



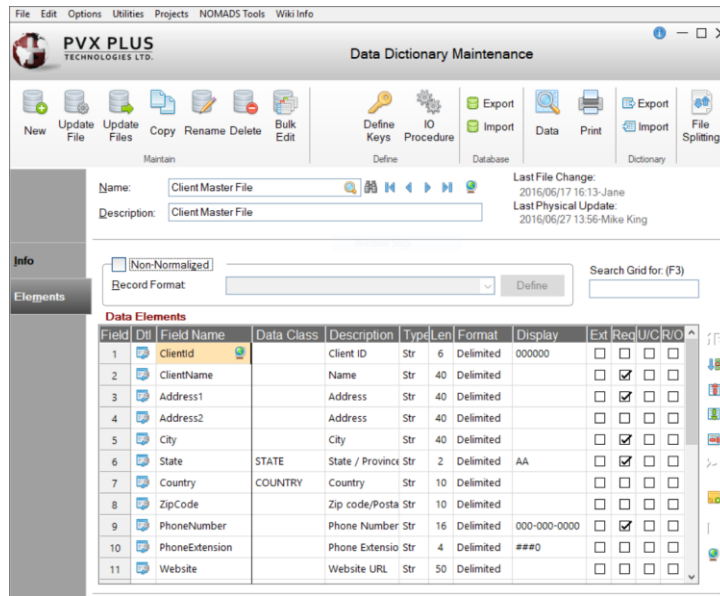
APPLICATION LOOK & FEEL

DireXions 2024

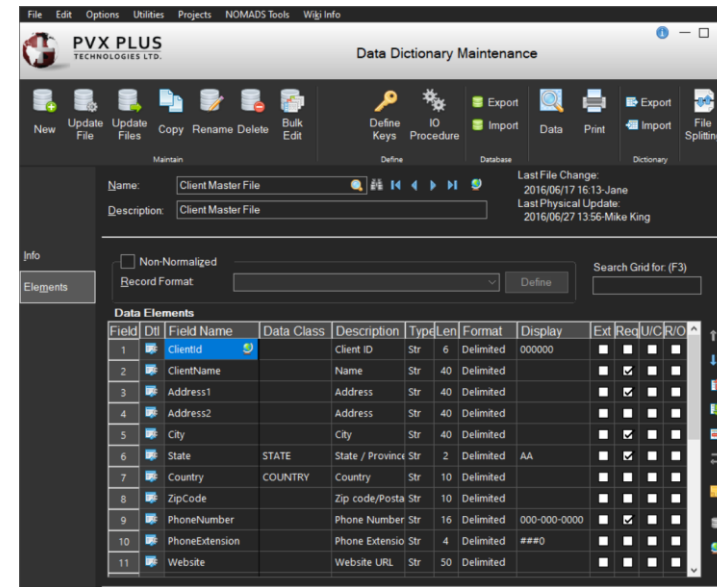
INTRODUCTION

One of the concerns of our clients is that they want their applications to look 'more modern'.

Before



After



INTRODUCTION

In this presentation we will look at several ways that you can control various aspects of the *Look & Feel* of your application.

Some are old...

Some are new...

And some you maybe didn't know about...

AGENDA

1. 'Option' Mnemonic
2. Control Object Properties
3. %NOMADS Properties
4. Themes and Visual Classes
5. Copy Theme





'OPTION' MNEMONIC



'OPTION' MNEMONIC

- 'OPTION' (keyword\$, value[\$])
 - Allows you to apply **system-wide** settings on-the-fly
 - Many color and visual settings are available
 - Can be used in NOMADS and non-NOMADS applications

• E.g.

```
PRINT 'OPTION'("StdRowHighlight1","Light Gray"),  
PRINT 'OPTION'("StdRowHighlight2","RGB: 200 200 200"),
```

one
two
three
four
five
six

'OPTION' MNEMONIC

- Color-related 'OPTION' settings ...

BtnFaceClr

BtnFocusHilight

BtnFrameClr

BtnHoverHilight

CbxMarkClr

ClrHighlight

ClrHighlightText

ClrPlusZ_SB_Back

ClrPlusZ_SF_Back

ClrPlusZ_text

ClrToolbar

ClrDisabledBack

ClrDisabledText

CtlFrameClr

DrpBtnBackClr

DrpBtnDisableBackClr

DrpBtnHoverBackClr

DrpBtnHoverTickClr

DrpBtnTickClr

'OPTION' MNEMONIC

- More Color-related 'OPTION' settings:

FrameDarkClr

FrameLiteClr

FrameTextClr

LockOverDisable

RbtMarkClr

StdFocusBackClr

StdFocusTextClr

StdGridLineClr

StdLvueLineClr

StdVueHotlinkClr

StdVueHoverClr

StdVueLineClr

StdRowHilight1

StdRowHilight2

TipColor

BtnDown....

