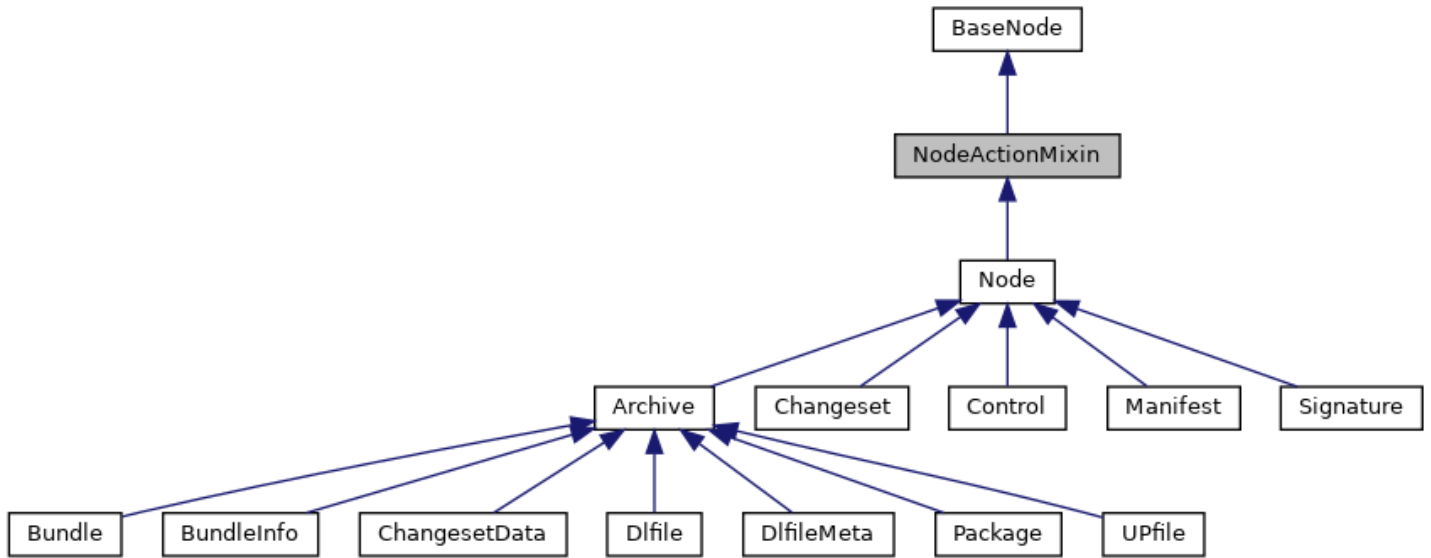


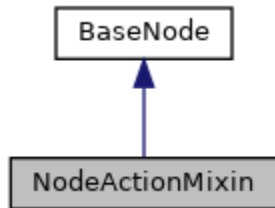
NodeActionMixin Class Reference

Inheritance diagram for NodeActionMixin:



[\[legend\]](#)

Collaboration diagram for NodeActionMixin:



[\[legend\]](#)

Public Member Functions	
def	unlink (self) Remove this node from tree. More...
def	destroy (self) Remove and destroy this node and all its children. More...
def	add_child (self, child_node, index=None) Add a child node. More...
def	create_dir (self, dir_name)

https://verifone.cloud/docs/application-development-kit-version-48/classpackmanlib_1_1nodeaction_1_1_node_action_mixin

Updated: 05-Mar-2025

	Add a child directory If same child name exists, it will be replaced. More...
def	create_file (self, file_name, content=b'')
	Add a child file. More...
def	set_content (self, content)
	Set the content of this file node. More...
def	set_mode (self, mode)
	Set the mode of this file/directory. More...
def	set_user_name (self, name)
	Set the user name of this file/directory. More...
def	set_group_name (self, name)
	Set the group name of this file/directory. More...
def	copy (self)
	Make a deep copy of this node and its content, children and attributes. More...
def	move (self, parent)
	Move this node to another parent. More...
def	rename (self, newname)
	Rename this node and underlying tarinfo name. More...
▶ Public Member Functions inherited from BaseNode	
def	__init__ (self, str name=None, BaseNode parent=None, tarfile.TarInfo tarinfo=None)
str	get_type_str (self)
	Returns node type as string Supported are: "Package", "Bundle", "Difile", "Signature", "Control", "Manifest", "Dir", "File", "Symlink". More...
bool	is_csd (self)
	Test if node is a CSD. More...

