Package: NGCHMSupportFiles (via r-universe)

August 19, 2024

Title Support Files for Building Next Generation Clustered Heat Maps (NG-CHMs)

Description Support files required by the 'NGCHM' package to export Next-Generation Clustered Heat Maps (NG-CHMs) to .ngchm, HTML, and PDF files. These support files are updated mostly independently from the 'NGCHM' package, and are therefore provided separately.

License GPL-3

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.1

SystemRequirements Java JDK (>= 11)

URL https://github.com/MD-Anderson-Bioinformatics/NGCHMSupportFiles, https://md-anderson-bioinformatics.r-universe.dev/NGCHMSupportFiles

Suggests knitr, rmarkdown

Version 2.24.4

Repository https://marohrdanz.r-universe.dev

RemoteUrl https://github.com/MD-Anderson-Bioinformatics/NGCHMSupportFiles

RemoteRef HEAD

RemoteSha 7425a4ae08a87ae84778ed764eebf8744a52efda

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Support Files for Building Next Generation Clustered Heat Maps (NG-CHMs)

Description

Support Files for 'NGCHM' package

Details

Files provided by this package:

- `ShaidyMapGen.jar` - Compiled Java code. Used by `NGCHM::chmExportToFile()`, `NGCHM::chmExportToHTML()`, `NGCHM::chmExportToPDF()` to produce .ngchm, .html, and .pdf files, respectively.

- `ngchmWidget-min.js` - JavaScript library used to display NG-CHMs in a web browser. Used by `NGCHM::chmExportToHTML()`.

These Support Files are made available to the 'NGCHM' package via environment variables, `SHAIDYMAPGEN` and `NGCHMWIDGETPATH`, which are set when this package loads. These files are required to export a Next-Generation Clustered Heat Map (NG-CHM) to a .ngchm, .html, or .pdf file.

Installation

This package can be installed from MD Anderson Bioinformatics R-universe repository:

```
install.packages("NGCHMSupportFiles",
repos = c("https://md-anderson-bioinformatics.r-universe.dev", "https://cran.r-project.org"))
```

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See Also

Useful links:

- <https://github.com/MD-Anderson-Bioinformatics/NGCHMSupportFiles>
- <https://md-anderson-bioinformatics.r-universe.dev/NGCHMSupportFiles>

.onAttach *Display message regarding environment variables*

Description

Display message to user that environment variables were set for:

- SHAIDYMAPGEN - Path to the included file ShaidyMapGen.jar
- NGCHMWIDGETPATH - Path to the included file ngchmWidget-min.js

Usage

```
.onAttach(libname, pkgname)
```

Arguments

libname	name of the library
pkgname	name of the package

.onLoad *Define environment variables*

Description

Define environment variables:

- SHAIDYMAPGEN - Path to the included file ShaidyMapGen.jar
- NGCHMWIDGETPATH - Path to the included file ngchmWidget-min.js

Usage

```
.onLoad(libname, pkgname)
```

Arguments

libname	name of the library
pkgname	name of the package

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