Package: ovplayer (via r-universe)

August 24, 2024

Title An R Shiny App for Viewing Volleyball Video Playlists

Version 0.2.7

Description A Shiny app for viewing volleyball video playlists.

URL <https://github.com/openvolley/ovplayer>

BugReports <https://github.com/openvolley/ovplayer/issues>

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Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

Imports assertthat, base64enc, datavolley (>= 0.13.0), digest, dplyr, DT, fs, htmltools, httr, methods, ovideo (>= 0.15.2), rlang, servr (>= 0.15.1), shiny, shinyMobile, sys, tidyr

Suggests testthat

Remotes openvolley/datavolley, openvolley/ovideo

RoxygenNote 7.1.2

Repository https://openvolley.r-universe.dev

RemoteUrl https://github.com/openvolley/ovplayer

RemoteRef HEAD

RemoteSha 246eb418b7e747dcf820429879e8344fc6ee40a7

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Description

A Shiny app for viewing volleyball video playlists.

ovp_example_playlist	*Example playlists*

Description

Example playlists

Usage

```
ovp_example_playlist(choice = 1)
```

Arguments

choice   numeric: which data file to return?

- 1 - Pipe attacks by Poland in the Poland - Iran men's World League match, June 2017

Value

A data.frame containing the playlist.

See Also

[ovp_shiny](#)

Examples

```
## Not run:
 ## read example playlist
 ply <- ovp_example_playlist(1)

 ## start shiny app
 ovp_shiny(playlist = ply)

## End(Not run)
```

---

ovp_shiny *Launch the Shiny app*

Description

Launch the Shiny app

Usage

```
ovp_shiny(
  playlist,
  video_server = NULL,
  launch_browser = TRUE,
  mobile = FALSE,
  host = "127.0.0.1",
  ...
)
```

Arguments

playlist	data.frame: a playlist as returned by ov_video_playlist
video_server	string: the method used to serve local video files, either "lighttpd" or "servr". If it is NULL, no local server will be started and only remote video files can be used
launch_browser	logical: if TRUE, launch the app in the system's default web browser (passed to runApp's launch.browser parameter)
mobile	logical: if TRUE, launch the app's mobile UI version
host	string: shiny host. Defaults to "127.0.0.1"
...	: additional parameters passed to the UI and server functions

Examples

```
## Not run:
 ## read example playlist
 ply <- ovp_example_playlist(1)

 ## start shiny app
 ovp_shiny(playlist = ply)

## End(Not run)
```

---

ovp_video_server   *Start a separate server process for serving video*

Description

Note that performance with "servr" may not be great, particularly with each new video, because servr has to read the entire video file before it can serve clips from it.

Usage

```
ovp_video_server(method, port, host)
```

Arguments

method	string: either "lighttpd" or "servr". If "lighttpd" but the lighttpd executable cannot be found, "servr" will be used as a fallback
port	integer: the port to open the server on. If missing or NULL, a random port between 8001 and 12000
host	string: server host IP address (defaults to "localhost")

Value

A list with components method, url, port, dir (the source dir from which files will be served), and cleanup_fun (a function to run when finished with the server, which will stop the server process and clean up its dir)

See Also

ovp_shiny

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