

MDI Plug-in Window

This chapter covers the following topics:

- Description
- Events

Description

An MDI (Multiple Document Interface) plug-in window is very similar to an MDI Child Window. However, instead of being opened as a child of an MDI frame window created in Natural, it is used to create a dialog to appear as an MDI child window within Natural Studio itself. Note, however, that the creation of such a plug-in window is a two-step process. Firstly, the dialog is created as usual, with the PARENT attribute set to NULL-HANDLE. At this point in time, the dialog is always invisible. Secondly, the plug-in code creates an instance of the generic document wrapper class, specifying the dialog's ID as parameter, causing a new MDI child window to be opened containing the specified dialog.

Note:

Because plug-ins should harmonize with the existing Natural Studio environment, accelerator key combinations used by Natural Studio (e.g., CTRL+N to open a new program editor window) are processed by Natural Studio and are not forwarded to the plug-in. Therefore, you cannot use the ACCELERATOR attribute of any dialog elements created in the plug-in to redefine the behavior of these reserved key combinations.

Attribute Name	Query	Set/Modify	In Attr. Window
AUTO-ADJUST	X	-/X	X
BACKGROUND-COLOUR-NAME	X	X/X	X
BACKGROUND-COLOUR-VALUE	X	X/X	X
BITMAP-FILE-NAME	X	X/-	X
CLIENT-DATA	X	X/-	
CLIENT-HANDLE	X	X/X	
CLIENT-KEY	X	X/X	
CLIENT-VALUE	X	X/X	
COMPATIBILITY	X	X/-	X
CONTEXT-MENU	X	X/X	X
DEFAULT-BUTTON	X	X/X	X
DPI	X	X/-	
DROP-MODE	X	X/X	X
ENABLED	X	X/X	X
EVENT-QUEUEING	X	X/X	X

Attribute Name	Query	Set/Modify	In Attr. Window
FIRST-CHILD	X	-/-	
FOLLOWS	X	-/-	
FONT-HANDLE	X	-/-	
FONT-STRING	X	X/-	X
HAS-TOOLTIP	X	X/X	
HELP-FILENAME	X	X/X	X
HELP-ID	X	X/X	X
HORIZ-SCROLLABLE	X	X/X	X
LAST-CHILD	X	-/-	
MAXIMIZED	X	-/-	
MINIMIZED	X	-/-	
MODIFIED	X	X/X	
MODIFIED-SUCCESSOR	X	-/-	
NAME	X	-/-	
PARENT	X	X/-	
POPUP-HELP	X	X/X	X
PREDECESSOR	X	-/-	
RECTANGLE-H	X	X/-	X
RECTANGLE-W	X	X/-	X
RECTANGLE-X	X	X/-	X
RECTANGLE-Y	X	X/-	X
SCROLLRANGE-X	X	X/X	
SCROLLRANGE-Y	X	X/X	
STRING	X	X/-	X
STYLE	X	X/-	X
SUCCESSOR	X	-/-	
SUPPRESS-CLIENT-SIZE-EVENT	X	X/X	
SUPPRESS-DRAG-DROP-EVENT	X	X/X	
SUPPRESS-DRAG-ENTER-EVENT	X	X/X	
SUPPRESS-DRAG-LEAVE-EVENT	X	X/X	
SUPPRESS-DRAG-OVER-EVENT	X	X/X	
SUPPRESS-ENTER-EVENT	X	X/X	
SUPPRESS-LEAVE-EVENT	X	X/X	

Attribute Name	Query	Set/Modify	In Attr. Window
TYPE	X	X/-	X
VERSION	X	-/-	
VERT-SCROLLABLE	X	X/X	X
WALLPAPER	X	X/X	X

Events

After-Any Event, After Open Event, Before-Any Event, Before Open Event, Client-Size Event (may be suppressed), Close Event, Drag-Drop Event (may be suppressed), Drag-Enter Event (may be suppressed), Drag-Leave Event (may be suppressed), Drag-Over Event (may be suppressed), Enter Event (may be suppressed), Error Event, Leave Event (may be suppressed).