Package 'phyext2'

October 14, 2022

Type Package Title An Extension (for Package 'SigTree') of Some of the Classes in Package 'phylobase' Version 0.0.4 Date 2015-07-27 Author J. Conrad Stack Maintainer John R. Stevens < john.r.stevens@usu.edu> Imports methods, phylobase, ape, grid, stats Description Based on (but not identical to) the no-longer-maintained package 'phyext', provides enhancements to 'phylobase' classes, specifically for use by package 'SigTree'; provides classes and methods which help users manipulate branchannotated trees (as in 'SigTree'); also provides support for a few other extra features. License GPL-3 NeedsCompilation no **Repository** CRAN Date/Publication 2015-07-27 23:38:32

R topics documented:

phyext2	2	
	4	

Index

phyext2

Description

Internal functions, classes, and methods (from the no-longer-maintained phyext package) used indirectly by the export.figtree function of the SigTree package.

Details

The export.figtree function of the SigTree package depends on several functions in the previouslymaintained phyext package. In December 2014, that package's maintainer declined to continue maintenance, and that package was dropped from CRAN. With the permission of that package's original author (Conrad Stack), the tools of the phyext package are included here.

The original phyext package can be found in the CRAN archives: http://cran.r-project.org/src/contrib/Archive/phyext/

Author(s)

J. Conrad Stack

References

J. Conrad Stack (2011). "phyext: An extension of some of the classes in phylobase. Tree objects now support subnodes on branches." R package version 0.0.1.

Examples

dummy example
x <- 1</pre>

phyext2class Misc. functions from phyext package (class definitions)

Description

Internal functions, classes, and methods (from the no-longer-maintained phyext package) used indirectly by the export.figtree function of the SigTree package.

Details

The export.figtree function of the SigTree package depends on several functions in the previouslymaintained phyext package. In December 2014, that package's maintainer declined to continue maintenance, and that package was dropped from CRAN. With the permission of that package's original author (Conrad Stack), the tools of the phyext package are included here.

The original phyext package can be found in the CRAN archives: http://cran.r-project.org/src/contrib/Archive/phyext/

phyext2methods

Author(s)

J. Conrad Stack

References

J. Conrad Stack (2011). "phyext: An extension of some of the classes in phylobase. Tree objects now support subnodes on branches." R package version 0.0.1.

Examples

dummy example
x <- 1</pre>

phyext2methods Misc. functions from phyext package (methods definitions)

Description

Internal functions, classes, and methods (from the no-longer-maintained phyext package) used indirectly by the export.figtree function of the SigTree package.

Details

The export.figtree function of the SigTree package depends on several functions in the previouslymaintained phyext package. In December 2014, that package's maintainer declined to continue maintenance, and that package was dropped from CRAN. With the permission of that package's original author (Conrad Stack), the tools of the phyext package are included here.

The original phyext package can be found in the CRAN archives: http://cran.r-project.org/src/contrib/Archive/phyext/

Author(s)

J. Conrad Stack

References

J. Conrad Stack (2011). "phyext: An extension of some of the classes in phylobase. Tree objects now support subnodes on branches." R package version 0.0.1.

Examples

```
# dummy example
x <- 1</pre>
```

Index

```
coerce,phylo,phylo4d_ext-method
        (phyext2class), 2
coerce,phylo4,phylo4d_ext-method
        (phyext2class), 2
coerce,phylo4d,phylo4d_ext-method
        (phyext2class), 2
coerce-methods (phyext2class), 2
collapse.singletons (phyext2), 2
collapse.subnodes (phyext2), 2
collapse.to.singles (phyext2), 2
contData (phyext2), 2
```

deep.phy.copy (phyext2), 2
discData (phyext2), 2

expand.singles(phyext2), 2

get.nexus.comments(phyext2),2
get.nodenames(phyext2),2
get.tree.weights(phyext2),2
getEmptyDataFrame(phyext2),2
getSubNodeData(phyext2),2
getSubNodeEdgeInds(phyext2),2
getSubNodePosish(phyext2),2
guess.datatype(phyext2),2

