

Package ‘igraphsonia’

July 22, 2025

Type Package

Version 1.0

Date 2010-08-05

Title Convert iGraph graphs to SoNIA .son files

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Depends igraph

Description This program facilitates exporting igraph graphs to the SoNIA file format

License GPL (>= 2)

LazyLoad yes

Repository CRAN

Date/Publication 2012-10-29 08:59:00

NeedsCompilation no

Contents

attachEdgeAtt	1
attachVertexAtt	2
write.graph.to.sonia	3

Index	4
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attachEdgeAtt	<i>Attach valid edge attributes to the SoNIA output graph</i>
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Description

attachEdgeAtt Attach valid Edge attributes to the SoNIA output graph.

Usage

```
attachEdgeAtt(export_graph, source_graph, exportAttName, sourceAttName)
```

Arguments

```
export_graph    graph formatted for SoNIA
source_graph    source (original) igraph graph
exportAttName   attribute name supported by SoNIA
sourceAttName   attribute name supported by igraph
```

Value

```
export_graph    graph formatted for SoNIA with the specified attribute
```

Author(s)

```
Sean J. Westwood <seanjw@stanford.edu>
```

Examples

```
##
```

```
attachVertexAtt      Attach valid vertex attributes to the SoNIA output graph
```

Description

```
attachVertexAtt Attach valid vertex attributes to the SoNIA output graph.
```

Usage

```
attachVertexAtt(export_graph, source_graph, exportAttName, sourceAttName)
```

Arguments

```
export_graph    graph formatted for SoNIA
source_graph    source (original) igraph graph
exportAttName   attribute name supported by SoNIA
sourceAttName   attribute name supported by igraph
```

Value

```
export_graph    graph formatted for SoNIA with the specified attribute
```

Author(s)

Sean J. Westwood <seanjw@stanford.edu>

Examples

##

`write.graph.to.sonia` *Write SoNIA file*

Description

`write.graph.to.sonia` Takes an `igraph` graph object and outputs a SoNIA import file

Usage

`write.graph.to.sonia(source_graph, fileN)`

Arguments

`source_graph` graph to export
`fileN` file name for export

Author(s)

Sean J Westwood <seanjw@stanford.edu>

Examples

```
#example
## Not run:
write.graph.to.sonia(graph, "export.son")

## End(Not run)
```

Index

* **~sna**

attachEdgeAtt, [1](#)

attachVertexAtt, [2](#)

write.graph.to.sonia, [3](#)

attachEdgeAtt, [1](#)

attachVertexAtt, [2](#)

write.graph.to.sonia, [3](#)