

# Package: igraphtosonia (via r-universe)

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**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

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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**

```
##
```

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

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**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

```
##
```

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

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## 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

<code>source_graph</code>	graph to export
<code>fileN</code>	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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\* **~sna**

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