Visualization for 'diffrprojects'

Status

R code: 321 *C++ code:* 0 *test code:* 0

Version

0.1.4.90000

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.

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License

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Citation

To cite package 'diffrprojectswidget' in publications use:

Peter Meissner (2016). diffrprojectswidget: Visualization for 'diffrprojects'. R package version 0.1.4.90000. https://github.com/petermeissner/diffrprojects

A BibTeX entry for LaTeX users is

@Manual{, title = {diffrprojectswidget: Visualization for 'diffrprojects'}, author = {Peter Meissner}, year = {2016}, note = {R package version 0.1.4.90000}, url = {https://github.com/petermeissner/diffrprojects}, }

BibTex for citing

```
toBibtex(citation("diffrprojectswidget"))
```

Installation

```
devtools::install_github("petermeissner/stringb")
devtools::install_github("petermeissner/rtext")
devtools::install_github("petermeissner/diffrprojects")
devtools::install_github("petermeissner/diffrprojectswidget")
```

... or, alternatively from my private R package repository ...

```
options( "repos" =
  c(
    options("repos")$repos,
    petermeissner="https://petermeissner.github.io/drat"
  )
)
install.packages("diffrprojectswidget")
```

Example usage

```r
library(diffrprojects)
library(diffrprojectswidget)

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

dp$text_code_regex(
  text    = 1,
  x       = "change",
  pattern = "change",
  val     = "change"
)
dp$text_code_regex(
  text    = 1,
  x       = "change",
  pattern = "add",
  val     = "add"
)
dp$text_code_regex(
  text    = 1,
  x       = "change",
  pattern = "modif",
  val     = "modif"
)
dp$text_code_regex(
  text    = 1,
  x       = "change",
  pattern = "delete",
  val     = "delete"
)
dp$text_code_regex(text=1, x="stability", pattern="same", val=TRUE)

dp$alignment_code(1, sample(1:6)*2,"alignment_code", TRUE)

dpv <- dp_vis(dp, 1, align_var = TRUE, text_var = TRUE)
dpv
```
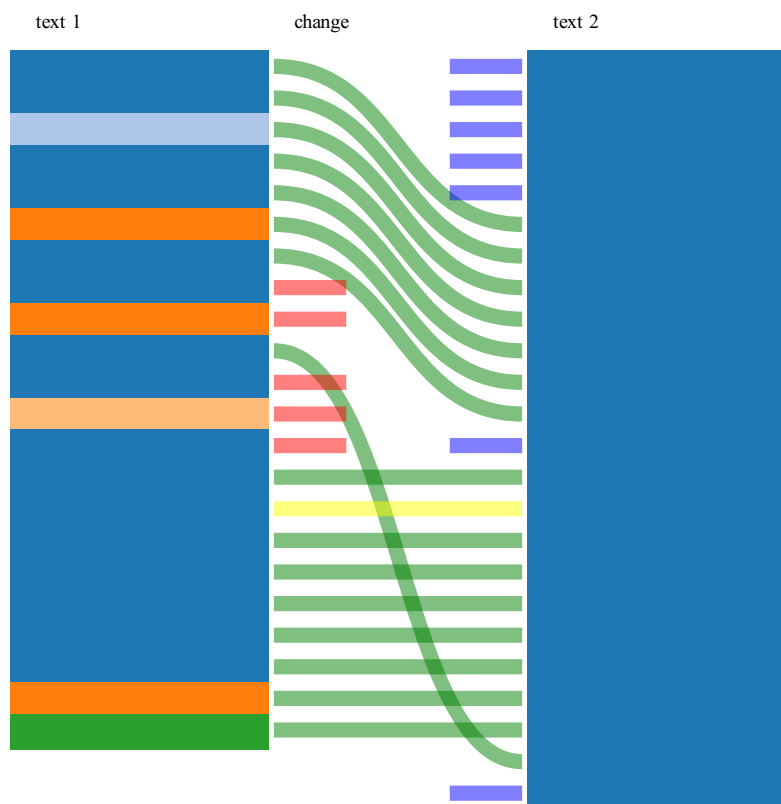
```
dpt <- dp_table(dp, 1, align_var = TRUE, text_var = TRUE)
dpt
```

#	token_1	#1	type	distance	#2	token_2	alignment_code	change_1	stability_1	change_2	stability_2
[1]	This part of the	[1]	==	0	[6]	This part of the					
[23]			ins	20	[1]	This is an important	true				
[2]	document has stayed the	[2]	==	0	[7]	document has stayed the					
[24]			ins	17	[2]	notice! It should	true				
[3]	same from version to	[3]	==	0	[8]	same from version to			true		
[25]			ins	23	[3]	therefore be located at	true				
[4]	version. It shouldn't	[4]	==	0	[9]	version. It shouldn't					
[26]			ins	21	[4]	the beginning of this	true				
[5]	be shown if it doesn't	[5]	==	0	[10]	be shown if it doesn't					
[27]			ins	9	[5]	document!	true				
[6]	change. Otherwise, that	[6]	==	0	[11]	change. Otherwise, that		change			
[7]	would not be helping to	[7]	==	0	[12]	would not be helping to	true				
[8]	compress the size of the	[8]	del	24							
[9]	changes.	[9]	del	8				change			
[10]	This paragraph contains	[10]	==	0	[23]	This paragraph contains					
[11]	text that is outdated.	[11]	del	22							
[12]	It will be deleted in the	[12]	del	25				delete			
[13]	near future.	[13]	del	12							
[28]			ins	18	[13]	compress anything.					
[14]	It is important to spell	[14]	==	0	[14]	It is important to spell					
[15]	check this dokument. On	[15]	chg	1	[15]	check this document. On					
[16]	the other hand, a	[16]	==	0	[16]	the other hand, a					
[17]	misspelled word isn't	[17]	==	0	[17]	misspelled word isn't					
[18]	the end of the world.	[18]	==	0	[18]	the end of the world.					
[19]	Nothing in the rest of	[19]	==	0	[19]	Nothing in the rest of					
[20]	this paragraph needs to	[20]	==	0	[20]	this paragraph needs to					
[21]	be changed. Things can	[21]	==	0	[21]	be changed. Things can		change			
[22]	be added after it.	[22]	==	0	[22]	be added after it.		add			
[29]			ins	23	[24]	important new additions					
[30]			ins	17	[25]	to this document.					