Package 'diffrprojectswidget'

November 7, 2016

Title Visualization for 'diffrprojects'

Date 2016-11-06

Version 0.1.5

Description Interactive visualizations and tabulations for diffrprojects.
All presentations are based on the htmlwidgets framework allowing for
interactivity via HTML and Javascript, Rstudio viewer integration,
RMarkdown integration, as well as Shiny compatibility.

Depends R (>= 3.0.0)

License MIT + file LICENSE

LazyData TRUE

Imports diffrprojects (>= 0.1.10), hellno (>= 0.0.1), dplyr(>= 0.5.0),
htmlwidgets (>= 0.7.0), jsonlite (>= 1.1), tidyr (>= 0.6.0),
magrittr

Suggests testthat, knitr, rmarkdown

BugReports https://github.com/petermeissner/diffrprojectswidget/issues

URL https://github.com/petermeissner/diffrprojects

RoxygenNote 5.0.1

NeedsCompilation no

Author Peter Meissner [aut, cre],
Ulrich Sieberer [cph],
University of Konstanz [cph]

Maintainer Peter Meissner <retep.meissner@gmail.com>

Repository CRAN

Date/Publication 2016-11-07 00:35:09

R topics documented:

---

dp_prepare_data_table   *function for preparing data for tabulation*

Description

function for preparing data for tabulation

Usage

```
dp_prepare_data_table(dp, link = NULL, align_var = TRUE, text_var = TRUE,
  aggregate_function = NULL, ...)
```

Arguments

dp	an object of type diffrproject
link	which link to produce table for
align_var	either a character vector of variable names or TRUE for all
text_var	either a character vector of variable names or TRUE for all
aggregate_function	
	a function able to resolve conflicts if for a specific variable for a token of text severla values exist, if NULL it defaults to modus() but could also be e.g. paste or something alike
...	further arguments passed through to aggregate_function

Examples

```
library(diffrprojects)
library(diffrprojectswidget)

dp <-
diffrproject$new()$
  text_add(list(text_version_1, text_version_2))$
  text_link()$
  text_align( maxDist = 1 )

dp$text_code_regex(
  text    = 1,
  x       = "change",
```

```
    pattern = "change",
    val     = "change"
)

dp_prepare_data_table(dp)
```

---

dp_prepare_data_vis *function for preparing data for tabulation*

Description

function for preparing data for tabulation

Usage

```
dp_prepare_data_vis(dp, link = NULL, align_var = TRUE, text_var = TRUE,
    aggregate_function = NULL, minimize = FALSE, ...)
```

Arguments

dp	an object of type diffrproject
link	which link to produce table for
align_var	either a character vector of variable names or TRUE for all
text_var	either a character vector of variable names or TRUE for all
aggregate_function	
	a function able to resolve conflicts if for a specific variable for a token of text severla values exist, if NULL it defaults to modus() but could also be e.g. paste or something alike
minimize	make data small and comlicated
...	further arguments passed through to aggregate_function

---

dp_table *function for tabulation*

Description

function for tabulation

Usage

```
dp_table(dp, link = NULL, align_var = FALSE, text_var = FALSE,
    aggregate_function = NULL, ..., width = "100%", height = "400px")
```

Arguments

`dp`	an object of type diffrproject
`link`	which link to produce table for
`align_var`	either a character vector of variable names or TRUE for all
`text_var`	either a character vector of variable names or TRUE for all
`aggregate_function`	
	a function able to resolve conflicts if for a specific variable for a token of text severla values exist, if NULL it defaults to modus() but could also be e.g. paste or something alike
`...`	further arguments passed through to aggregate_function
`width`	width of widget
`height`	heigth of widget

`dp_tableOutput`   *dp_table shiny output function*

Description

dp_table shiny output function

Usage

```
dp_tableOutput(outputId, width = "100%", height = "400px")
```

Arguments

`outputId`	I have no idea
`width`	width
`height`	height

`dp_vis`   *function for visualization*

Description

function for visualization

Usage

```
dp_vis(dp, link = NULL, align_var = TRUE, text_var = TRUE,
  aggregate_function = NULL, ..., width = "100%", height = "400px")
```

Arguments

dp	an object of type diffrproject
link	which link to produce vis for
align_var	either a character vector of variable names or TRUE for all
text_var	either a character vector of variable names or TRUE for all
aggregate_function	
	a function able to resolve conflicts if for a specific variable for a token of text severla values exist, if NULL it defaults to modus() but could also be e.g. paste or something alike
...	further arguments passed through to aggregate_function
width	width of widget
height	heigth of widget

---

dp_visOutput   *dp_vis shiny output function*

Description

dp_vis shiny output function

Usage

```
dp_visOutput(outputId, width = "100%", height = "400px")
```

Arguments

outputId	I have no idea
width	width
height	height

---

dummyimport   *imports*

Description

imports

Usage

```
dummyimport()
```

---

renderDp_table   *dp_table shiny render function*

Description

dp_table shiny render function

Usage

```
renderDp_table(expr, env = parent.frame(), quoted = FALSE)
```

Arguments

expr	expr
env	env
quoted	quoted

---

renderDP_vis   *dp_vis shiny render function*

Description

dp_vis shiny render function

Usage

```
renderDP_vis(expr, env = parent.frame(), quoted = FALSE)
```

Arguments

expr	expr
env	env
quoted	quoted

Index