

# AddCtrls

Adds OI controls to panel.

## Syntax

```
rv = Send_Message(Ctrl, "OLE.AddCtrls", CtrlArray)
```

## Parameters

Parameter	Description
CtrlArray	A dynamic array of OI controls to place into the panel

## Remarks

The AddCtrls method adds one or more preexisting OI controls to the panel. Typically, these are controls that already exist on the same form as the SRP Panel control. If successfully added, the controls are moved from the OI form into the panel.

The only parameter is a dynamic array of controls to be added. Each field (@FM delimited) must include the following values:

Pos	Name	Type	Description
<1, 1>	Handle	Integer	The windows handle to the control to add, returned from its HANDLE property
<1, 2>	X	Integer	The control's x position in the panel
<1, 3>	Y	Integer	The control's y position in the panel
<1, 4>	Width	Integer	The control's width in the panel
<1, 5>	Height	Integer	The control's height in the panel
<1, 6>	Color	Color	The control's text color
<1, 7>	Background	Color	The control's background color

The first value for each field is the windows handle (HWND) to the control, is you can get by getting the control's HANDLE property.

The remaining values are equivalent to the control's ORIG\_SIZE property. In fact, you can pass the ORIG\_SIZE property as is if you want your controls to reside inside the SRP Panel Control in the same place it was added to the form.

You can supply negative values for X, Y, Width, or Height to indicate auto sizing. When negative, the value indicates it's distance from the left or bottom of the panel. This chart explains the effects:

Value	Description
X	When negative, the left edge of the control is placed that many pixels from the right edge. For example, -500 places the left edge of the control 500 pixels from the right edge of the panel. This is equivalent to selecting Right Anchor in Form Designer.
Y	When negative, the top edge of the control is placed that many pixels from the bottom edge. For example, -1000 places the top edge of the control 1000 pixels from the bottom edge of the panel. This is equivalent to selecting Bottom Anchor in Form Designer.
Width	When negative, the right edge of the control is placed that many pixels from the right edge. For example, -10 places the right edge of the control 10 pixels from the right edge of the panel. This is equivalent to selecting Autosize Width in Form Designer.
Height	When negative, the bottom edge of the control is placed that many pixels from the bottom edge. For example, -20 places the bottom edge of the control 20 pixels from the bottom edge of the panel. This is equivalent to selecting Autosize Height in Form Designer.

## Color

Don't use the Form Designer to set the control's colors if you plan to put it into a Panel control. It won't stick. There are technical reasons for this, but the easiest work around is to pass the desired foreground and background colors into this method.

## Example

```
CtrlArray = ""

// Add the label, placing it in the same place it was added to the form
hWnd = Get_Property(@Window:".LABEL", "HANDLE")
OrigSize = Get_Property(@Window:".LABEL", "ORIG_SIZE")
Convert @FM to @VM in OrigSize
CtrlArray<-1> = hWnd:@VM:OrigSize

// Add the editline, placing it in the same place it was added to the form
hWnd = Get_Property(@Window:".EDITLINE", "HANDLE")
OrigSize = Get_Property(@Window:".EDITLINE", "ORIG_SIZE")
Convert @FM to @VM in OrigSize
CtrlArray<-1> = hWnd:@VM:OrigSize

// Add the controls
Send_Message(@Window:".OLE_PANEL", "OLE.AddCtrls", CtrlArray)
```

## See Also

[SetForm](#)