

# Package ‘r2resize’

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**Type** Package

**Title** In-Text Resize for Images, Tables and Fancy Resize Containers in 'shiny', 'rmarkdown' and 'quarto' Documents

**Version** 1.9.2

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**Description** Automatic resizing toolbar for containers, images and tables. Various resizer or expandable container functionalities are also included. Most suitable to include in 'shiny', 'markdown' and 'quarto' documents.

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**URL** <https://r2resize.obianom.com>

**BugReports** <https://github.com/oobianom/r2resize/issues>

**Depends** R (> 3.6)

**Imports** utils, shiny, htmltools, quickcode, DT

**Suggests** rmarkdown, knitr, r2symbols, testthat

**Encoding** UTF-8

**VignetteBuilder** knitr

**Language** en-US

**LazyData** false

**RoxygenNote** 7.2.3

**Config/testthat/edition** 3

**NeedsCompilation** no

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**Repository** CRAN

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add.JQuery	<i>Attach jQuery to current document</i>
------------	--

---

### Description

The current function allows inclusion of jQuery in an HTML output

### Usage

```
add.JQuery(version = "3.5.1")
```

### Arguments

version	jQuery version
---------	----------------

### Value

script tag with jQuery link

### Note

This function holds significance across the entire package, particularly in scenarios where a specific HTML output lacks the inclusion of the jQuery script required by other functions within this package. It serves as a crucial mechanism for ensuring that functionalities within the package remain operable even when the necessary jQuery script is absent from the HTML page by default knitting. By providing a fallback option, this function enhances the robustness and reliability of the package, allowing it to gracefully handle situations where jQuery is not explicitly included. Its role is pivotal in maintaining consistent behavior and functionality across diverse HTML environments, thereby facilitating seamless integration and usage of the package across various web development contexts.

### Examples

```
add.JQuery()
add.JQuery("3.7.0") # add a specific version
```

---

`add.resizer`*Configure toolbar settings for the page*

---

**Description**

Set options for the inclusion of sizing toolbar in documents

**Usage**

```
add.resizer(  
  theme.color = NULL,  
  position = c("top", "bottom"),  
  font.size = NULL,  
  font.color = NULL,  
  tables = TRUE,  
  images = TRUE,  
  line.color = NULL,  
  thumb.width = NULL,  
  thumb.height = NULL,  
  line.width = NULL,  
  line.height = NULL,  
  dim.units = "px",  
  default.image.width = NULL  
)
```

**Arguments**

<code>theme.color</code>	theme color for resizer and table e.g. black or #000000
<code>position</code>	position of the resize toolbar e.g. top or bottom
<code>font.size</code>	size of the page font in px e.g. 14px
<code>font.color</code>	color of the page font in e.g. darkblue or #006699
<code>tables</code>	boolean. TRUE or FALSE, to add resize toolbar to tables
<code>images</code>	boolean. TRUE or FALSE, to add resize toolbar to images
<code>line.color</code>	color of the resizer track e.g. red or #f5f5f5
<code>thumb.width</code>	width of the resizer thumb e.g. 25
<code>thumb.height</code>	height of the resizer thumb e.g. 25
<code>line.width</code>	width of the resizer track e.g. 200
<code>line.height</code>	height of the resizer track e.g. 10
<code>dim.units</code>	unit for the height and width of the track or thumb
<code>default.image.width</code>	default width of all images on the page e.g. 100

**Value**

Inclusion of mini toolbar for images and tables within a page

**Examples for r2resize**

More examples and demo pages for this function are located at this link - <https://r2resize.obianom.com>.

**Examples**

```
# default settings
r2resize::add.resizer()

# add resizer to only images
r2resize::add.resizer(
  tables = FALSE,
  images = TRUE
)

# add resizer to only tables
r2resize::add.resizer(
  tables = TRUE,
  images = FALSE
)

# add resizer to both images
r2resize::add.resizer(
  tables = TRUE,
  images = TRUE
)

# set position of the resize toolbar
r2resize::add.resizer(
  position = "top" #this is the default, another is 'bottom'
)

# set resizer line color, height and width
r2resize::add.resizer(
  line.color = "green",
  line.width = 150,
  line.height = 5
)

#declare more arguments including default image size
r2resize::add.resizer(
  theme.color = "blue",
  position = "top",
  font.size = "12px",
  font.color = "brown",
```

```
tables = TRUE,  
images = TRUE,  
line.color = "green",  
line.width = 150,  
line.height = 5,  
default.image.width = "40%"  
) # customized settings
```

