

TreeWalker Class Reference

Public Member Functions

def [__init__](#) (self, [max_arc_depth](#), [max_depth](#), [writable_only](#), [post_order](#))

Static Public Member Functions

def [walk](#) (node, [observers](#), [max_arc_depth](#)=-1, [max_depth](#)=-1, children_start=False, [writable_only](#)=False, [post_order](#)=False)

Performs a depth-first / pre-order walk through the node calling observers callbacks. [More...](#)

Data Fields

[observers](#)

[max_arc_depth](#)

[max_depth](#)

[writable_only](#)

[post_order](#)

Constructor & Destructor Documentation

[?__init__\(\)](#)

```
def __init__ ( self,  
              max_arc_depth,  
              max_depth,  
              writable_only,  
              post_order  
            )
```

Member Function Documentation

[?](#) walk()

```
def walk ( node,  
          observers,  
          max_arc_depth = -1,  
          max_depth = -1,  
          children_start = False, static  
          writable_only = False,  
          post_order = False  
        )
```

Performs a depth-first / pre-order walk through the node calling observers callbacks.

Parameters

node	start traversal from this node
observers	list of observers to be called
max_arc_depth	maximum archive recursion depth, negative is infinite
max_depth	maximum recursion depth, negative is infinite
children_start	start with node's children instead of node itself
writable_only	call observers only on writable nodes
post_order	post-order traversal if True, pre-order traversal if False

Field Documentation

[?](#) max_arc_depth

max_arc_depth

[?](#) max_depth

max_depth

[?](#) observers

observers

? post_order

post_order

? writable_only

writable_only

The documentation for this class was generated from the following file:

- sys/import/packman/packmanlib/[treewalk.py](#)