Package ‘LDAShiny’

October 12, 2022

Title User-Friendly Interface for Review of Scientific Literature
Version 0.9.3
Maintainer Javier De La Hoz Maestre <jdelahozmaestre@gmail.com>
BugReports https://github.com/JavierDeLaHoz/LDAShiny/issues
License GPL-3
Imports beepr, broom, chinese.miss, dplyr, DT (>= 0.15), highcharter, htmlwidgets, ldatuning, parallel, plotly, purrr, quanteda, shiny, shinyalert, shinyBS, shinyssloaders, shinydashboard, shinyjs, shinyWidgets, SnowballC, stringr, textmineR, tidyr, tidytext, tm, topicmodels
Suggests knitr, RColorBrewer, rmarkdown, Rmpfr, scales, magrittr
VignetteBuilder knitr
Encoding UTF-8
LazyData true
RoxygenNote 7.1.1
NeedsCompilation no
Author Javier De La Hoz Maestre [cre, aut] (<https://orcid.org/0000-0001-7779-0803>), María José Fernández Gómez [aut] (<https://orcid.org/0000-0002-5530-6416>), Susana Mendez [aut] (<https://orcid.org/0000-0001-9681-3169>)
20 Exemplary News Articles from the Reuters-21578 Data Set of Topic crude

Description
This data set holds 20 news articles with additional meta information from the Reuters-21578 data set. All documents belong to the topic crude dealing with crude oil.

Usage
data("crude")

Format
A VCorpus of 20 text documents. source Reuters-21578 Text Categorization Collection Distribution 1.0 XML format

Value
Object class VCorpus

References

Examples
data("crude")
crude
removeSparseTerms

Description

removeSparseTerms Remove Sparse Terms from a Term-Document Matrix function original package tm

Usage

removeSparseTerms(x, sparse)

Arguments

x A DocumentTermMatrix or a TermDocumentMatrix
sparse A numeric for the maximal allowed sparsity in the range from bigger zero to smaller one.

Value

A term-document matrix where those terms from x are removed which have at least a sparse percentage of empty (i.e., terms occurring 0 times in a document) elements. I.e., the resulting matrix contains only terms with a sparse factor of less than sparse

Examples

data("crude")
require(tm)
tdm <- tm::TermDocumentMatrix(crude)
removeSparseTerms(tdm, 0.3)

runLDAShiny

Shiny UI for LDAShiny package

Description

Shiny UI for LDAShiny package

Usage

runLDAShiny(host = "127.0.0.1", port = NULL, launch.browser = TRUE)
Arguments

- host
  The IPv4 address that the application should listen on. Defaults to the shiny.host option, if set, or “127.0.0.1” if not.

- port
  is the TCP port that the application should listen on. If the port is not specified, and the shiny.port option is set (with options(shiny.port = XX)), then that port will be used. Otherwise, use a random port.

- launch.browser
  If true, the system’s default web browser will be launched automatically after the app is started. Defaults to true in interactive sessions only. This value of this parameter can also be a function to call with the application’s URL.

Value

No return value, just start the GUI

Examples

```r
if (interactive()) {
  runLDAShiny()
}
```
Index

* datasets
  crude, 2

  crude, 2

removeSparseTerms, 3
runLDASHiny, 3