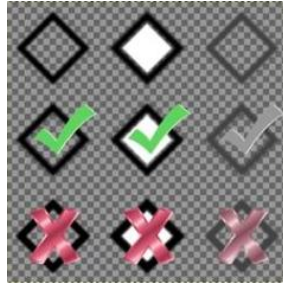
BtnNorm...

'OPTION' MNEMONIC

- Visual-related 'OPTION' settings:

Check Boxes:

- CbxImage
- CbxMarkSize



Radio Buttons:

- RbtImage
- RbtSize



Panels:

- Transparency
- Frame (None, caption, thick, thin)

Misc:

- StdGridQueryImage
- StdGridHideButtons
- GrayDisabledBmp



'OPTION' MNEMONIC

- SETDEV (channel) SET option\$ TO value[\$]
 - Does the same thing as setting the 'OPTION' mnemonic
 - Same color and visual settings used by 'OPTION' are available using channel set to 0
 - Can be used in NOMADS and non-NOMADS applications
- E.g.
 - SETDEV(0) SET "StdRowHilight1" TO "Light Gray"
 - SETDEV(0) SET "StdRowHilight2" TO "RGB: 200 200 200"

one
two
three
four
five
six

'OPTION' MNEMONIC EXAMPLE

No 'OPTION' set

multiple control types

multi-line

horse

Name	Address	City
John Doe	123 Smith Street	Mytown
Justin Case	44 Main Street	Yourtown
Mary Contry	72 Pine Road	Hertown
Jane Smith	15 West Avenue	Somewhere
Tony McDonald	77 Sunset Strip	Anywhere
Parker Here	66 Blue Rodeo Dr...	Nowhere
Mary Contry	88 Park Place	Wherever

Button

Check box 1

Check box 2

radio button 1

radio button 2

Exit

Setting the 'OPTION' Mnemonic

multiple control types

multi-line

horse

Name	Address	City
John Doe	123 Smith Street	Mytown
Justin Case	44 Main Street	Yourtown
Mary Contry	72 Pine Road	Hertown
Jane Smith	15 West Avenue	Somewhere
Tony McDonald	77 Sunset Strip	Anywhere
Parker Here	66 Blue Rodeo Dr...	Nowhere
Mary Contry	88 Park Place	Wherever

Button

Check box 1

Check box 2

radio button 1

radio button 2

```
PRINT 'OPTION'("CtlFrameClr", "light red"),
PRINT 'OPTION'("BtnFaceClr", "RGB:200 255 200"), ! mint green
PRINT 'OPTION'("BtnFrameClr", "#228B22"), ! Forest green
PRINT 'OPTION'("CbxMarkClr", "Light Red"),
PRINT 'OPTION'("RbtMarkClr", "RGB:0 128 200"), ! medium blue
PRINT 'OPTION'("ClrHighlight", "Light Yellow"),
PRINT 'OPTION'("ClrHighlightText", "Black"),
PRINT 'OPTION'("StdRowHilight1", "light gray"),
PRINT 'OPTION'("StdRowHilight2", "RGB:180 180 180"), ! medium gray
```

Exit



CONTROL OBJECT PROPERTIES



CONTROL OBJECT PROPERTIES

- Control Object Properties

- Can set graphical properties that affect the appearance of *individual* control objects, including:

- Buttons
- Charts
- Check Boxes
- Drop Boxes
- Grids
- List Boxes
- Multi-lines
- Radio Buttons
- Scroll Bars
- Tree Views

- A multitude of color and visual settings are available
- Can be used in NOMADS and non-NOMADS applications

CONTROL OBJECT PROPERTIES

- Setting Control Object Properties
 - Various properties of graphical control objects in PxPlus (i.e. Button, Drop Box, Scrollbar, etc.) can be referenced and modified **dynamically** using a control's assigned CTL value (*ctl_id*) followed by the apostrophe operator and one of the associated **property names**
 - E.g.
 - MyDropBox.ctl'FrameColor\$="Light Green"
 - ExitButton.ctl'GrayDisabledBmp=1
 - Setting control object properties overrides 'OPTION' settings

CONTROL OBJECT PROPERTIES

- A small sample of available [control object properties](#):
- Also listed by graphical control types in the *Language Reference* manual

