

Package ‘myepisodes’

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Title MyEpisodes RSS/API functions

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Description Useful functions for accessing MyEpisodes feeds and episode information as well as other tv episode related actions through www.myepisodes.com

Imports XML

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Collate 'myepisodes.R'

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R topics documented:

| | |
|--|---|
| ep_number | 2 |
| mark_episode_as_acquired | 2 |
| mark_episode_as_watched | 3 |
| myepisodes | 4 |
| myepisodes_feed_url | 4 |
| shows_from_myepisodes | 5 |
| shows_from_myepisodes_feed | 6 |
| show_info_from_xml | 6 |
| summary_of_shows | 7 |
| update_episode | 8 |
| xml_shows_from_myepisodes_feed | 8 |

| | |
|--------------|-----------|
| Index | 10 |
|--------------|-----------|

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|-----------|---|
| ep_number | <i>Shows episode season/number in format SxNN</i> |
|-----------|---|

Description

Returns episode from a show info list, of the form e.g. 1x12, 8x04, left padding the episode number to max_length (default 2) if necessary.

Usage

```
ep_number(show_item, max_length = 2)
```

Arguments

| | |
|------------|---|
| show_item | a show item list, typically from show_info_from_xml |
| max_length | the length to pad episode numbers to, usually 2 is standard. |

Value

character of form NxNN

Author(s)

Matt Malin <<email@mattmalin.co.uk>>

See Also

[show_info_from_xml](#)

| |
|--------------------------|
| mark_episode_as_acquired |
|--------------------------|

Marks on MyEpisodes if an episode has been acquired (through browser)

Description

Given a tv episode (list as from [show_info_from_xml](#)) this marks on MyEpisodes if a show has been acquired. Given the lack of a proper MyEpisodes API and until a better solution is implemented here, it currently loads a browser at the appropriate update link.

Usage

```
mark_episode_as_acquired(tv_episode)
```

Arguments

tv_episode a show_info list from [show_info_from_xml](#) or similar

Value

character of the URL for the myepisodes update link, should also load link in a browser to get the desired behaviour, assuming user is logged in to myepisodes.

Author(s)

Matt Malin <<email@mattmalin.co.uk>>

Examples

```
## Not run:
mock_feed_url <- file.path(system.file(package = "myepisodes"), "test_data/mock_mylist.xml")
mock_shows <- shows_from_myepisodes_feed(mock_feed_url)
mark_episode_as_acquired(mock_shows[[1]])
## End(Not run)
```

mark_episode_as_watched

Marks on MyEpisodes if an episode has been watched (through browser)

Description

Given a tv episode (list as from [show_info_from_xml](#)) this marks on MyEpisodes if a show has been watched. Given the lack of a proper MyEpisodes API and until a better solution is implemented here, it currently loads a browser at the appropriate update link.

Usage

```
mark_episode_as_watched(tv_episode)
```

Arguments

tv_episode a show_info list from [show_info_from_xml](#) or similar

Value

character of the URL for the myepisodes update link, should also load link in a browser to get the desired behaviour, assuming user is logged in to myepisodes.

Author(s)

Matt Malin <<email@mattmalin.co.uk>>

Examples

```
## Not run:
mock_feed_url <- file.path(system.file(package = "myepisodes"), "test_data/mock_mylist.xml")
mock_shows <- shows_from_myepisodes_feed(mock_feed_url)
mark_episode_as_watched(mock_shows[[1]])
## End(Not run)
```

| | |
|------------|-----------------------------|
| myepisodes | <i>myepisodes functions</i> |
|------------|-----------------------------|

Description

Various functions to play with MyEpisodes data

Author(s)

Matt Malin <<email@mattmalin.co.uk>>

| | |
|---------------------|---|
| myepisodes_feed_url | <i>get the MyEpisodes RSS feed url for a desired feed</i> |
|---------------------|---|

Description

Returns the custom MyEpisodes RSS feed url for a desired feed.

Usage

```
myepisodes_feed_url(uid, pwmd5, feed = "mylist",
  onlyunacquired = TRUE, showignored = FALSE)
```

Arguments

| | |
|----------------|--|
| uid | myepisodes username |
| pwmd5 | myepisodes MD5 hashed password |
| feed | the desired feed currently there are: mylist, today, yesterday, tomorrow, unacquired, unwatched, all. |
| onlyunacquired | TRUE/FALSE - You can use this to decide if you only want the feed to list the episodes you haven't acquired. |
| showignored | TRUE/FALSE - You can use this to decide if you want the feed to show your ignored shows too. |

Author(s)

Matt Malin <<email@mattmalin.co.uk>>

Examples

```
## Not run: myepisodes_feed_url("foouser", "321654321654321", feed = "mylist", onlyunacquired = TRUE, showignored = TRUE)
```

shows_from_myepisodes *Get info from shows given desired MyEpisodes feed information*

Description

Given MyEpisodes username and md5 hashed password, along with desired list and other settings, gets show and episode information as a list of show information lists.

