Instance Method

outlineView(_:persistentObjectForItem:)

Invoked by `outlineView` to return an archived object for `item`.

macOS

```
@MainActor
optional func outlineView(
    _ outlineView: NSOutlineView,
    persistentObjectForItem item: Any?
) -> Any?
```

Parameters

outlineView
The outline view that sent the message.

item
The item for which to return an archived object.

Return Value

An archived representation of `item`. If the item is an archived object, this method may return the item.

Discussion

When the outline view is saving the expanded items, this method is called for each expanded item, to translate the outline view item to an archived object.

Special Considerations

You must implement this method if you are automatically saving expanded items (that is, if `autosaveExpandedItems` returns `true`).

See Also

Instance Methods

`func outlineView(NSOutlineView, acceptDrop: any NSDraggingInfo, item: Any?, childIndex: Int) -> Bool`

    Returns a Boolean value that indicates whether a drop operation was successful.

`func outlineView(NSOutlineView, child: Int, ofItem: Any?) -> Any`

    Returns the child item at the specified index of a given item.

`func outlineView(NSOutlineView, draggingSession: NSDraggingSession, endedAt: NSPoint, operation: NSDragOperation)`

    Implement this method to know when the given dragging session has ended.

`func outlineView(NSOutlineView, draggingSession: NSDraggingSession, willBeginAt: NSPoint, forItems: [Any])`

    Implement this method know when the given dragging session is about to begin and potentially modify the dragging session.

`func outlineView(NSOutlineView, isItemExpandable: Any) -> Bool`

    Returns a Boolean value that indicates whether the a given item is expandable.

`func outlineView(NSOutlineView, itemForPersistentObject: Any) -> Any?`

    Invoked by `outlineView` to return the item for the archived `object`.

~~`func outlineView(NSOutlineView, namesOfPromisedFilesDroppedAt Destination: URL, forDraggedItems: [Any]) -> [String]`~~

    Returns an array of filenames for the created files that the receiver promises to create.

    `Deprecated`

`func outlineView(NSOutlineView, numberOfChildrenOfItem: Any?) -> Int`

    Returns the number of child items encompassed by a given item.

`func outlineView(NSOutlineView, objectValueFor: NSTableColumn?, byItem: Any?) -> Any?`

Invoked by `outlineView` to return the data object associated with the specified `item`.

func outlineView(NSOutlineView, pasteboardWriterForItem: Any) -> (any NSPasteboardWriting)?

Implement this method to enable the table to be an `NSDraggingSource` that supports dragging multiple items.

func outlineView(NSOutlineView, setObjectValue: Any?, for: NSTableColumn?, byItem: Any?)

Set the data object for a given item in a given column.

func outlineView(NSOutlineView, sortDescriptorsDidChange: [NSSortDescriptor])

Invoked by an outline view to notify the data source that the descriptors changed and the data may need to be resorted.

func outlineView(NSOutlineView, updateDraggingItemsForDrag: any NSDraggingInfo)

Implement this method to enable the table to update dragging items as they are dragged over the view.

func outlineView(NSOutlineView, validateDrop: any NSDraggingInfo, proposedItem: Any?, proposedChildIndex: Int) -> NSDragOperation

Used by an outline view to determine a valid drop target.

~~func outlineView(NSOutlineView, writeItems: [Any], to: NSPasteboard) -> Bool~~

Returns a Boolean value that indicates whether a drag operation is allowed.

Deprecated