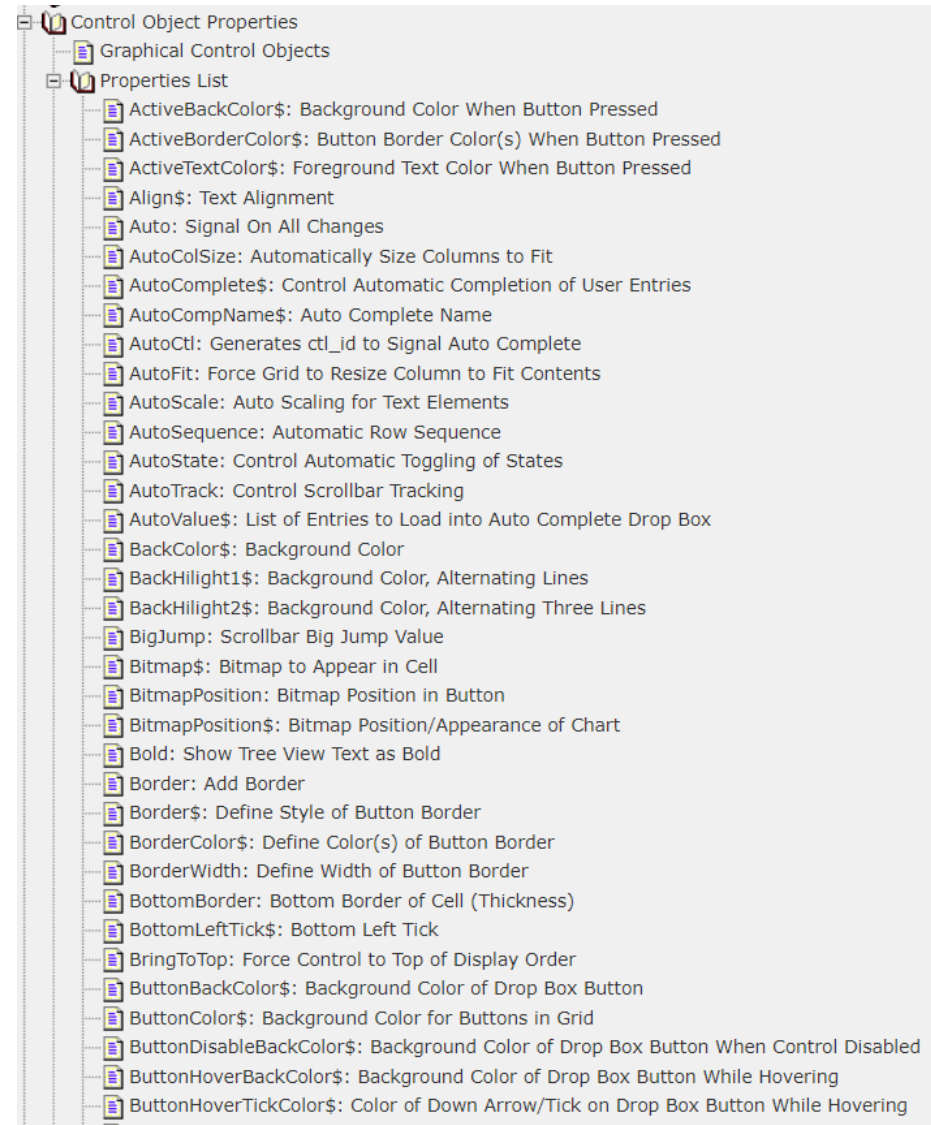
Control Object Properties

Various properties of graphical control objects in PxPlus (i.e. Button, Drop Box, Scrollbar, etc.) can be referenced and modified **dynamically** using a control's assigned CTL value (*ctl_id*) followed by the apostrophe operator and one of the associated **property names**.

For each graphical control object, a list of properties and their descriptions is included with the Help for the associated control directive. For example, a list of *Button Properties* is available by expanding the Help node for the **BUTTON** directive. For a list of *Chart Properties*, expand the Help node for the **CHART** directive, and so on. See [Graphical Control Objects](#).

