API Documentation

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1 Module GUI.ModelTree

1.1 Variables

Name	Description
package	Value: 'GUI'

1.2 Class ModelTree



1.2.1 Methods

init(self, config_file='mctdh.config', sys_file='CH3g1.txt')
xinit() initializes x; see help(type(x)) for signature
Overrides: objectinit extit(inherited documentation)

$\mathbf{getBottomlayer}(\mathit{self})$	
Get the bottom nodes	

${\bf getPhysCoord}(\mathit{self})$	
get the Modes of the pys. (Coordinates

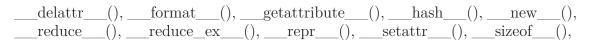
$\mathbf{nlayer}(\mathit{self},\ i)$	
Recursion function that goes from the i-th node up to the top layer of the tree	

```
Takes all bottom nodes and returns for each a list of the path to the top node
```

${\bf modeToGetLayer}(self)$	
Combines layer_matr with mode_list	

$\mathbf{get_SPFs}(\mathit{self})$	
get the SPFs of each Node	

Inherited from object



 $__str__(), __subclasshook__()$

1.2.2 Properties

Name	Description
Inherited from object	
class	

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 $\begin{array}{c} \text{GUI } \textit{(package)} \\ \text{GUI.ModelTree } \textit{(module)}, \text{ 2--3} \\ \text{GUI.ModelTree.ModelTree } \textit{(class)}, \text{ 2--3} \end{array}$