Usage

```
shows_from_myepisodes(uid, pwmd5, feed = "mylist",  
    onlyunacquired = TRUE, showignored = FALSE)
```

Arguments

| | |
|----------------|--|
| uid | myepisodes username |
| pwmd5 | myepisodes MD5 hashed password |
| feed | the desired feed currently there are: mylist, today, yesterday, tomorrow, unacquired, unwatched, all. |
| onlyunacquired | TRUE/FALSE - You can use this to decide if you only want the feed to list the episodes you haven't acquired. |
| showignored | TRUE/FALSE - You can use this to decide if you want the feed to show your ignored shows too. |

Value

list of lists of episode information

Author(s)

Matt Malin <<email@mattmalin.co.uk>>

See Also

[shows_from_myepisodes_feed](#), [myepisodes_feed_url](#)

Examples

```
## Not run: shows_from_myepisodes("foouser", "321654321654321", feed = "mylist", onlyunacquired = TRUE, showignored = FALSE)
```

shows_from_myepisodes_feed

Create list of information for individual shows from MyEpisodes feed

Description

Given the path to a MyEpisodes feed, extracts the show information for each show, returned as a list.

Usage

```
shows_from_myepisodes_feed(myepisodes_feed_url)
```

Arguments

myepisodes_feed_url
path to a MyEpisodes RSS feed

Value

list, containing show info

Author(s)

Matt Malin <<email@mattmalin.co.uk>>

See Also

[show_info_from_xml](#), [myepisodes_feed_url](#)

Examples

```
## Not run: shows_from_myepisodes_feed(myepisodes_feed_url("user", "password"))
mock_feed_url <- file.path(system.file(package = "myepisodes"), "test_data/mock_mylist.xml")
shows_from_myepisodes_feed(mock_feed_url)
```

show_info_from_xml

Get tv episode information from XML

Description

Given an XML show from [xml_shows_from_myepisodes_feed](#) in the format of individual items in MyEpisodes feeds, returns a list for a given show containing show_name, season, ep, ep_title, and date_aired.

Usage

```
show_info_from_xml(xml_show)
```

Arguments

xml_show XMLNode of "item" child from MyEpisodes feed

Value

list for individual show

Author(s)

Matt Malin <<email@mattmalin.co.uk>>

See Also

[xml_shows_from_myepisodes_feed](#), [myepisodes_feed_url](#), [shows_from_myepisodes_feed](#)

Examples

```
mock_feed_url <- file.path(system.file(package = "myepisodes"), "test_data/mock_mylist.xml")
xml_shows <- xml_shows_from_myepisodes_feed(mock_feed_url)
show_info_from_xml(xml_shows[[1]])
```

summary_of_shows *Display summary of all the tv episodes in a list*

Description

Given a list of shows (in form from [show_info_from_xml](#)) will display a summary, displaying each episode of the form "show_name - SxNN"

Usage

```
summary_of_shows(shows)
```

Arguments

shows list of shows as in form from [show_info_from_xml](#)

Value

character vector summarising each show

Author(s)

Matt Malin <<email@mattmalin.co.uk>>

Examples

```
mock_feed_url <- file.path(system.file(package = "myepisodes"), "test_data/mock_mylist.xml")
mock_shows <- shows_from_myepisodes_feed(mock_feed_url)
summary_of_shows(mock_shows)
```

| | |
|----------------|--|
| update_episode | <i>Marks on MyEpisodes if an episode has been watched/acquired (through browser)</i> |
|----------------|--|

Description

Given a tv episode (list as from [show_info_from_xml](#)) this marks on MyEpisodes if a show has been watched or acquired. Given the lack of a proper MyEpisodes API and until a better solution is implemented here, it currently loads a browser at the appropriate update link.

Usage

```
update_episode(tv_episode, seen = TRUE)
```

Arguments

| | |
|------------|---|
| tv_episode | a show_info list from show_info_from_xml or similar |
| seen | TRUE/FALSE whether to also mark episode as seen, just marks acquired if FALSE |

Value

character of the URL for the myepisodes update link, should also load link in a browser to get the desired behaviour, assuming user is logged in to myepisodes.

Author(s)

Matt Malin <<email@mattmalin.co.uk>>

| | |
|--------------------------------|--|
| xml_shows_from_myepisodes_feed | <i>Get shows from given MyEpisode feeds (retaining individual XML structure)</i> |
|--------------------------------|--|

Description

Given a MyEpisodes feed, outputs shows separately as an XMLNodeList for use in [show_info_from_xml](#) or other XML referencing functions.

Usage

```
xml_shows_from_myepisodes_feed(myepisodes_feed_url)
```

Arguments

```
myepisodes_feed_url  
    path to a MyEpisodes RSS feed
```

Value

XMLNodeList with all "item"s from feed, corresponding to episodes

Author(s)

Matt Malin <<email@mattmalin.co.uk>>

See Also

[show_info_from_xml](#), [myepisodes_feed_url](#), [shows_from_myepisodes_feed](#)

Examples

```
## Not run: xml_shows_from_myepisodes_feed(myepisodes_feed_url("user", "password"))  
mock_feed_url <- file.path(system.file(package = "myepisodes"), "test_data/mock_mylist.xml")  
xml_shows_from_myepisodes_feed(mock_feed_url)
```

Index

[ep_number](#), [2](#)

[mark_episode_as_acquired](#), [2](#)

[mark_episode_as_watched](#), [3](#)

[myepisodes](#), [4](#)

[myepisodes-package \(myepisodes\)](#), [4](#)

[myepisodes_feed_url](#), [4](#), [5-7](#), [9](#)

[package-myepisodes \(myepisodes\)](#), [4](#)

[show_info_from_xml](#), [2](#), [3](#), [6](#), [6](#), [7-9](#)

[shows_from_myepisodes](#), [5](#)

[shows_from_myepisodes_feed](#), [5](#), [6](#), [7](#), [9](#)

[summary_of_shows](#), [7](#)

[update_episode](#), [8](#)

[xml_shows_from_myepisodes_feed](#), [6](#), [7](#), [8](#)