For quick access to the properties for a **specific** control type, use the links below:

Button	Grid	Radio_Button	Tree_View
Chart	List_Box	Report_View	Tristate_Box
Check_Box	List_View	Scrollbar (Horizontal)	Vardrop_Box
Drop_Box	Multi_Line	Scrollbar (Vertical)	Varlist_Box



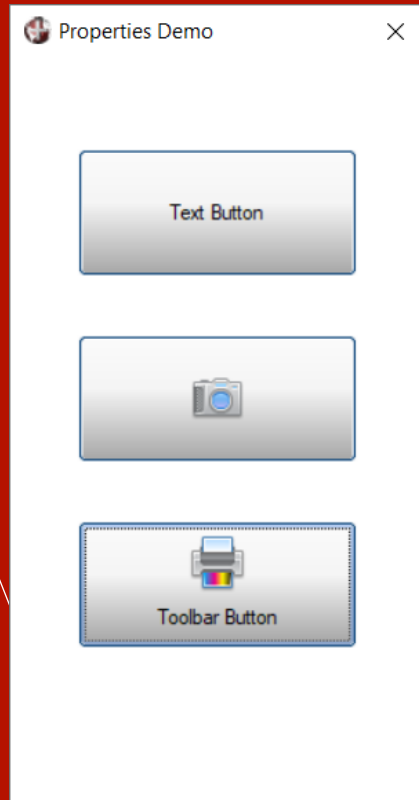
CONTROL OBJECT PROPERTIES

NOMADS:

- Control definitions support limited visual properties, such as foreground and background colors
 - No Themes or Visual Classes:
 - Must set additional properties programmatically
 - Using Themes and/or Visual Classes:
 - Most visual properties are available in *Themes* and *Visual Classes* and get set automatically

CONTROL OBJECT PROPERTIES EXAMPLE

Create a Non-Nomads Panel with 3 buttons with default settings



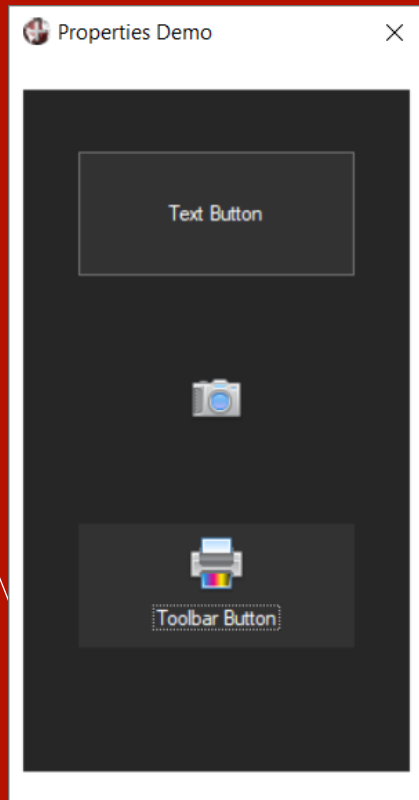
Field	Value
Panelname\$	propdemo
Ctlsequence\$	000
Ctlname\$	
Ctlcolumn	0
Ctlline	0
Ctlwidth	30
Ctlheight	24
Ctltype\$	PNL
Ctltext\$	Properties Demo
Ctlattr\$	

Field	Value
Panelname\$	propdemo
Ctlsequence\$	001
Ctlname\$	TextButton
Ctlcolumn	4
Ctlline	2
Ctlwidth	20
Ctlheight	4
Ctltype\$	BTNTXT
Ctltext\$	Text Button
Ctlattr\$	<

```
! Do_props - Display a panel using settings from the visual class file
!
PRINT '4D', ! necessary for all visual properties to work
!
OPEN (HFN,IOL=*)"paneldef";
p_fn=LFO ! file with panel definitions
!
! Set default foreground/background colors
MSGBOX "Do you wish to change the color?","Use Properties","YESNO",yesno$
IF yesno$="NO" \
  THEN bg$="white",fg$="black";
  vc_fn=0 \
  ELSE bg$="RGB:38 38 38",fg$="white";
  OPEN (HFN,IOL=*)"providex.ccl";
  vc_fn=LFO ! Get property settings from the pxplus visual class file|
!
! Read the "paneldef" file to get the panel and control data
panel$="PROPDemo",Panel_k$=PAD(UCS(panel$),15,$00$)
sequence=0,ctlid=100
WHILE 1
  READ (p_fn,KEY=panel$:STR(sequence:"000"),ERR=*BREAK)
  IF MID(KEC(p_fn),1,15)<>Panel_k$ \
    THEN BREAK
  SWITCH ctlType$(1,3)
  CASE "PNL"
  GOSUB Draw_Dialogue
  BREAK
  CASE "BTN"
  GOSUB Draw_Button
  BREAK
  DEFAULT
  END SWITCH
  sequence++
WEND
!
IF p_fn \
  THEN CLOSE (p_fn,ERR=*NEXT);
  p_fn=0
IF vc_fn \
  THEN CLOSE (vc_fn,ERR=*NEXT);
  vc_fn=0
!
! polling loop to exit
WHILE 1
  OBTAIN (0,SIZ=1)'ME',*,'MN',
  IF CTL=4 OR CTL=-1999 \
    THEN BREAK
WEND
!
END
```

