Package ‘spRingsteen’

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Type    Package
Title   All Things Data and Springsteen
Version 0.1.0
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Description An R data package containing setlists from all Bruce Springsteen concerts over 1973-2021. Also includes all his song details such as lyrics and albums. Data extracted from: <http://brucebase.wikidot.com/>.
License CC0
URL https://github.com/obrienjoey/spRingsteen,
      https://obrienjoey.github.io/spRingsteen/
BugReports https://github.com/obrienjoey/spRingsteen/issues
Encoding UTF-8
LazyData true
Depends R (>= 2.10)
RoxygenNote 7.2.1
Suggests tidytext, dplyr, lubridate, readr, stringr, magrittr,
tidyselect
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NeedsCompilation no
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concerts Metadata for concerts in the spRingsteen dataset.

Description

Metadata for concerts played by Bruce Springsteen both solo and with numerous bands from the years 1973 to present day. Can be joined with setlists using gig_key.

Usage

concerts

Format

A data frame with 6 variables:

- **gig_key**  Primary key of the data frame.
- **date**  Date of the concert.
- **location**  Full location of concert including venue name.
- **state**  State concert was performed in (if in USA).
- **city**  City in which the concert was performed (if not in USA).
- **country**  Country concert was performed in.

Source

http://brucebase.wikidot.com/

Examples

library(dplyr)

# What countries have been played in the most?
concerts %>%
count(country, sort = TRUE)

# What decade did most shows take place in?
concerts %>%
select(date) %>%
mutate(decade = (year(date) %/% 10) * 10) %>%
count(decade)
setlists

Metadata for setlists in the spRingsteen dataset.

Description

Metadata for the setlists of concerts played by Bruce Springsteen both solo and with numerous bands from the years 1973 to present day.

Usage

setlists

Format

A data frame with 4 variables:

- **gig_key**  Key associated with the concert which the setlist is from.
- **song_key**  Key associated with the song played.
- **song**  Name of the song played.
- **song_number**  Order of appearance for the song in the setlist.

Source

http://brucebase.wikidot.com/

Examples

library(dplyr)
# what are the top five most played songs?

setlists %>%
  count(song, sort = TRUE) %>%
  slice(1:5)

# what is the average show length?

setlists %>%
  count(gig_key) %>%
  summarise(ave_length = mean(n))
songs  

Data for all songs in the spRingsteen dataset.

Description

Data describing all songs which have been played by Bruce Springsteen both solo and with numerous bands from the year 1973 to present day. Can be joined with setlists using song_key.

Usage

songs

Format

A data frame with 4 variables:

- **song_key**: Primary key of the data frame.
- **title**: Title of the song.
- **lyrics**: Lyrics of the song if available in the database.
- **album**: Name of the album on which the song appears if available in the database.

Source

http://brucebase.wikidot.com/

Examples

library(dplyr)

# What are the most common albums?

songs %>%
  filter(!is.na(album)) %>%
  count(album, sort = TRUE)

# What word occurs most frequently in the lyrics from the album 'Born To Run'
library(tidytext)

songs %>%
  filter(album == 'Born To Run') %>%
  select(title, lyrics) %>%
  unnest_tokens(word, lyrics) %>%
  count(word, sort = TRUE) %>%
  anti_join(stop_words, by = 'word')
**tours**

Tour information for concerts in the spRingsteen dataset.

**Description**

Data describing the tours associated with concerts played by Bruce Springsteen both solo and with numerous bands from the years 1973 to present day. Note that concerts prior to 1973 and non-tour, e.g., practice shows, promotion shows, have been removed. Furthermore some of the shows are associated with more than one tour as such some of the entries from concerts appear twice. Can be joined with setlists or concerts using gig_key.

**Usage**

tours

**Format**

A data frame with 2 variables:

- **gig_key** Primary key of the data frame.
- **tour** Tour associated with the concert. Note some concerts have more than one tour associated with them.

**Source**

http://brucebase.wikidot.com/

**Examples**

library(dplyr)

# How many shows were on each tour?

tours %>%
  count(tour, sort = TRUE)

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**update_data**

Update the Package Datasets

**Description**

Checks if new data is available on the package dev version (Github). In case new data is available the function will enable the user the update the datasets

**Usage**

update_data()
Examples

## Not run:

```r
data_update()
```

## End(Not run)
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