---

elastiCard

*Hover elastic card container*

---

## Description

Automatic elastic card holder for images or navigation items

## Usage

```
elastiCard(  
  ...,  
  height.px = NULL,  
  width.px = NULL,  
  border.color = "white",  
  border.width.px = 1,  
  active.panel = 1  
)
```

## Arguments

...	list of image containers, see example below
height.px	height of container as numeric
width.px	width of container as numeric
border.color	color of border of each container
border.width.px	width of the container border
active.panel	the active panel or container e.g. 1

## Value

Multiple cards with hover elastic functionality

## Examples for r2resize

More examples and demo pages are located at this link - <https://rpkg.net/package/r2resize>.

## Examples

```
#basic example with texts alone
r2resize::elastiCard(
  item1 = c(
    icon = "edit",
    title="Lorem ipsum dolor sit amet, consectetur
adipiscing elit, sed do eiusmod tempor incididunt
ut labore et dolore magna aliqua. Ut enim ad
minim veniam, quis nostrud exercitation
ullamco laboris nisi ut aliquip ex ea
commodo consequat.",
    subtitle="A cool subtitle",
    text.color="blue"),
  item2 = c(
    title="Duis aute irure dolor in reprehenderit
in voluptate velit esse cillum dolore eu fugiat
nulla pariatur. Excepteur sint occaecat cupidatat
non proident, sunt in culpa qui officia deserunt
mollit anim id est laborum.",
    subtitle="A cool subtitle",
    text.color = "brown"
  )
)
```

```
#basic example with background image and texts
r2resize::elastiCard(
  item1 = c(
    bg = "https://r2resize.obi.obianom.com/m/image1.jpg",
    icon = "edit",
    title="Sample text 1",
    subtitle="A cool subtitle"),
  item2 = c(
    bg = "https://r2resize.obi.obianom.com/m/image2.jpg",
    title="Sample text 2",
    subtitle="A cool subtitle",
    text.color = "brown"
  )
)
```

---

empahsisCard

*Create an Emphasis Card*

---

## Description

Emphasis container

## Usage

```
empahsisCard(..., bg.color = NULL)
```

**Arguments**

... content of the card  
bg.color content background color

**Value**

container with a moving border to denote emphasis

**More examples for r2resize**

More examples and demo pages are located at this link - <https://r2resize.obi.obianom.com>.

**Examples**

```
#make a simple emphasis card
#add as much content as need
r2resize::empahsisCard(
  "sample rpkg.net 1",
  "sample rpkg.net 2 "
)
```

```
#specify the color of the background
r2resize::empahsisCard(
  "sample rpkg.net 1",
  "sample rpkg.net 2 ",
  bg.color = "brown"
)
```

---

emphasisCard

*Create an Emphasis Card*

---

**Description**

Emphasis container

**Usage**

```
emphasisCard(..., bg.color = NULL)
```

**Arguments**

... content of the card  
bg.color content background color

**Value**

container with a moving border to denote emphasis

### More examples for r2resize

More examples and demo pages are located at this link - <https://r2resize.obi.obianom.com>.

### Examples

```
#make a simple emphasis card
#add as much content as need
r2resize::empahsisCard(
  "sample rpkg.net 1",
  "sample rpkg.net 2 "
)
```

```
#specify the color of the background
r2resize::empahsisCard(
  "sample rpkg.net 1",
  "sample rpkg.net 2 ",
  bg.color = "brown"
)
```

---

flexCard

*Flexible card container*

---

### Description

Expandable flexible card holder for images or navigation items

### Usage

```
flexCard(
  ...,
  height.px = NULL,
  width.px = NULL,
  border.color = "white",
  border.width.px = 1,
  active.panel = 1
)
```

### Arguments

...	list of image containers, see example below
height.px	height of container as numeric
width.px	width of container as numeric
border.color	color of border of each container
border.width.px	width of the container border
active.panel	the active panel or container e.g. 1. Use 0 to make all panels inactive



**Value**

Multiple cards with flex functionality

**Examples for r2resize**

More examples and demo pages are located at this link - <https://rpkg.net/package/r2resize>.

