

API Documentation

API Documentation

May 13, 2018

Contents

Contents	1
1 Module GUI.ModelTree	2
1.1 Variables	2
1.2 Class ModelTree	2
1.2.1 Methods	2
1.2.2 Properties	3
Index	4

1 Module **GUI.ModelTree**

1.1 Variables

Name	Description
<code>__package__</code>	Value: 'GUI'

1.2 Class **ModelTree**



1.2.1 Methods

<code>__init__(self, config_file='mctdh.config', sys_file='CH3g1.txt')</code> <code>x.__init__(...)</code> initializes x; see <code>help(type(x))</code> for signature Overrides: <code>object.__init__</code> <code>exitit</code> (inherited documentation)
<code>getBottomlayer(self)</code> Get the bottom nodes
<code>getPhysCoord(self)</code> get the Modes of the pys. Coordinates
<code>nlayer(self, i)</code> Recursion function that goes from the i-th node up to the top layer of the tree
<code>getLayerMatr(self)</code> Takes all bottom nodes and returns for each a list of the path to the top node
<code>modeToGetLayer(self)</code> Combines <code>layer_matr</code> with <code>mode_list</code>
<code>get_SPFs(self)</code> get the SPFs of each Node

Inherited from object

`__delattr__()`, `__format__()`, `__getattr__()`, `__hash__()`, `__new__()`,
`__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`,

`__str__()`, `__subclasshook__()`

1.2.2 Properties

Name	Description
<i>Inherited from object</i> <code>__class__</code>	

Index

GUI (*package*)

 GUI.ModelTree (*module*), 2–3

 GUI.ModelTree.ModelTree (*class*), 2–3