

INatAutoApplications

This chapter covers the following topics:

- Purpose
 - Properties
 - Methods
-

Purpose

Collection of applications available on the current application server. Applications and the application server are only available with Natural Single Point of Development. See also *Remote Development Using SPoD*.

Properties

The following properties are available:

- Parent
- Studio
- Count
- ActiveApplication
- AppServerEnvironment

Parent

Used to navigate to the parent interface of this interface.

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

Studio

Used to navigate to the root interface.

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

Count

The number of applications in the collection.

Natural Data Format	Variant Type	Remark
I4	VT_I4	Get only

ActiveApplication

Returns the currently active application. Returns NULL-HANDLE if no application is active.

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

AppServerEnvironment

Returns the application server environment.

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

Methods

The following methods are available:

- Item
- Add

Item

Returns a specific application from the collection.

Parameters

Name	Natural Data Format	Variant Type	Remark
Return value	HANDLE OF OBJECT	VT_DISPATCH (INatAutoApplication)	
Index	I4 A	VT_I4 VT_BSTR	

Return value

The application identified by the value specified in Index.

Index

Identifies a specific application in the collection. This can be either the index of the application in the collection (a value between 1 and Count) or the name of the application.

Add

Creates a new application, adds it to the collection, maps it, connects it and activates it. Returns the application.

Parameters

Name	Natural Data Format	Variant Type	Remark
Return value	HANDLE OF OBJECT	VT_DISPATCH (INatAutoApplication)	Optional
Name	A	VT_BSTR	
BaseApplication	L	VT_BOOL	Optional
Host	A	VT_BSTR	Optional
Port	I4	VT_I4	Optional
MainframeApplication	L	VT_BOOL	Optional
Profile	A	VT_BSTR	Optional
ProfileDBnr	I4	VT_I4	Optional
ProfileFnr	I4	VT_I4	Optional
ProfilePassword	A	VT_BSTR	Optional
Quiet	L	VT_BOOL	Optional
IgnoreWarnings	L	VT_BOOL	Optional

Return value

The newly added application.

Name

The name of the application.

BaseApplication

If set to TRUE, a base application is created. Otherwise a compound application is created. Creating a base application requires at least the specification of Host and Port.

Host

The host name of the development server. Must be specified for base applications.

Port

The port number of the development server. Must be specified for base applications.

MainframeApplication

If set to TRUE, a mainframe application is created.

Profile

The profile under which the development server is running.

ProfileDBnr

The profile database number of the development server.

ProfileFnr

The profile file number of the development server.

ProfilePassword

The profile password of the development server.

Quiet

If set to FALSE or not specified, the **Map Application** dialog is shown and is preset with the given parameters.

If set to TRUE, the **Map Application** dialog is not shown.

IgnoreWarnings

If set to FALSE or not specified, warnings that occur during mapping are treated like errors.

If set to TRUE, warnings are ignored.