**Examples**

```
r2resize::flexCard(  
  item1 = c(  
    bg = "https://r2resize.obi.obianom.com/m/image1.jpg",  
    icon = "edit",  
    title="Sample text 1",  
    subtitle="A cool subtitle"),  
  item2 = c(  
    bg = "https://r2resize.obi.obianom.com/m/image2.jpg",  
    icon = "edit",  
    title="Sample text 2",  
    subtitle="A cool subtitle",  
    icon.color = "blue",  
    text.color = "brown"  
  )  
)
```

---

shinyExpandImage

*Elegant viewer functionality for images*

---

**Description**

Elegant image viewer and resizer for images

**Usage**

```
shinyExpandImage(imageid = c())
```

**Arguments**

imageid            one or more IDs of a div containing images

**Value**

Feature that allows images to be easily expanded and viewed

**Use case**

Use in a shiny application for image(s) that you'd like to carry a viewer feature on click.

When the image is clicked, it is expanded and toolbars appear to allow the user to zoom in or out, as well as download the image.

if there are multiple images within the imageid holder, then they are automatically ordered at the bottom for ease of transition.

**Examples**

```
# simple expansion for 2 images in a shiny app
if (interactive()) {
  shiny::shinyApp(
    ui = shiny::fluidPage(
      shinyExpandImage(c("ccgal1")),
      htmltools::tags$div(
        id = "ccgal1",
        htmltools::tags$a(
          href = "https://r2resize.obi.obianom.com/m/1b.jpg",
          htmltools::tags$img(
            src = "https://r2resize.obi.obianom.com/m/1b.jpg",
            alt="sample text for image 1")
          ),
        htmltools::tags$a(
          href = "https://r2resize.obi.obianom.com/m/1.jpg",
          htmltools::tags$img(
            src = "https://r2resize.obi.obianom.com/m/1.jpg",
            alt="sample text for image 2")
          )
      )
    ),
    server = (function(input, output) {})
  )
}
```

---

sizeableCard

*Resizable container content holder*

---

**Description**

Highly customizable and resizable container content holder

**Usage**

```
sizeableCard(..., bg.color = NULL, border.color = NULL)
```

**Arguments**

... content of container  
bg.color content background color e.g red, black or #333333  
border.color border color of container e.g. red or #f5f5f5

**Value**

Container with a resizing toolbar feature on the right

**Examples for r2resize**

More examples and demo pages are located at this link - <https://rpkg.net/package/r2resize>.

**Examples**

```
#simple sizeable card attribute
r2resize::sizeableCard(
  "sample rpkg.net text"
)

#specify the background color for the card
r2resize::sizeableCard(
  "sample r2resume text",
  bg.color = "lightgray"
)

#specify the border color additionally
r2resize::sizeableCard(
  "sample r2resume text",
  bg.color = "lightgray",
  border.color="black"
)
```

---

splitCard

*Resizable split screen container*

---

**Description**

Highly customizable and resizable split screen container

**Usage**

```
splitCard(
  left,
  right,
  splitter.color = NULL,
  bg.left.color = NULL,
  left.bg.url = NULL,
  right.bg.url = NULL,
  bg.right.color = NULL,
  border.color = NULL,
  position = c("vertical", "horizontal"),
  text.left.color = "black",
  text.right.color = "black",
  min.height = NULL,
  left.width = NULL
)
```

**Arguments**

left	content on the left or top
right	content on the right or bottom
splitter.color	splitter color e.g red, black or #333333
bg.left.color	left panel color e.g red, black or #333333
left.bg.url	left panel background image e.g image1.png or https://..image1.png
right.bg.url	right panel background image e.g image1.png or https://..image1.png
bg.right.color	right panel color e.g red, black or #333333
border.color	border color of the container e.g. red or #f5f5f5
position	position of divider or splitter
text.left.color	color of left panel text
text.right.color	color of right panel text
min.height	minimum height of the panel
left.width	width of the left panel e.g. 100 percent or 500 px

**Value**

Resizable split screen container

**Examples for r2resize**

More examples and demo pages are located at this link - <https://rpkg.net/package/r2resize>.