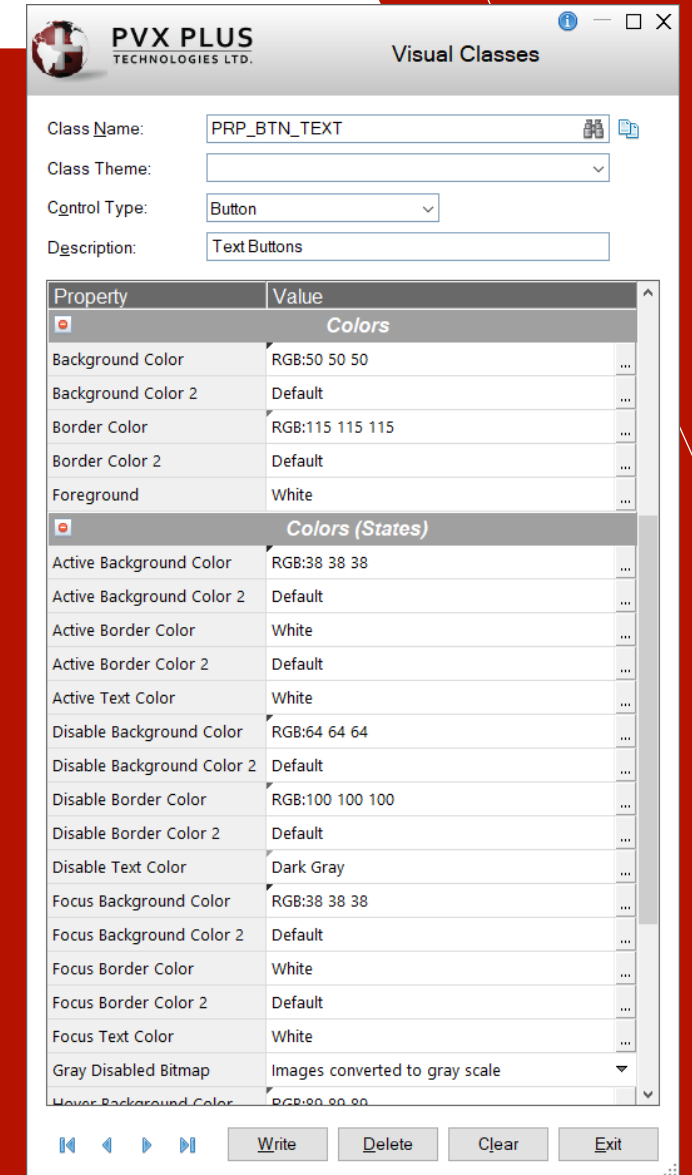
CONTROL OBJECT PROPERTIES EXAMPLE

Use control properties to create a different look

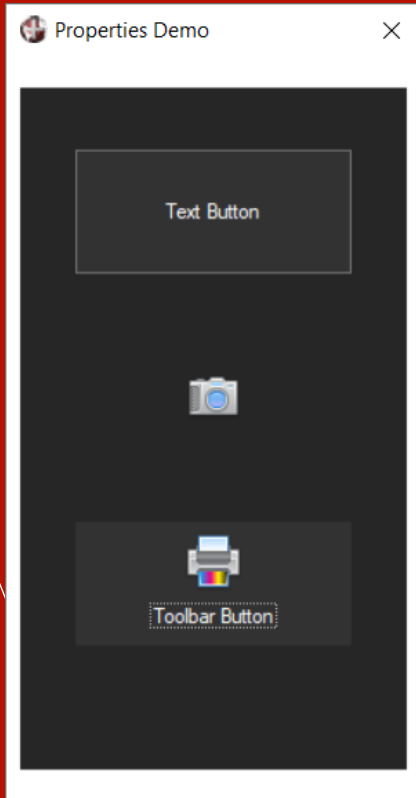


Field	Value
Class_Name\$	PRP_BTN_TEXT
Class_Type\$	Button
Class_Theme\$	
Class_Desc\$	Text Buttons
Class_Font\$	
Class_Textcolor\$	White
Class_Backcolor\$	RGB:50 50 50
Class_Attributes\$	
Class_Disp_Props\$	
Class_Obj_Props\$	GrayDisabledBmp=1(01)Border\$=Solid(01)BorderWidth\$=1(01)ActiveBackColor\$=RGB:38