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Updated: 05-Mar-2025

bool	is_inf (self)
	Test if node is an INF. More...
bool	is_meta (self)
	Test if node is a META. More...
bool	is_manifest (self)
	Test if node is a manifest. More...
bool	is_changeset (self)
	Test if node is a changeset. More...
bool	is_archive (self)
	Test if node is an archive. More...
bool	is_dlfile (self)
	Test if node is a dlfile. More...
bool	is_upfile (self)
	Test if node is an upfile. More...
bool	is_bundle (self)
	Test if node is a bundle. More...
bool	is_package (self)
	Test if node is a package. More...
bool	is_signature (self)
	Test if node is a signature. More...
bool	is_control (self)
	Test if node is a control. More...
def	mark_modified (self)
def	get_parent_archive (self)
	Retrieve parent archive node. More...

def	get_platform (self)
	Retrieve platform for this node. More...
def	get_root_archive (self)
	Retrieve root archive node Root archive node has no parent archive. More...
int	get_index (self)
	Retrieve index of this node in the list of its parent's children. More...
def	get_signer (self)
int	get_mode (self)
	Retrieve file mode of this node. More...
def	__str__ (self)

Data Fields

	parent
	children
	file_content
	name
	signature_nodes
▶ Data Fields inherited from BaseNode	
	name
	node name (str) More...
	parent
	parent node (BaseNode) More...
	tarinfo
	children of this node in order. More...
	file_content

https://verifone.cloud/docs/application-development-kit-version-48/classpackmanlib_1_1nodeaction_1_1_node_action_mixin

Updated: 05-Mar-2025

	Object representing the content of the file. More...
	signature_nodes
	Nodes holding signature of this node. More...
	additional_signature_nodes
	Nodes holding additional signature of this node. More...

Additional Inherited Members

▶ Static Public Member Functions inherited from [BaseNode](#)

tarfile.TarInfo	create_tarinfo (str tarinfo_name, entry_type)
	Tarinfo creation helper. More...
def	create_node (tarinfo_name, entry_type)

Member Function Documentation

◆ [add_child\(\)](#)

def add_child	(<i>self</i> ,
			<i>child_node</i> ,
			<i>index</i> = <code>None</code>
)		

Add a child node.

If same child name exists, it will be replaced

Parameters

child_node	node to be added
index	index where to insert node, None means append

Returns

added node or None if it could not be added

◆ `copy()`

```
def copy ( self )
```

Make a deep copy of this node and its content, children and attributes.

Returns
copied node

◆ `create_dir()`

```
def create_dir ( self, dir_name )
```

Add a child directory. If same child name exists, it will be replaced.

Parameters

<code>dir_name</code>	name of the directory
-----------------------	-----------------------

Returns
created node

◆ `create_file()`

```
def create_file ( self, file_name, content = b'' )
```

Add a child file.

Parameters

<code>file_name</code>	name of the file
<code>content</code>	content of file

Returns
created node

◆ **destroy()**

def destroy	(<i>self</i>)	
-------------	---	--	-------------	---	--

Remove and destroy this node and all its children.

Returns
removed node

◆ **move()**

def move	(<i>self</i> ,
			<i>parent</i>
)		

Move this node to another parent.

Parameters

parent	new parent node
--------	-----------------

Returns
this node

◆ **rename()**

def rename	(<i>self</i> ,
			<i>newname</i>
)		

Rename this node and underlying tarinfo name.

Parameters

newname	new name for the node
---------	-----------------------

Returns
this renamed node

◆ **set_content()**

def set_content	(<i>self,</i>
			<i>content</i>
)		

Set the content of this file node.

Parameters

content	content of file
---------	-----------------

Returns
this node

◆ **set_group_name()**

def set_group_name	(<i>self,</i>
			<i>name</i>
)		

Set the group name of this file/directory.

Parameters

name	group name
------	------------

Returns
this node

◆ **set_mode()**

def set_mode	(<i>self,</i>
			<i>mode</i>
)		

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Updated: 05-Mar-2025

Set the mode of this file/directory.

Parameters

mode	octal mode value
------	------------------

Returns

this node

◆ **set_user_name()**

def set_user_name	(<i>self</i> ,
			<i>name</i>
)		

Set the user name of this file/directory.

Parameters

name	user name
------	-----------

Returns

this node

◆ **unlink()**

def unlink	(<i>self</i>)	
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Remove this node from tree.

Node and children are not destroyed.

Returns

removed node

Field Documentation

◆ **children**

children

◆ file_content**◆ name****◆ parent****◆ signature_nodes**

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

- packman/packmanlib/[nodeaction.py](#)