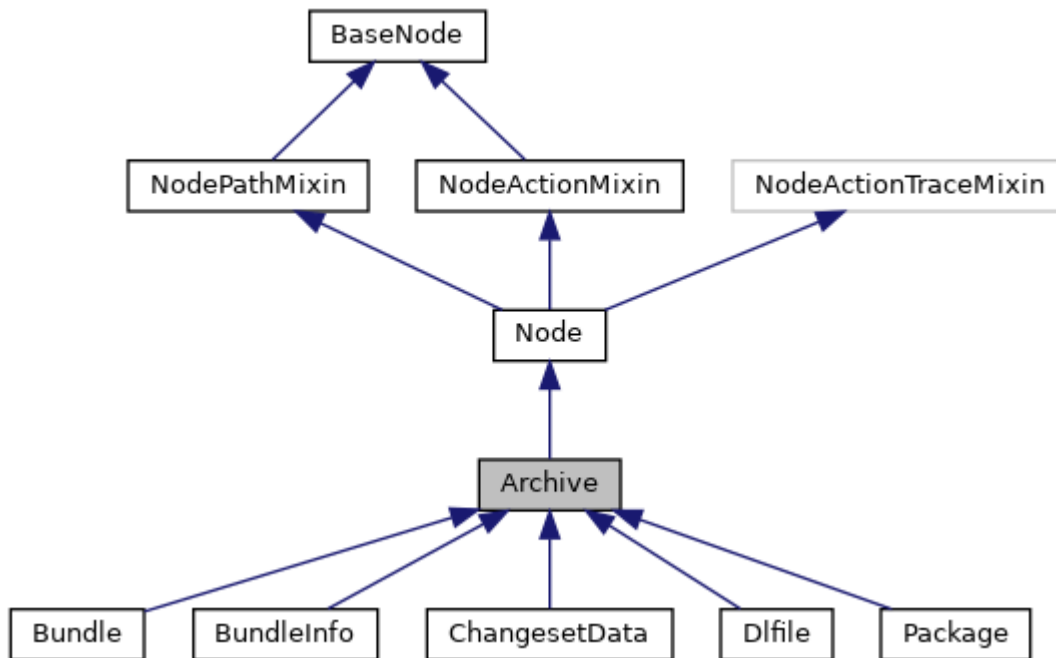


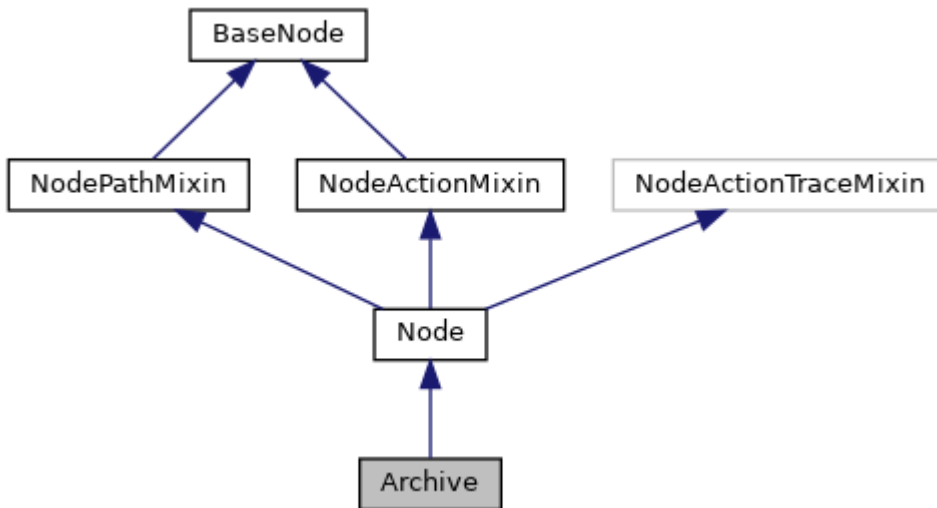
Archive Class Reference

Inheritance diagram for Archive:



[\[legend\]](#)

Collaboration diagram for Archive:



[\[legend\]](#)

Public Member Functions

```
def \_\_init\_\_ (self, platform)
```

```
def control\_node (self)
```

```
def control (self)
```

```
def set\_signer (self, signer_type)
```

► Public Member Functions inherited from [Node](#)

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

► 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...](#)

► Public Member Functions inherited from [BaseNode](#)

```
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_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_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)

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 [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...](#)

Static Public Member Functions

def [setup_archive](#) (archive, full_name)
▶ 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

[platform](#)
[tar](#)
[is_gzip](#)
[pax_headers_found](#)
[signer](#)

▶ Data Fields inherited from [BaseNode](#)

[name](#)
node name (str) [More...](#)

[parent](#)
parent node ([BaseNode](#)) [More...](#)

[children](#)
children of this node in order. [More...](#)

[tarinfo](#)
Tarinfo object containing the type of archive entry, path, user, group, permission, etc. [More...](#)

[file_content](#)
Object representing the content of the file. [More...](#)

[signature_nodes](#)
Nodes holding signature of this node. [More...](#)

► Data Fields inherited from [NodeActionMixin](#)

[parent](#)

[children](#)

[file_content](#)

[name](#)

[signature_nodes](#)

Detailed Description

Represents an archive node
Base class for Dlfile, Bundle and Package

Constructor & Destructor Documentation

[?](#) **__init__**()

```
def __init__ ( self,  
              platform  
              )
```

Reimplemented in [Dlfile](#), [BundleInfo](#), [ChangesetData](#), [Bundle](#), and [Package](#).

Member Function Documentation

[?](#) **control**()

```
def control ( self )
```

[?](#) **control_node**()

```
def control_node ( self )
```

[?](#) **set_signer**()

```
def set_signer ( self,  
                signer_type  
                )
```

[?](#) **setup_archive()**

```
def setup_archive (  archive,  
                    full_name static  
                    )
```

Field Documentation

[?](#) **is_gzip**

is_gzip

[?](#) **pax_headers_found**

pax_headers_found

[?](#) **platform**

platform

[?](#) **signer**

signer

[?](#) **tar**

tar

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

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