This example uses the **Visual Class Maintenance** utility to set the properties to be applied



CONTROL OBJECT PROPERTIES EXAMPLE



```
Draw_Dialogue:
! Draw the dialogue with the default foreground (text) and background colors
PRINT 'DIALOGUE'(CtlColumn,CtlLine,CtlWidth,CtlHeight,CtlText$), 'COLOUR'(fg$), '_COLOUR'(bg$), 'DF', 'GF', 'CS',
RETURN
!
Draw_Button:
ctlid++
IF vc_fn \
THEN \
{
vtype$="Button", theme$=""
!
! Various type of buttons use a specific visual class definition
SWITCH MID(ctlType$,4)
CASE "TXT"
vclass$="PRP_BTN_TEXT"
BREAK
CASE "BMP"
vclass$="PRP_BTN_BMP"
BREAK
CASE "TBR"
vclass$="PRP_BTN_TOOLBAR"
BREAK
DEFAULT
vclass$=""
END SWITCH
!
! Retrieve display information from the visual class file
READ DATA FROM "" TO IOL=IOL(vc_fn)
READ (vc_fn,KEY=vclass$:vtype$:theme$,ERR=Create_Button)
WHILE Class_Attributes$>""
_X$=Class_Attributes$(1,1),Class_Attributes$=MID(Class_Attributes$,2)
CtlAttr$=STP(CtlAttr$,3,_X$);
CtlAttr$+=_X$
WEND
}
!
! Create the button and assign properties
Create_Button:
BUTTON ctlid,@(CtlColumn,CtlLine,CtlWidth,CtlHeight)=CtlText$,OPT=CtlAttr$
!
IF vc_fn \
THEN \
{
ctlid'textcolor$=TBL(Class_Textcolor$="" OR UCS(Class_Textcolor$)="DEFAULT",Class_Textcolor$,fg$)
ctlid'backcolor$=TBL(Class_Backcolor$="" OR UCS(Class_Backcolor$)="DEFAULT",Class_Backcolor$,bg$)
IF Class_Obj_Props$<>"" \
THEN GOSUB Set_Properties
}
RETURN
```

