INatAutoNodeTypes

This chapter covers the following topics:

- Purpose

- Properties

- Methods

Purpose

Collection of all node types used in tree views and list views.

Properties

The following properties are available:

- Parent

- Studio

Parent

Used to navigate to the parent interface of this interface.

Natural Data Format	Variant Type	Remark
HANDLE OF OBJECT	VT_DISPATCH (INatAutoTypes)	Get only

Studio

Used to navigate to the root interface.

Natural Data Format	Variant Type	Remark
HANDLE OF OBJECT	VT_DISPATCH (INatAutoStudio)	Get only

Methods

The following method is available:

- Add

Add

Creates a new node type and adds it to the collection.

Parameters

Name	Natural Data Format	Variant Type	Remark
Return value	HANDLE OF OBJECT	VT_DISPATCH (INatAutoNodeType)	
Type	I4	VT_I4	
Caption	A	VT_BSTR	Optional
ContextMenu	HANDLE OF OBJECT	VT_DISPATCH (INatAutoContextMenu)	Optional
ImageIDDefault	I4	VT_I4	Optional
ImageIDOpen	I4	VT_I4	Optional

Return value

The newly created node type.

Type

An integer number that identifies the new node type. An arbitrary positive integer value starting with 20000 can be chosen. Values below 20000 are reserved for predefined node types.

Caption

A name for the node type for the use in tree view and list view captions.

ContextMenu

A context menu that shall be displayed when the right mouse button is pressed on a node of this type.

ImageIDDefault

An index to the small (16x16) and large (32x32) version of the default bitmap representation of nodes of this type. If the plug-in has registered node bitmaps with the method `INatAutoNodeImages::AddImage`, it has received an index that can be used here. If the parameter is not specified, the nodes of this type are represented as closed folders.

ImageIDOpen

An index to the bitmap that represents an expanded node of this type in a tree view. If the plug-in has registered node bitmaps with the method `INatAutoNodeImages::AddImage`, it has received an index that can be used here. If the parameter is not specified, expanded nodes of this type are represented as open folders.