Package ‘aos’

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Title  Animate on Scroll Library for ‘shiny’
Version 0.1.0
Description Trigger animation effects on scroll on any HTML element of ‘shiny’ and ‘rmarkdown’, such as any text or plot, thanks to the ‘AOS’ Animate On Scroll jQuery library.
License MIT + file LICENSE
Encoding UTF-8
LazyData true
RoxygenNote 7.1.0
Imports jsonlite, htmltools
Suggests shiny
BugReports https://github.com/lgnbhl/aos/issues
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Animate element on scroll

Description

Animate on scroll a Shiny or R Markdown element.

Usage

```r
aos(
  element,
  animation,
  offset = "120",
  duration = "400",
  easing = "ease",
  delay = "0",
  anchor = "",
  anchor_placement = "top-bottom",
  once = FALSE,
  ...
)
```

Arguments

- `element` An shiny or rmarkdown element.
- `animation` An animation from AOS
- `offset` string. Change offset to trigger animations sooner or later, px
- `duration` string. Duration of animation in ms
- `easing` string. Choose timing function to ease elements in different ways
- `delay` string. Delay animation in ms
- `anchor` string. Anchor placement
- `anchor_placement` string. Anchor placement - which one position of element on the screen should trigger animation
- `once` boolean.
- `...` Additional class element

Value

Javascript code animating the element.
use_aos

Examples

if (interactive()) {
  library(shiny)
  shinyApp(
    ui = fluidPage(
      use_aos(), # add use_aos() in the UI
      aos(h1("Shiny with AOS - Animate On Scroll"), animation = "fade-zoom-in"),
      aos(textOutput("text"), animation = "fade-up")
    ),
    server <- function(input, output, session){
      output$text <- renderText({ print("An animated text.") })
    }
  )
}

use_aos

Use aos

Description

Use aos

Usage

use_aos(
  disable = FALSE,
  startEvent = "DOMContentLoaded",
  initClassName = "aos-init",
  animatedClassName = "aos-animate",
  useClassNames = FALSE,
  disableMutationObserver = FALSE,
  debounceDelay = "50",
  throttleDelay = "99",
  offset = "120",
  duration = "400",
  easing = "ease",
  delay = "0"
)

Arguments

disable string. Condition when AOS should be disabled, for example 'mobile'
startEvent string. Name of the event dispatched on the document, that AOS should initialize on
initClassName string. Class applied after initialization
animatedClassName
  string. Class applied on animation
useClassNames boolean. If true, will add content of data-aos as classes on scroll
disableMutationObserver
  boolean. Disables automatic mutations detections (advanced)
debounceDelay string. The delay on debounce used while resizing window (advanced)
throttleDelay string. The delay on throttle used while scrolling the page (advanced)
offset string. Change offset to trigger animations sooner or later, in px
duration string. Duration of animation in ms.
easing string. Timing function to animate elements nicely
delay string. Delay animation (ms)

Value
  Javascript code initializing aos with dependencies.

Examples
if (interactive()) {
  library(shiny)
  shinyApp(
    ui = fluidPage(
      use_aos(), # add use_aos() in the UI
      aos(h1("Shiny with AOS - Animate On Scroll"), animation = "fade-zoom-in"),
      aos(textOutput("text"), animation = "fade-up")
    ),
    server <- function(input, output, session){
      output$text <- renderText({ print("An animated text.") })
    }
  )
}

use_aos_refresh Refresh aos

Description
  Recalculate all offsets and positions of elements (called on window resize).

Usage
  use_aos_refresh()
Details
By default AOS is watching for DOM changes and if there are any new elements loaded asynchronously or when something is removed from DOM it calls refreshHard automatically. In browsers that don’t support MutationObserver like IE you might need to call AOS.refreshHard() by yourself.

Value
Javascript code

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