Package: clipper (via r-universe)

September 6, 2024

Title Another Port of Angus Johnson's 'clipper' Polygon Clipping Library

Version 0.0.0.1

Description Another Port of Angus Johnson's 'clipper' Polygon Clipping Library.

License GPL-3

Depends R (>= 2.10)

Imports geodist, magrittr, Rcpp (>= 0.12.6)

Suggests testthat

LinkingTo Rcpp

SystemRequirements C++11

NeedsCompilation yes

Encoding UTF-8

LazyData true

URL https://github.com/hypertidy/clipper

BugReports https://github.com/hypertidy/clipper/issues

RoxygenNote 6.1.1

Roxygen list(markdown = TRUE)

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

RemoteUrl https://github.com/hypertidy/clipper

RemoteRef HEAD

RemoteSha 5b31b9f4517251f3586a351fa444315a4d602154

Contents

castlemaine *castlemaine*

Description

'Silicate' ('SC') format street network data for Castlemaine, Australia.

Format

List of `data.frame` objects representing different components of the street network

castlemaine_green *castlemaine_green*

Description

Polygons of all green spaces in Castlemaine, Australia

Format

sf-format `data.frame` of green space polygons

clipper *clipper*

Description

Another Port of Angus Johnson's 'clipper' Polygon Clipping Library.

path_through_poly *path_through_poly*

Description

Relative length of path that passes through polygons

Usage

```
path_through_poly(path, polys)
```

Arguments

path	A data.frame with x and y columns denoting sequential coordinates of a path.
polys	A list of data.frame objects, each of which has coordinates labelled x and y tracing a closed polygon.

Value

Single value quantifying the total relative length of the input path that passes through the polygons

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