Package ‘vembedr’

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Title Functions to Embed Video in HTML
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Description A set of functions for generating HTML to embed hosted video in your R Markdown documents or Shiny applications.
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**build_suggestion**

Given a parse-list, generate an embed-list

**Description**

This is an internal function, supporting `suggest_embed`

**Usage**

```r
build_suggestion(parse_list)
```

**Arguments**

- `parse_list`: list generated using `parse_video_url` with members:
  - `service`: character, describes which service is used
  - `id`: character, identifier for the video at the service
  - `start_time`: character, indicates start time

**Value**

list with members:

- `embed`: character, code for `embed` call
- `start_time`: character, (optional) code for `use_start_time` call

**See Also**

- `suggest_embed`
- `parse_video_url`

**Examples**

```r
parse_video_url("https://youtu.be/1-vcErOQofQ?t=28s") %>%
build_suggestion()
```
Description

These functions are used to embed video into your {rmarkdown} html-documents, or into your {shiny} apps. There are functions to embed from YouTube, Vimeo, and Microsoft Channel 9 (who host the UseR! 2016 videos).

Usage

```r
embed_vimeo(id, width = 500, height = 281, frameborder = 0, allowfullscreen = TRUE, query = NULL, fragment = NULL)
embed_youtube(id, width = 420, height = 315, frameborder = 0, allowfullscreen = TRUE, query = NULL)
embed_user2016(id, width = 560, height = 315, frameborder = 0, allowfullscreen = TRUE)
embed_user2017(id, width = 560, height = 315, frameborder = 0, allowfullscreen = TRUE)
embed_channel9(id, width = 560, height = 315, frameborder = 0, allowfullscreen = TRUE)
```

Arguments

- `id`: character, identifier provided by the service
- `width`: numeric, width of iframe (px)
- `height`: numeric, height of iframe (px)
- `frameborder`: numeric, size of frame border (px)
- `allowfullscreen`: logical, indicates if to allow fullscreen
- `query`: list of items to include in url-query string
- `fragment`: character, string to include as url-fragment

Details

These services allow you to customize a lot of things by specifying an optional query string. The specification for the query string will differ according to the service being used:

- **YouTube** [https://developers.google.com/youtube/player_parameters](https://developers.google.com/youtube/player_parameters)
- **Vimeo** [https://developer.vimeo.com/player/embedding](https://developer.vimeo.com/player/embedding)
embed_url

Value
An embed object that prints an htmltools::tags$iframe element

See Also
use_start_time

Examples
embed_url("https://youtu.be/1-vcErQPofQ?t=28s")
hms

Create an hours-minutes-seconds string

Description

Create an hours-minutes-seconds string

Usage

hms(x)

Arguments

x, numeric (number of seconds), or character (i.e. "3m15s")

Value

character string (i.e. "0h3m15s")

See Also

secs

rickroll

Embed a popular video

Description

If you want to experiment with the arguments to embed, such as query, but do not have a particular video in mind, this function may be useful to you.

Usage

rickroll_vimeo(...)  
rickroll_youtube(...)  
rickroll_channel9(...)

Arguments

... arguments (other than id) passed on to embed

Value

An embed object that prints an htmltools::tags$iframe element
Examples

```
rickroll_vimeo()
rickroll_youtube()
rickroll_channel9()
```

---

| secs | Get number of seconds given a string |

**Description**

This is a helper function to get the number of seconds.

**Usage**

`secs(x)`

**Arguments**

- `x` character, describes a time duration, i.e. "3m15s"

**Details**

This could be useful for composing query parameters for YouTube embeds.

**Value**

numeric, number of seconds

**See Also**

`embed_youtube`, `hms`

---

| use_start_time | Specify a start time for an embedded video |

**Description**

This function provides you a consistent way to specify the start time, regardless of the service.
Usage

use_start_time(...)

## Default S3 method:
use_start_time(...)

## S3 method for class 'embed_youtube'
use_start_time(embed, start_time, ...)

## S3 method for class 'embed_vimeo'
use_start_time(embed, start_time, ...)

## S3 method for class 'embed_channel9'
use_start_time(embed, start_time, is_paused = TRUE, ...)

Arguments

... generic arguments to pass through
embed embed object made using an embed function
start_time numeric (seconds), or character ("3m15s")
is_paused logical, for "Channel 9" specifies if the video should be paused at this time

Details

The start_time argument can take a variety of formats; these inputs all evaluate to the same value:

- "0h1m0s","0h01m00s","0h1m"
- "1m0s","1m"
- "60s",60

Please note that for Vimeo, you can specify a start time, but you can not specify that the video be paused at this time. In other words, it is like "autoplay" is set to TRUE, and you cannot unset it.

Examples

```r
rickroll_youtube() %>%
use_start_time("3m32s")
```
vembedr: A package for embedding video

Description

The vembedr package provides two categories of functions: embed and rickroll, to embed videos from the services YouTube, Vimeo, and Microsoft Channel 9 (including UseR! 2016 and 2017 videos).

Details

The important functions are embed_vimeo, embed_youtube, and embed_user2016, with a helper function for specifying the start times of videos: use_start_time.

Pipe functions

Description

Like dplyr, vembedr also uses the pipe function, %>% to turn function composition into a series of imperative statements.

Arguments

lhs, rhs An embed object and a function to apply to it

Examples

# Instead of
use_start_time(rickroll_youtube(), "1m35s")
# you can write
rickroll_youtube() %>% use_start_time("1m35s")
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