

# Package: alesia (via r-universe)

March 12, 2025

**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  
**Config/pak/sysreqs** libssl-dev libnode-dev  
**Repository** <https://ambiorix-web.r-universe.dev>  
**RemoteUrl** <https://github.com/ambiorix-web/alesia>  
**RemoteRef** HEAD  
**RemoteSha** 2245eeb2d5bff2b7057a6f5cf519141cba4ba492

## Contents

alesia	1
minify	4
<b>Index</b>	<b>7</b>

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alesia	<i>Alesia</i>
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## Description

Alesia

**Usage**

```

alesia(
  caseSensitive = FALSE,
  collapseBooleanAttributes = TRUE,
  collapseInlineTagWhitespace = TRUE,
  collapseWhitespace = TRUE,
  conservativeCollapse = TRUE,
  continueOnError = 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 |

`continueOnError` **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 |

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minify

*Minify*

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## Description

Minify HTML.

## Usage

```
minify(  
  html,  
  caseSensitive = FALSE,  
  collapseBooleanAttributes = TRUE,  
  collapseInlineTagWhitespace = TRUE,  
  collapseWhitespace = TRUE,  
  conservativeCollapse = TRUE,  
  continueOnError = 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 |

**continueOnError**  
**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 <a href="#">relateurl</a> )   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	<a href="#">Remove quotes around attributes when possible</a>   false
removeComments	<a href="#">Strip HTML comments</a>   false
removeEmptyAttributes	<a href="#">Remove all attributes with whitespace-only values</a>   false (could be true, Function(attrName, tag))
removeEmptyElements	<a href="#">Remove all elements with empty contents</a>   false
removeOptionalTags	<a href="#">Remove optional tags</a>   false
removeRedundantAttributes	<a href="#">Remove attributes when value matches default.</a>   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	<a href="#">Sort attributes by frequency</a>   false
sortClassName	<a href="#">Sort style classes by frequency</a>   false
trimCustomFragments	Trim white space around ignoreCustomFragments.   false
useShortDoctype	<a href="#">Replaces the doctype with the short (HTML5) doctype</a>   false

# Index

alesia, 1

minify, 4