

Package ‘igraphsonia’

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Type Package

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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

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NeedsCompilation no

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attachEdgeAtt *Attach valid edge attributes to the SoNIA output graph*

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
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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)
```

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