# Package: alesia (via r-universe)

September 1, 2024

**Title** 'HTML' Minifier Middleware for 'Ambiorix'

**Version** 0.0.1.9000

**Description** 'HTML' minifier middleware for 'Ambiorix'.

**License** GPL (>= 2)

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.1.2

**Imports** V8

**Repository** https://devopifex.r-universe.dev

**RemoteUrl** https://github.com/devOpifex/alesia

**RemoteRef** HEAD

**RemoteSha** 2245eeb2d5bff2b7057a6f5cf519141cba4ba492

## Contents

---

| alesia | *Alesia* |
|---|---|

---

**Description**

Alesia

1

## Usage

```
alesia(
  caseSensitive = FALSE,
  collapseBooleanAttributes = TRUE,
  collapseInlineTagWhitespace = TRUE,
  collapseWhitespace = TRUE,
  conservativeCollapse = TRUE,
  continueOnParseError = TRUE,
  customAttrAssign = list(),
  customAttrSurround = list(),
  decodeEntities = FALSE,
  html5 = TRUE,
  includeAutoGeneratedTags = TRUE,
  keepClosingSlash = FALSE,
  minifyCSS = TRUE,
  minifyJS = TRUE,
  minifyURLs = TRUE,
  preserveLineBreaks = FALSE,
  preventAttributesEscaping = FALSE,
  processConditionalComments = FALSE,
  quoteCharacter = "'",
  removeAttributeQuotes = TRUE,
  removeComments = TRUE,
  removeEmptyAttributes = TRUE,
  removeEmptyElements = FALSE,
  removeOptionalTags = FALSE,
  removeRedundantAttributes = FALSE,
  removeScriptTypeAttributes = FALSE,
  removeStyleLinkTypeAttributes = FALSE,
  sortAttributes = FALSE,
  sortClassName = FALSE,
  trimCustomFragments = FALSE,
  useShortDoctype = FALSE
)
```

## Arguments

caseSensitive    Treat attributes in case sensitive manner (useful for custom HTML tags) | false |

collapseBooleanAttributes

Omit attribute values from boolean attributes | false |

collapseInlineTagWhitespace

Don't leave any spaces between display:inline; elements when collapsing. Must be used in conjunction with collapseWhitespace=true | false |

collapseWhitespace

Collapse white space that contributes to text nodes in a document tree | false |

conservativeCollapse

Always collapse to 1 space (never remove it entirely). Must be used in conjunction with collapseWhitespace=true | false |

continueOnParseError

> [Handle parse errors](#) instead of aborting. | false |

customAttrAssign

> Arrays of regex'es that allow to support custom attribute assign expressions (e.g. <div flex?="{{mode != cover}}"></div>)|[]|
>
> [ ]: R:%20

customAttrSurround

> Arrays of regex'es that allow to support custom attribute surround expressions (e.g. <input {{#if value}}checked="checked"{{/if}}>)|[]|
>
> [ ]: R:%20

decodeEntities  Use direct Unicode characters whenever possible | false |

html5           Parse input according to HTML5 specifications | true |

includeAutoGeneratedTags

> Insert tags generated by HTML parser | true |

keepClosingSlash

> Keep the trailing slash on singleton elements | false |

minifyCSS       Minify CSS in style elements and style attributes (uses [clean-css](#)) | false (could be true, Object, Function(text, type)) |

minifyJS        Minify JavaScript in script elements and event attributes (uses [UglifyJS](#)) | false (could be true, Object, Function(text, inline)) |

minifyURLs      Minify URLs in various attributes (uses [relateurl](#)) | false (could be String, Object, Function(text)) |

preserveLineBreaks

> Always collapse to 1 line break (never remove it entirely) when whitespace between tags include a line break. Must be used in conjunction with collapseWhitespace=true | false |

preventAttributesEscaping

> Prevents the escaping of the values of attributes | false |

processConditionalComments

> Process contents of conditional comments through minifier | false |

quoteCharacter  Type of quote to use for attribute values (' or ") | |

removeAttributeQuotes

> [Remove quotes around attributes when possible](#) | false |

removeComments  [Strip HTML comments](#) | false |

removeEmptyAttributes

> [Remove all attributes with whitespace-only values](#) | false (could be true, Function(attrName, tag)) |

removeEmptyElements

> [Remove all elements with empty contents](#) | false |

removeOptionalTags

> [Remove optional tags](#) | false |

removeRedundantAttributes

> [Remove attributes when value matches default.](#) | false |

removeScriptTypeAttributes

                Remove type="text/javascript" from script tags. Other type attribute values are left intact | false |

removeStyleLinkTypeAttributes

                Remove type="text/css" from style and link tags. Other type attribute values are left intact | false |

sortAttributes     [Sort attributes by frequency](#) | false |

sortClassName     [Sort style classes by frequency](#) | false |

trimCustomFragments

                Trim white space around ignoreCustomFragments. | false |

useShortDoctype

                [Replaces the doctype with the short (HTML5) doctype](#) | false |

---

| minify | *Minify* |
|--------|----------|

---

## Description

Minify HTML.

