

Package ‘algo’

July 22, 2025

Title Implement an Address Search Auto Completion Menu on 'Shiny' Text Inputs Using the 'Algolia Places' 'Javascript' Library

Version 0.1.0

Description

Allows the user to implement an address search auto completion menu on 'shiny' text inputs. This is done using the 'Algolia Places' 'JavaScript' library. See <<https://community.algolia.com/places/>>.

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Encoding UTF-8

LazyData true

RoxygenNote 7.1.0

Imports glue, htmltools, jsonlite

URL <https://github.com/feddelegrand7/algo>

BugReports <https://github.com/feddelegrand7/algo/issues>

Suggests knitr, rmarkdown

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

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algo	<i>Implement the Algolia Places address search-autocompletion menu on shiny text inputs</i>
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Description

In order to use this function, the user must get an application ID and an API key from the Algolia website and store them within her environment (please refer to the package's vignette). He must also put the use_algia() function at the beginning of her shiny ui.

Usage

```
algo(element, type = "address", language = "en_US", countries = NULL)
```

Arguments

element	the shiny text element that will be used for the Algolia Places autocompletion menu
type	Restrict the search results to a specific type. The user can choose from "city", "country", "address", "busStop", "trainStation", "townhall" and airport. Defaults to "address".
language	Get the results in a specific language. The user can pass two letters language codes (ISO 639-1). Defaults to "en_US"
countries	Change the countries to search in. The user can pass a vector of two letters country codes (ISO 639-1). Defaults to the whole world.

Value

An address search-autocompletion menu on shiny text inputs

use_algia	<i>Enable the Algolia Places JavaScript library</i>
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Description

The function activates the capabilities of the Algolia Places JavaScript library. The user must put it at the beginning of her shiny ui. This function works only when the user has set an application ID and an API key, collected from the Algolia website, within her R environment (please refer to the vignette).

Usage

```
use_algia()
```

Value

called for the side effect of activating the Algolia Places JavaScript library

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