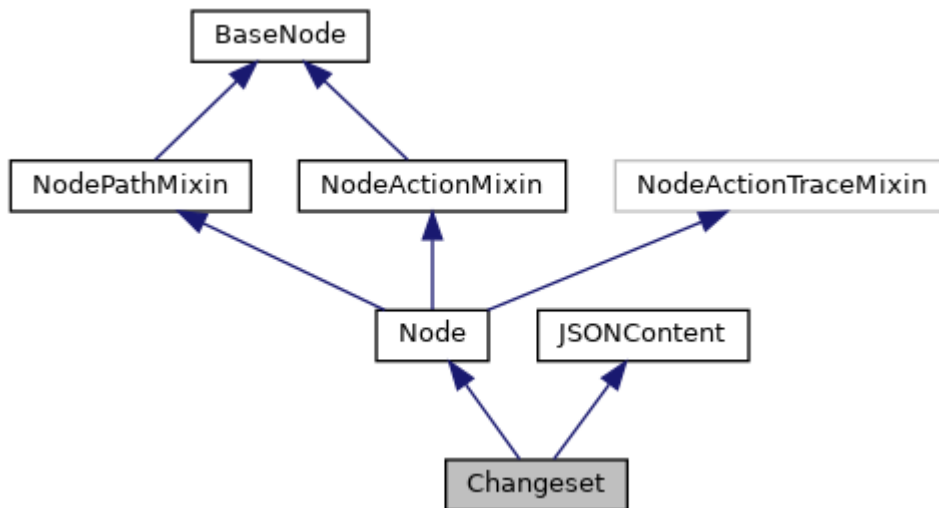


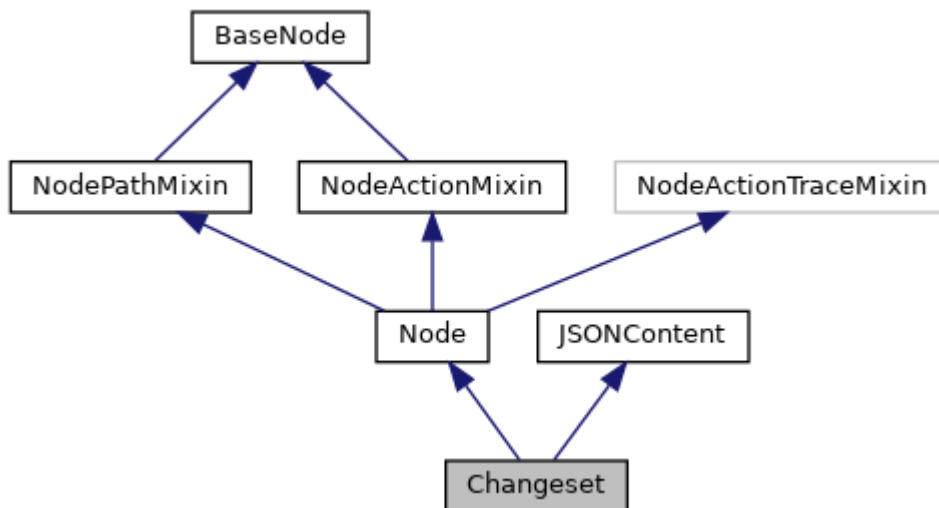
Changeset Class Reference

Inheritance diagram for Changeset:



[\[legend\]](#)

Collaboration diagram for Changeset:



[\[legend\]](#)

Public Member Functions

def [`\_\_init\_\_`](#) (self, [`name`](#)=None, [`parent`](#)=None, [`tarinfo`](#)=None)

def [`update\_with\_defaults`](#) (self)

def [`is\_differential`](#) (self)

► Public Member Functions inherited from [`NodePathMixin`](#)

def [`get\_path\_nodes`](#) (self, [`include\_root`](#)=False, [`within\_archive`](#)=False)

str [`get\_path`](#) (self, [`include\_root`](#)=False, [`within\_archive`](#)=False)

Retrieve path of this node within the archive or withing whole tree of archives Separator '/' is used within archives and for recursion into archives. [More...](#)

int [`get\_depth`](#) (self, [`within\_archive`](#)=False)

Retrieve depth of node within the archive or within whole tree of archives. [More...](#)

def [`find`](#) (self, str [`node\_path`](#))

Find node according to node path provided. [More...](#)

def [`find\_re`](#) (self, str [`node\_path\_re`](#))

Find node according to regular expression node path provided Search will look for regex matching node name match along the path. [More...](#)

bool [`has\_ancestor`](#) (self, [`ancestor`](#))

Find if node has another node as ancestor. [More...](#)

bool [`has\_ancestor\_name`](#) (self, [`ancestor\_name`](#))

Find if node has an ancestor with provided name (or in list of names) [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", "Dlfile", "Signature", "Control", "Manifest", "Dir", "File", "Symlink". [More...](#)

bool [`is\_csd`](#) (self)

Test if node is a CSD. [More...](#)

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\_titus\_manifest`](#) (self)

Test if node is a titus 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_titusdl](#) (self)
 Test if node is a titusdl. [More...](#)

bool [is_titusconfig](#) (self)
 Test if node is a titusconfig. [More...](#)

bool [is_hpsfile](#) (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)

▶ Public Member Functions inherited from [NodeActionMixin](#)

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)
 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 [JSONContent](#)
 def [__init__](#) (self)
 def [set_jsoncontent_from_dict](#) (self)
 def [set_dict_from_jsoncontent](#) (self)
 def [dict](#) (self)

Static Public Member Functions

def [create](#) ()
 ▶ Static Public Member Functions inherited from [Node](#)
 def [create_node](#) ([name](#), entry_type)
 ▶ Static Public Member Functions inherited from [BaseNode](#)
 tarfile.TarInfo [create_tarinfo](#) (str tarinfo_name, entry_type)
 Tarinfo creation helper. [More...](#)

Data Fields

[writable](#)
 ▶ 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](#)

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...](#)

► Data Fields inherited from [NodeActionMixin](#)

[parent](#)

[children](#)

[file_content](#)

[name](#)

[signature_nodes](#)

► Data Fields inherited from [JSONContent](#)

[d](#)

Detailed Description

Represents a changeset file node

Constructor & Destructor Documentation

[?](#) `__init__()`

```
def __init__( self,  
              name = None,  
              parent = None,  
              tarinfo = None  
            )
```

Reimplemented from [Node](#).

Member Function Documentation

[?](#) `create()`

```
def create ( ) static
```

[?](#) **is_differential()**

```
def is_differential ( self )
```

[?](#) **update_with_defaults()**

```
def update_with_defaults ( self )
```

Field Documentation

[?](#) **writable**

writable

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

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