Determine the button class from the button type

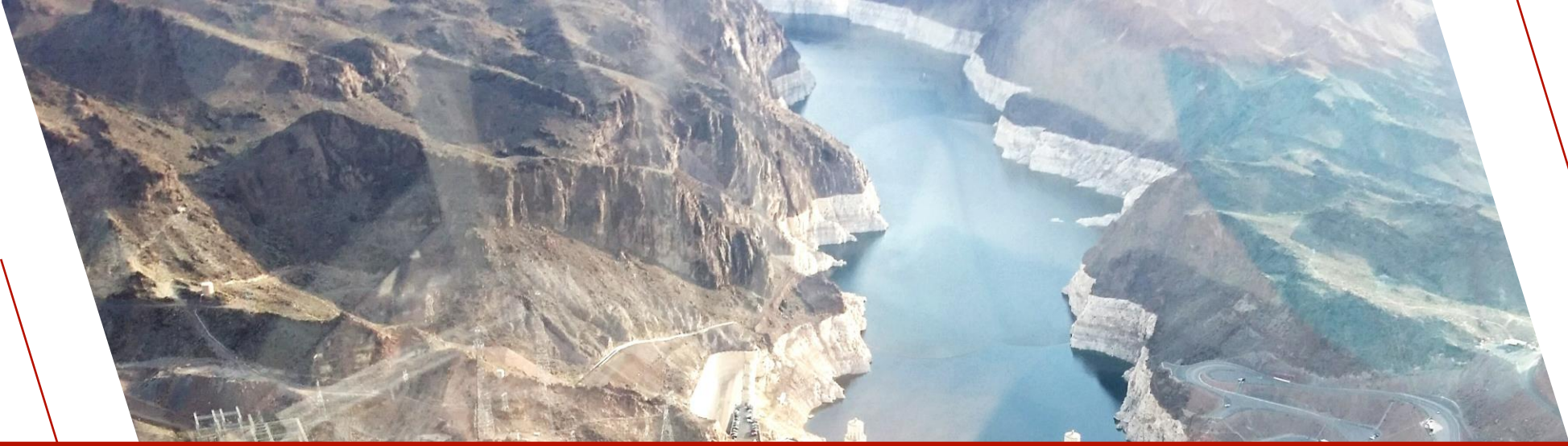
Get the class info

Set text and background colors

Logic to loop and set the other properties (e.g. GrayDisabledBmp = 1{01}Border\$=Solid{01}BorderWidth\$=1{01}ActiveBackColor\$=RGB:38 38 38{01}...)

```
Set_Properties:
FOR prop$ FROM Class_Obj_Props$
p=POS("="=prop$);
IF p=0 \
THEN CONTINUE
propvar$=prop$(1,p-1),propvalue$=prop$(p+1)
IF propvar$="" OR propvalue$="" \
THEN CONTINUE
IF MID(propvalue$,1,1)="" \
THEN propvalue$=EVS(propvalue$(2),ERR=*NEXT)
IF POS("$"=propvar$) \
THEN assignment$="CtlId'" + propvar$ + "=" + QUO + propvalue$ + QUO \
ELSE assignment$="CtlId'" + propvar$ + "=" + STR(NUM(propvalue$,ERR=*NEXT))
EXECUTE assignment$,ERR=*NEXT
NEXT
RETURN
```

Warning: Some controls (like list boxes) require special logic to set the properties selectively, as not all specified properties are applicable to all types of the control.



%NOMADS PROPERTIES



%NOMADS PROPERTIES

- %NOMADS Properties

- *obj/nomads class created to hold NOMADS and iNomads-based parameters or settings
 - Instantiated using the global %NOMADS variable when NOMADS or iNomads is invoked
 - Global variables prefixed with %NOMAD_ or %NOMADS_ are still supported
 - Many color and visual settings available

- E.g.