**Examples**

```
#basic attributes
r2resize::splitCard(
  "Sample text",
  "Sample text 2"
)

#specify background color for each side
r2resize::splitCard(
  "Sample r2symbols 1",
  "Sample nextGen 1",
  bg.right.color = "white",
  bg.left.color = "lightgray",
  position = "vertical"
)

#add the split card attribute on vertical
r2resize::splitCard(
  "Sample shinyStorePlus",
  "Sample nextGen 1",
  bg.right.color = "white",
  bg.left.color = "lightgray",
  border.color = "black",
  text.left.color = "black",
  text.right.color = "black",
  position = "vertical"
)

#specify width of the left container
#specify height of the entire panel
r2resize::splitCard(
  "pkg card.pro",
  "pkg r2social",
  bg.right.color = "white",
  bg.left.color = "lightgray",
  border.color = "black",
  text.left.color = "black",
  text.right.color = "black",
  min.height = '400px',
  left.width = "80%"
)

# specify split card on the horizontal position
r2resize::splitCard(
  "Sample sciRmdTheme 1",
  "Sample nextGen 1",
  bg.right.color = "white",
  bg.left.color = "lightgray",
  border.color = "gray",
  text.left.color = "black",
```

```

    text.right.color = "black",
    position = "horizontal"
)

```

---

splitCard2

*Re sizable split screen container version 2*


---

### Description

Highly customizable and re sizable split screen container version 2

### Usage

```

splitCard2(
  left,
  right,
  bg.left.color = NULL,
  bg.right.color = NULL,
  border.color = NULL,
  text.left.color = "black",
  text.right.color = "black",
  slider.position = charNum1to100
)

```

### Arguments

left	content on the left or top
right	content on the right or bottom
bg.left.color	left panel color e.g red, black or #333333
bg.right.color	right panel color e.g red, black or #333333
border.color	border color of the container e.g. red or #f5f5f5
text.left.color	color of left panel text
text.right.color	color of right panel text
slider.position	position of the slider in percent

### Value

Realizable split screen container style 2

### Examples for r2resize

More examples and demo pages are located at this link - <https://rpkg.net/package/r2resize>.

**Examples**

```

#Use the default split card 2 function
#add a question on one side, and answer on the other
r2resize::splitCard2(
  shiny::tags$h1("Question 1"),
  shiny::tags$h1("Answer 1"),
  slider.position = "40"
)

#specify the backgroun color for the sides
r2resize::splitCard2(
  "Sample r2symbols 1",
  "Sample nextGen 1",
  bg.right.color = "white",
  bg.left.color = "lightgray"
)

#alter the border color
#specify the text color for each side
r2resize::splitCard2(
  "Sample shinyStorePlus",
  "Sample nextGen 1",
  bg.right.color = "white",
  bg.left.color = "lightgray",
  border.color = "black",
  text.left.color = "black",
  text.right.color = "black"
)

##change the text color from one side to the other
r2resize::splitCard2(
  "Sample sciRmdTheme 1",
  "Sample nextGen 1",
  bg.right.color = "white",
  bg.left.color = "lightgray",
  border.color = "gray",
  text.left.color = "red",
  text.right.color = "blue"
)

```

---

windowCard

*Resizable Moveable Expandable Window Card*


---

**Description**

Easily expandable and resizable content container holder

**Usage**

```

windowCard(
    ...,
    title = "Sample title",
    width = "50%",
    bg.color = NULL,
    border.color = NULL,
    header.text.color = NULL,
    body.text.color = NULL
)

```

**Arguments**

...	content of the container
title	title of the header
width	width of the container
bg.color	background color of the content area
border.color	color of the container border
header.text.color	color of the header text
body.text.color	color of the content text

**Value**

A window-like card container that is expandable and resizable

**Examples for r2resize**

More examples and demo pages are located at this link - <https://rpkg.net/package/r2resize>.

**Note**

Please note that only one windowCard may be created by page

**Examples**

```

#simple window card with default attributes
#shows up centered on the screen
r2resize::windowCard("sample r2symbols text")

```

```

#specify the width of the window card
#specify the title
#specify the header color
#speciy other features
r2resize::windowCard(
  title = "Sample Window card",
  width = "500px",

```



```
bg.color = "white",  
border.color = "brown",  
header.text.color = "white",  
body.text.color = "black")
```

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