedTracks*

Description

API call to user.getLovedTracks

Usage

```
user.getLovedTracks(username, key = lastkey, parse = TRUE)
```

Arguments

username	username
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

track	track title
lovedate	date of "love"
artist	artist
artmbid	artist mbid

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=329>

Examples

```
user.getLovedTracks("monkeycatfm")
```

`user.getNeighbours` *API call to user.getNeighbours*

Description

API call to user.getNeighbours

Usage

```
user.getNeighbours(username, limit = NA, key = lastkey, parse = TRUE)
```

Arguments

username	username
limit	limit to return
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

username	username
match	degree of match statistic

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=264>

Examples

```
user.getNeighbours("monkeycatfm")$match
```

user.getPastEvents *API call to user.getPastEvents*

Description

This function is not documented.

user.getPlaylists *API call to user.getPlaylists*

Description

This function is not documented.

user.getRecentTracks *API call to user.getRecentTrack*

Description

API call to user.getRecentTrack

Usage

```
user.getRecentTracks(username, limit = NA, key = lastkey, parse = TRUE)
```

Arguments

username	username
limit	limit of tracks to return
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

track	track title
artist	artist
album	album
artmbid	artist mbid
albmbid	album mbid
date	date of play

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=278>

Examples

```
#last scrobble date:  
user.getRecentTracks("monkeycatfm")$date[1]
```

user.getShouts	<i>API call to user.getShouts</i>
----------------	-----------------------------------

Description

API call to user.getShouts

Usage

```
user.getShouts(username, key = lastkey, parse = TRUE)
```

Arguments

username	username
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

username	username of shouter
body	body of shout
date	date of shout

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=401>

Examples

```
user.getShouts("monkeycatfm")$body[1]
#[1] "so.... you have amazing music tastes and you like to cook. marry me :)"
```

user.getTopAlbums *API call to user.getTopAlbums*

Description

API call to user.getTopAlbums

Usage

```
user.getTopAlbums(username, limit = NA, key = lastkey, parse = TRUE)
```

Arguments

username	username
key	API key, defaults to global variable lastkey
limit	limit of albums to return
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

album	album title
artist	artist name
playcount	playcount of tracks in album
artmbid	artist mbid
albmbid	album mbid
rank	rank of album, usually 1:50

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=299>

Examples

```
play = user.getTopAlbums("monkeycatfm")$playcount
#relative enjoyment
play/max(play)
```

user.getTopArtists *API call to user.getTopArtists*

Description

API call to user.getTopArtists

Usage

```
user.getTopArtists(username, period = NA, key = lastkey, parse = TRUE)
```

Arguments

username	username
period	overall 7day 3month 6month 12month, defaults to overall
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

artist	artist name
playcount	playcount of artist
mbid	artist mbid
rank	rank of artist, usually 1:50, except for ties

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=300>

Examples

```
a = user.getTopArtists("monkeycatfm")
#artist favoritism
a$playcount/max(a$playcount)
```

user.getTopTags *API call to user.getTopTags*

Description

API call to user.getTopTags

Usage

```
user.getTopTags(username, limit = NA, key = lastkey, parse = TRUE)
```

Arguments

username	username
limit	How many entries to return?
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

tag	tag
count	tag count

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=123>

Examples

```
user.getTopTags("monkeycatfm")
```

user.getTopTracks *API call to user.getTopTracks*

Description

API call to user.getTopTracks

Usage

```
user.getTopTracks(username, period = NA, key = lastkey, parse = TRUE)
```

Arguments

username	username
period	overall 7day 3month 6month 12month, defaults to overall
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

track	track name
artist	artist name
playcount	playcount of artist
artmbid	artist mbid
rank	rank of track, usually 1:50, except for ties

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=301>

Examples

```
a = user.getTopTracks("monkeycatfm")
#track favoritism
a$playcount/max(a$playcount)
```

```
user.getWeeklyAlbumChart
```

API call to user.getWeeklyAlbumChart

Description

API call to user.getWeeklyAlbumChart

Usage

```
user.getWeeklyAlbumChart(username, from = NA, to = NA, key = lastkey, parse = TRUE)
```

Arguments

username	username
from	from, see user.getWeeklyChartList
to	to, see user.getWeeklyChartList
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

artist	name of the artist
album	name of the album
albmuid	mbid for the album
playcount	reported playcount