## Usage

```
minify(
  html,
  caseSensitive = FALSE,
  collapseBooleanAttributes = TRUE,
  collapseInlineTagWhitespace = TRUE,
  collapseWhitespace = TRUE,
  conservativeCollapse = TRUE,
  continueOnParseError = TRUE,
  customAttrAssign = list(),
  customAttrSurround = list(),
  decodeEntities = FALSE,
  html5 = TRUE,
  includeAutoGeneratedTags = TRUE,
  keepClosingSlash = FALSE,
  minifyCSS = TRUE,
  minifyJS = TRUE,
  minifyURLs = TRUE,
  preserveLineBreaks = FALSE,
  preventAttributesEscaping = FALSE,
  processConditionalComments = FALSE,
  quoteCharacter = "'",
  removeAttributeQuotes = TRUE,
  removeComments = TRUE,
  removeEmptyAttributes = TRUE,
```

```
    removeEmptyElements = FALSE,
    removeOptionalTags = FALSE,
    removeRedundantAttributes = FALSE,
    removeScriptTypeAttributes = FALSE,
    removeStyleLinkTypeAttributes = FALSE,
    sortAttributes = FALSE,
    sortClassName = FALSE,
    trimCustomFragments = FALSE,
    useShortDoctype = FALSE
)
```

## Arguments

| | |
|---|---|
| `html` | HTML string to minify. |
| `caseSensitive` | Treat attributes in case sensitive manner (useful for custom HTML tags) \| false \| |
| `collapseBooleanAttributes` | |
| | Omit attribute values from boolean attributes \| false \| |
| `collapseInlineTagWhitespace` | |
| | Don't leave any spaces between display:inline; elements when collapsing. Must be used in conjunction with collapseWhitespace=true \| false \| |
| `collapseWhitespace` | |
| | Collapse white space that contributes to text nodes in a document tree \| false \| |
| `conservativeCollapse` | |
| | Always collapse to 1 space (never remove it entirely). Must be used in conjunction with collapseWhitespace=true \| false \| |
| `continueOnParseError` | |
| | Handle parse errors instead of aborting. \| false \| |
| `customAttrAssign` | |
| | Arrays of regex'es that allow to support custom attribute assign expressions (e.g. `<div flex?="{{mode != cover}}"></div>`)\|[]\| |
| | [ ]: R:%20 |
| `customAttrSurround` | |
| | Arrays of regex'es that allow to support custom attribute surround expressions (e.g. `<input {{#if value}}checked="checked"{{/if}}>`)\|[]\| |
| | [ ]: R:%20 |
| `decodeEntities` | Use direct Unicode characters whenever possible \| false \| |
| `html5` | Parse input according to HTML5 specifications \| true \| |
| `includeAutoGeneratedTags` | |
| | Insert tags generated by HTML parser \| true \| |
| `keepClosingSlash` | |
| | Keep the trailing slash on singleton elements \| false \| |
| `minifyCSS` | Minify CSS in style elements and style attributes (uses clean-css) \| false (could be true, Object, Function(text, type)) \| |
| `minifyJS` | Minify JavaScript in script elements and event attributes (uses UglifyJS) \| false (could be true, Object, Function(text, inline)) \| |

`minifyURLs`        Minify URLs in various attributes (uses relateurl) | false (could be String, Object, Function(text)) |

`preserveLineBreaks`

Always collapse to 1 line break (never remove it entirely) when whitespace between tags include a line break. Must be used in conjunction with collapse-Whitespace=true | false |

`preventAttributesEscaping`

Prevents the escaping of the values of attributes | false |

`processConditionalComments`

Process contents of conditional comments through minifier | false |

`quoteCharacter`   Type of quote to use for attribute values (' or ") | |

`removeAttributeQuotes`

Remove quotes around attributes when possible | false |

`removeComments`   Strip HTML comments | false |

`removeEmptyAttributes`

Remove all attributes with whitespace-only values | false (could be true, Function(attrName, tag)) |

`removeEmptyElements`

Remove all elements with empty contents | false |

`removeOptionalTags`

Remove optional tags | false |

`removeRedundantAttributes`

Remove attributes when value matches default. | false |

`removeScriptTypeAttributes`

Remove type="text/javascript" from script tags. Other type attribute values are left intact | false |

`removeStyleLinkTypeAttributes`

Remove type="text/css" from style and link tags. Other type attribute values are left intact | false |

`sortAttributes`   Sort attributes by frequency | false |

`sortClassName`    Sort style classes by frequency | false |

`trimCustomFragments`

Trim white space around ignoreCustomFragments. | false |

`useShortDoctype`

Replaces the doctype with the short (HTML5) doctype | false |

# Index