

# Package ‘cronologia’

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**Type** Package

**Title** Create an HTML Vertical Timeline from a Data Frame in  
'rmarkdown' and 'shiny'

**Version** 0.2.0

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**Description** Creates an HTML vertical timeline from a data frame as an input for  
'rmarkdown' documents and 'shiny' applications.

**License** AGPL (>= 3)

**Encoding** UTF-8

**Imports** htmltools, glue

**RoxygenNote** 7.1.1

**URL** <https://github.com/feddelegrand7/cronologia>

**BugReports** <https://github.com/feddelegrand7/cronologia/issues>

**Suggests** testthat (>= 2.0.0), covr

**Config/testthat/edition** 2

**NeedsCompilation** no

**Repository** CRAN

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`create_tml`*Create a Vertical HTML Timeline from a Data Frame*

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## Description

Create a Vertical HTML Timeline from a Data Frame

## Usage

```
create_tml(  
  df,  
  smr,  
  dsc,  
  smr_col = "white",  
  smr_bgcol = "#002240",  
  dsc_col = "#1D1D1D",  
  dsc_bgcol = "#FFFFFF",  
  dsc_size = "14px",  
  open = FALSE  
)
```

## Arguments

|                        |  |
|------------------------|--|
| <code>df</code>        | a data frame containing the necessary information.                           |
| <code>smr</code>       | the column name that will be used as the summary component.                  |
| <code>dsc</code>       | the column name that will be used as the description component.              |
| <code>smr_col</code>   | text color for the summary component. Defaults to 'white'.                   |
| <code>smr_bgcol</code> | background-color for the summary component. Defaults to "#002240".           |
| <code>dsc_col</code>   | text color for the description component. Defaults to "#1D1D1D".             |
| <code>dsc_bgcol</code> | background-color for the description component. Defaults to "#FFFFFF".       |
| <code>dsc_size</code>  | font size of the description component. Defaults to "14px".                  |
| <code>open</code>      | logical, whether to open by default the summary components. Default to FALSE |

## Value

A Vertical HTML Time Line Widget

## Examples

```
if(interactive()) {  
  
  df <- data.frame(  
  
    date_release = c("May 31, 2005",
```

```
      "July 14, 2008",
      "July 16, 2012 ")
  description = c("Batman Begins",
                 "The Dark Knight",
                 "The Dark Knight Rises")
)

ui <- fluidPage(

  br(),

  h1("Batman Trigoly Timeline", style = "text-align:center"),

  br(),

  create_tml(df,
            "date_release",
            "description"),

)

server <- function(input, output) {}

shinyApp(ui = ui, server = server)

}
```

---

create\_tml\_2

*Create a Vertical HTML Timeline with 2 Description Levels from a Data Frame*

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## **Description**

Create a Vertical HTML Timeline with 2 Description Levels from a Data Frame

## **Usage**

```
create_tml_2(
  df,
  smr,
  dsc,
  dsc2,
  smr_col = "white",
  smr_bgcol = "#002240",
  dsc_col = "#1D1D1D",
  dsc_bgcol = "#FFFFFF",
```

```

    dsc_size = "14px",
    dsc2_col = "#1D1D1D",
    dsc2_bgcol = "#FFFFFF",
    dsc2_size = "14px",
    open = FALSE
)

```

### Arguments

|            |   |
|------------|---|
| df         | a data frame containing the necessary information.                            |
| smr        | the column name that will be used as the summary component.                   |
| dsc        | the column name that will be used as the first description component.         |
| dsc2       | the column name that will be used as the second description component.        |
| smr_col    | text color for the summary component. Defaults to 'white'.                    |
| smr_bgcol  | background-color for the summary component. Defaults to "#002240".            |
| dsc_col    | text color for the first description component. Defaults to "#1D1D1D".        |
| dsc_bgcol  | background-color for the first description component. Defaults to "#FFFFFF".  |
| dsc_size   | font size of the first description component. Defaults to "14px".             |
| dsc2_col   | text color for the second description component. Defaults to "#3AD900".       |
| dsc2_bgcol | background-color for the second description component. Defaults to "#FFFFFF". |
| dsc2_size  | font size of the second description component. Defaults to "14px".            |
| open       | logical, whether to open by default the summary components. Default to FALSE  |

### Value

A Vertical HTML Time Line Widget with 2 Description Levels

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|                |   |
|----------------|---|
| create_tml_img | <i>Create Vertical HTML Timeline Widget with Images from a Data Frame</i> |
|----------------|---|

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### Description

Create Vertical HTML Timeline Widget with Images from a Data Frame

### Usage

```

create_tml_img(
  df,
  smr,
  dsc,
  imgsrc,
  imgalt,
  smr_col = "white",

```

```
    smr_bgcol = "#002240",
    dsc_col = "#1D1D1D",
    dsc_bgcol = "#FFFFFF",
    dsc_size = "14px",
    imgheight = "150px",
    imgwidth = "150px",
    open = FALSE
)
```

### Arguments

|           |  |
|-----------|--|
| df        | a data frame containing the necessary information.                           |
| smr       | the column name that will be used as the summary component.                  |
| dsc       | the column name that will be used as the description component.              |
| imgsrc    | the column name indicating the 'href' source of the images.                  |
| imgalt    | the column name that will be used as 'alt' text for the images.              |
| smr_col   | text color for the summary component. Defaults to 'white'.                   |
| smr_bgcol | background-color for the summary component. Defaults to "#002240".           |
| dsc_col   | text color for the description component. Defaults to "#1D1D1D".             |
| dsc_bgcol | background-color for the description component. Defaults to "#FFFFFF".       |
| dsc_size  | font size of the description component. Defaults to "14px".                  |
| imgheight | the height of the image. Defaults to "150px".                                |
| imgwidth  | the width of the image. Defaults to "150px".                                 |
| open      | logical, whether to open by default the summary components. Default to FALSE |

### Value

A Vertical HTML Time Line Widget With Images

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