Package 'igraphtosonia'

October 13, 2022

Type Package

Version 1.0

Date 2010-08-05

Title Convert iGraph graps to SoNIA .son files

Author Sean J Westwood <seanjw@stanford.edu>

Maintainer Sean J Westwood <seanjw@stanford.edu>

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

R topics documented:

---

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

Description

attachEdgeAtt Attach valid Edge attributes to the SoNIA output graph.

1

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