Package ‘LDAShiny’

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Title User-Friendly Interface for Review of Scientific Literature

Version 0.9.3

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BugReports https://github.com/JavierDeLaHoz/LDAShiny/issues


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Imports beepr, broom, chinese.miss, dplyr, DT (>= 0.15), highcharter, htmlwidgets, ldatuning, parallel, plotly, purrr, quanteda, shiny, shinyalert, shinyBS, shinycssloaders, 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

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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()
}
```
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