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=279>

Examples

```
dates = user.getWeeklyChartList("monkeycatfm")
user.getWeeklyAlbumChart("monkeycatfm", from = dates[1,1], to = dates[1,2])$artist[1]
#NULL
```

```
user.getWeeklyArtistChart
```

API call to user.getWeeklyArtistChart

Description

API call to user.getWeeklyArtistChart

Usage

```
user.getWeeklyArtistChart(username, from = NA, to = NA, key = lastkey, parse = TRUE)
```

Arguments

username	username
from	from, see user.getWeeklyChartList
to	to, see user.getWeeklyChartList
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

artist	name of the artist
artmbid	mbid for the artist
playcount	reported playcount

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=281>

Examples

```
dates = user.getWeeklyChartList("monkeycatfm")
user.getWeeklyArtistChart("monkeycatfm", from = dates[1,1], to = dates[1,2])$artist[1]
#[1] "A Tribe Called Quest"
```

```
user.getWeeklyChartList
```

API call to user.getWeeklyChartList

Description

API call to user.getWeeklyChartList

Usage

```
user.getWeeklyChartList(username, key = lastkey, parse = TRUE)
```

Arguments

username	username
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

a 2 column matrix containing values for from and to. Can be passed to other user.getWeekly[xxx]Chart functions by indexing into matrix.

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=280>

Examples

```
dates = user.getWeeklyChartList("monkeycatfm")
user.getWeeklyArtistChart("monkeycatfm", from = dates[1,1], to = dates[1,2])$artist[1]
#[1] "A Tribe Called Quest"
```

```
user.getWeeklyTrackChart
```

API call to user.getWeeklyTrackChart

Description

API call to user.getWeeklyTrackChart

Usage

```
user.getWeeklyTrackChart(username, from = NA, to = NA, key = lastkey, parse = TRUE)
```

Arguments

username	username
from	from, see user.getWeeklyChartList
to	to, see user.getWeeklyChartList
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

track	name of the track
artist	name of the artist
artmbid	mbid for the artist
playcount	reported playcount

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=282>

Examples

```
dates = user.getWeeklyChartList("monkeycatfm")
max(user.getWeeklyTrackChart("monkeycatfm", from = dates[1,1], to = dates[1,2])$playcount)
```

venue.getEvents *API call to venue.getEvents*

Description

API call to venue.getEvents

Usage

```
venue.getEvents(venueid, key = lastkey, parse = TRUE)
```

Arguments

venueid	venue ID. see <code>link{venue.search}</code>
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

title	event name
headliner	headliner
eventid	event ID

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=301>

Examples

```
#From API documentation  
venue.getEvents(8908030)
```

venue.getPastEvents *API call to venue.getPastEvents*

Description

API call to venue.getPastEvents

Usage

```
venue.getPastEvents(venueid, page = NA, limit = NA, key = lastkey, parse = TRUE)
```

Arguments

venueid	venue ID. see <code>link{venue.search}</code>
page	page number
limit	maximum number to return
key	API key, defaults to global variable <code>lastkey</code>
parse	Parse the returned XML into a list?

Value

If `parse = TRUE`,

title	event name
headliner	headliner
eventid	event ID

If `parse = FALSE`, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=395>

Examples

```
#From API documentation
venue.getPastEvents(8908030)
```

venue.search	<i>API call to venue.search</i>
--------------	---------------------------------

Description

API call to venue.search

Usage

```
venue.search(venue, limit = NA, page = NA, country = NA, key = lastkey, parse = TRUE)
```

Arguments

venue	venue search term
limit	limit to return per page
page	page number, see limit
country	Limit to a country. Use 2/3 letter country codes
key	API key, defaults to global variable lastkey
parse	Parse the returned XML into a list?

Value

If parse = TRUE,

name	venue name
street	venue street address
city	venue city
country	venue country
lat	venue latitude
long	venue longitude
id	venue ID

If parse = FALSE, a object of type "XMLInternalDocument" and "XMLAbstractDocument"

Note

API is sensitive to spelling.

Author(s)

Greg Hirson <ghirson@ucdavis.edu>

References

<http://www.last.fm/api/show?service=396>

Examples

```
venue.search("Spaceland", country = "US")
```

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