

Package ‘leaflet.providers’

October 17, 2023

Type Package

Title Leaflet Providers

Version 2.0.0

Description Contains third-party map tile provider information from 'Leaflet.js', <<https://github.com/leaflet-extras/leaflet-providers>>, to be used with the 'leaflet' R package. Additionally, 'leaflet.providers' enables users to retrieve up-to-date provider information between package updates.

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URL <https://rstudio.github.io/leaflet.providers/>,
<https://github.com/rstudio/leaflet.providers>

BugReports <https://github.com/rstudio/leaflet.providers/issues>

Depends R (>= 2.10)

Imports htmltools

Suggests jsonlite, testthat (>= 3.0.0), V8

Config/Needs/website tidyverse/tidytemplate

Config/testthat/edition 3

Encoding UTF-8

Language en-US

RoxygenNote 7.2.3

Collate 'providers_data.R' 'get_current_providers.R'
'leaflet.providers-package.R' 'zzz.R'

NeedsCompilation no

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get_providers	<i>Fetch leaflet providers from Leaflet.js.</i>
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Description

Fetch leaflet providers from Leaflet.js.

Usage

```
get_providers(version_num = NULL)
```

Arguments

version_num	Version number with which to update leaflet providers. If NULL, fetches most recent version.
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Value

leaflet_providers object containing providers_version_num, providers_data, providers_details_data, src

Examples

```
if (
  interactive() &&
  requireNamespace("V8", quietly = TRUE) &&
  requireNamespace("jsonlite", quietly = TRUE)
) {
  get_providers()
  get_providers("1.8.0")
}
```

providers_default	<i>Return default providers, providers_details, version, and HTML Dependency.</i>
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Description

Return default providers, providers_details, version, and HTML Dependency.

Usage

```
providers_default()
```

Value

leaflet_providers object containing providers_version_num, providers, providers_details, and src

Examples

```
str(providers_default(), max = 3, list.len = 4)
```

providers_loaded	<i>Return currently loaded providers, providers_details, version, and HTML Dependency.</i>
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Description

Return currently loaded providers, providers_details, version, and HTML Dependency.

Usage

```
providers_loaded()
```

Value

leaflet_providers object containing providers_version_num, providers, providers_details, and src

Examples

```
str(providers_loaded(), max = 3, list.len = 4)
```

use_providers	<i>Use custom tile provider</i>
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Description

Use a custom leaflet_providers object, e.g. providers data fetched with [get_providers](#), with the leaflet package.

Usage

```
use_providers(providers_info = NULL)
```

Arguments

providers_info A custom leaflet_providers object. If NULL, uses default providers.

Examples

```
if (require("V8") && require("jsonlite")) {  
  # Set providers to latest providers  
  use_providers(get_providers())  
  
  # Set providers to a custom providers object (specific version number)  
  use_providers(get_providers("1.4.0"))  
  use_providers("1.4.0")  
}
```

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