has.block (phyext2), 2 has.characters2(phyext2), 2 has.weights (phyext2), 2 hasData (phyext2methods), 3 hasData, list-method (phyext2methods), 3 hasData, phylo-method (phyext2methods), 3 hasData, phylo4-method (phyext2methods), 3 hasData,phylo4d-method (phyext2methods), 3 hasData-methods (phyext2methods), 3 hasDataColumn (phyext2methods), 3 hasDataColumn, phylo, ANY-method (phyext2methods), 3 hasDataColumn, phylo4, ANY-method (phyext2methods), 3 hasDataColumn,phylo4d,character-method (phyext2methods), 3 hasDataColumn,phylo4d,numeric-method (phyext2methods), 3 hasDataColumn-methods (phyext2methods), 3 hasSubNodes (phyext2methods), 3 hasSubNodes,list-method (phyext2methods), 3 hasSubNodes,phylo-method (phyext2methods), 3 hasSubNodes,phylo4-method (phyext2methods), 3 hasSubNodes,phylo4d_ext-method (phyext2methods), 3 hasSubNodes-methods (phyext2methods), 3 hasWeight (phyext2class), 2 hasWeight, list-method (phyext2class), 2 hasWeight, phylo4d_ext-method (phyext2class), 2

is.simmap(phyext2), 2
match.order(phyext2), 2

INDEX

```
newlabels.v15(phyext2), 2
newlabels.v1x (phyext2), 2
noneData (phyext2), 2
nSubNodes (phyext2), 2
phyext(phyext2methods), 3
phyext, character-method
        (phyext2methods), 3
phyext, list-method (phyext2methods), 3
phyext, phylo-method (phyext2methods), 3
phyext, phylo4-method (phyext2methods), 3
phyext,phylo4d-method (phyext2methods),
phyext,phylo4d_ext-method
        (phyext2methods), 3
phyext-methods (phyext2methods), 3
phyext2, 2
phyext2class, 2
phyext2methods, 3
phyextPlot (phyext2), 2
phylo4d_ext-class (phyext2class), 2
plot,phylo4d_ext,missing-method
        (phyext2class), 2
read.characters2(phyext2), 2
read.nexus.block (phyext2), 2
read.nexus.simmap (phyext2), 2
read.simmap(phyext2),2
rmdata (phyext2methods), 3
rmdata,brownie,character,missing-method
        (phyext2methods), 3
rmdata,brownie,numeric,ANY-method
        (phyext2methods), 3
rmdata,brownie,numeric,missing-method
        (phyext2methods), 3
rmdata,brownie,numeric,numeric-method
        (phyext2methods), 3
rmdata,list,ANY,missing-method
        (phyext2methods), 3
rmdata,phylo4d,character,missing-method
        (phyext2methods), 3
rmdata,phylo4d,numeric,missing-method
        (phyext2methods), 3
rmdata,phylo4d_ext,character,missing-method
        (phyext2methods), 3
rmdata,phylo4d_ext,numeric,missing-method
        (phyext2methods), 3
rmdata,phylo4d_ext,numeric,numeric-method
        (phyext2methods), 3
```

```
rmdata-methods (phyext2methods), 3
show,phylo4d_ext-method(phyext2class),
showSubNodes (phyext2), 2
snbranch (phyext2class), 2
snbranch,list-method(phyext2class),2
snbranch,phylo4d_ext-method
        (phyext2class), 2
sndata(phyext2class), 2
sndata,list-method(phyext2class),2
sndata,phylo4d_ext-method
        (phyext2class), 2
sndata<- (phyext2class), 2</pre>
sndata<-,list-method(phyext2class), 2</pre>
sndata<-,phylo4d_ext-method</pre>
        (phyext2class), 2
snid (phyext2class), 2
snid,list-method(phyext2class),2
snid,phylo4d_ext-method(phyext2class),
        2
snposition (phyext2class), 2
snposition,list-method(phyext2class),2
snposition,phylo4d_ext-method
        (phyext2class), 2
strip (phyext2), 2
tipdate.ci (phyext2), 2
treeHeight (phyext2methods), 3
treeHeight,phylo4-method
        (phyext2methods), 3
treeHeight,phylo4d-method
        (phyext2methods), 3
treeHeight,phylo4d_ext-method
        (phyext2methods), 3
treeHeight-methods (phyext2methods), 3
```

validPhylo4d_ext(phyext2), 2

weight(phyext2class), 2
weight,list-method(phyext2class), 2
weight,phylo4d_ext-method
 (phyext2class), 2
weight<-(phyext2class), 2
weight<-,list-method(phyext2class), 2
weight<-,phylo4d_ext-method
 (phyext2class), 2
write.characters2(phyext2), 2
write.nexus.simmap(phyext2), 2
write.simmap(phyext2), 2</pre>