`%NOMADS'Actv_Folder_Colors$="3,Light Green,Light Yellow"`

`%NOMADS'Menu_TextBackground_Clr$="RGB:255 182 225"`

%NOMADS PROPERTIES

- **Color and visual-related properties:**

Actv_Folder_Colors\$

Actv_Folder_TextClr\$

Chart_Colors\$

Disable_Folder_Colors\$

Disable_Folder_TextClr\$

Drop_Qry_Color\$

Frame_Width

Hover_Folder_Colors\$

Hover_Folder_TextClr\$

Menu_Leftedge_Clr\$

Menu_Text_Clr\$

Menu_TextBackground_Clr\$

Menu_Top_Option\$

Qry_Attr\$

Qry_Btn\$

Query_Fave_Color\$

Tab_Folder_Colors\$

Tab_Folder_TextClr\$

Theme\$

ThemeOverride\$

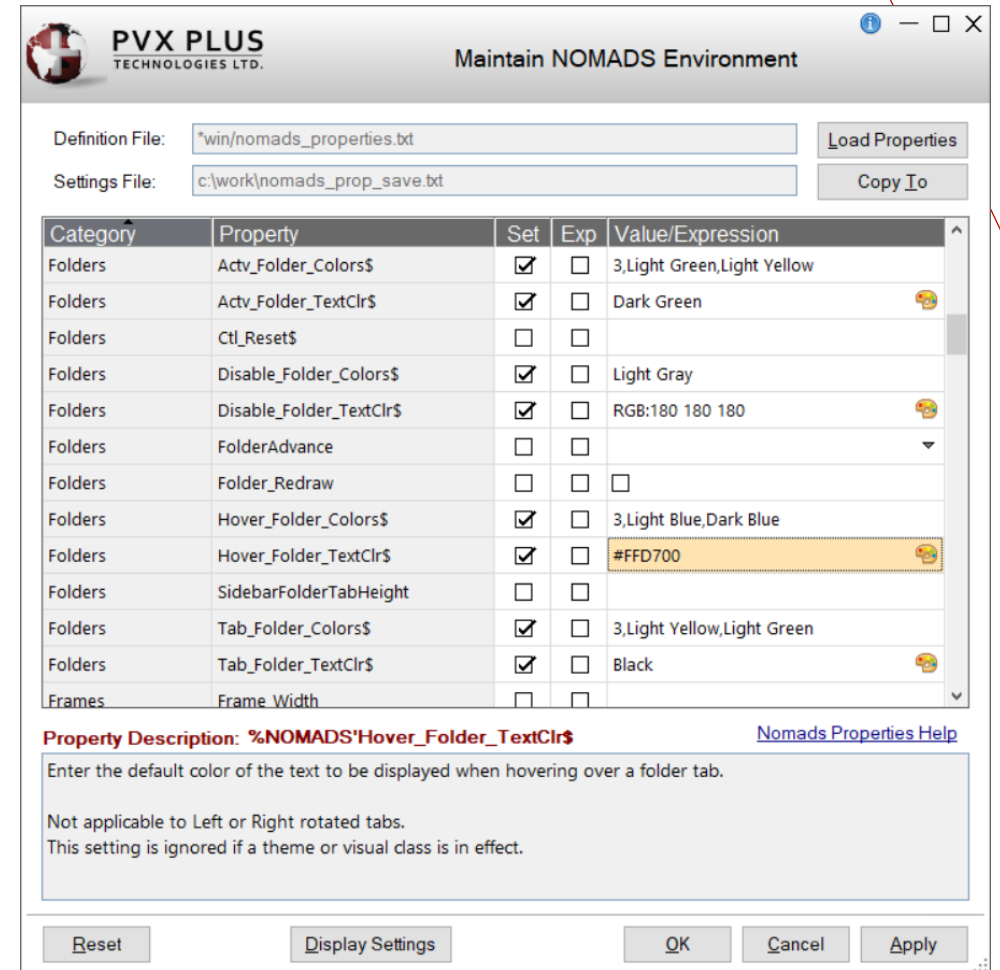
Visual_Effect

Visual_Override

- **Color settings set the DEFAULT colors for folders and menus**

%NOMADS PROPERTIES

- Setting %NOMADS Properties
 - START UP program:
 - Set %NOMADS_xxxx global variables
 - Create the %NOMADS object and set properties
 - Use Maintain Nomads Environment utility to set preferences



The image features a low-angle shot of the Golden Gate Bridge, showing its iconic red-orange towers and suspension cables against a clear blue sky. The bridge's deck and roadway are visible in the lower portion of the frame, with some traffic. A large, dark red, trapezoidal banner is superimposed over the center of the image, containing the text 'THEMES AND VISUAL CLASSES' in white, uppercase, sans-serif font. The overall composition is modern and graphic, with geometric shapes and a color palette dominated by red, blue, and white.

THEMES AND VISUAL CLASSES

THEMES AND VISUAL CLASSES

- Define display settings and other attributes to a group or individual controls
- Themes
 - Application (system) wide
 - Applies to all controls of the same type
 - For example, you can create a theme for a button that is flat, with a blue background, red text and a green border
- Visual Classes
 - Are set on individual control types
 - Overrides the theme setting
 - For example, can be assigned to individual tool bar buttons or bitmap buttons, or other text buttons for a different look
- NOMADS and *iNomads* are supported
- Multiple themes visual classes can co-exist
- Used to update the look and feel of your application

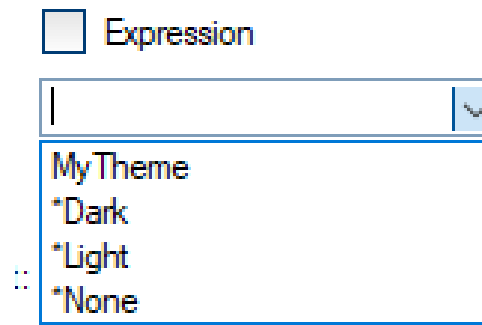
THEMES AND VISUAL CLASSES

- Where are they?
 - Themes – providex.dfs
 - Visual Classes – providex.ccl

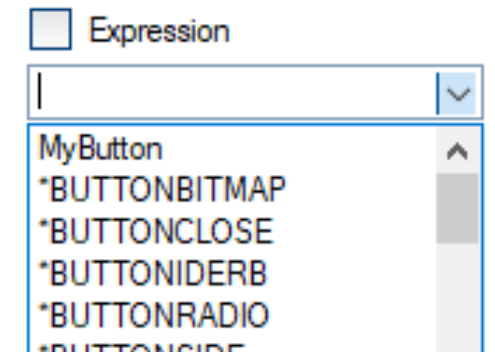
PxPlus System Themes and Visual Classes

- Found in *plus/winutl
- Start with * in panel designers

Theme



Visual Class



THEMES AND VISUAL CLASSES

Themes Maintenance

- Each control type has its own set of unique properties
 - Colors (States)
 - Font
 - Other attributes
- Themes have a 'default' type where background and foreground color, and font can be set
- Copy dialog can be used to copy individual themes
- A theme can be a single control type or a collection of control types

The image shows two overlapping windows from the PVX PLUS software. The top window is titled 'THEMES' and displays a 'Theme: Dark' dropdown and a 'Control Type: Default' dropdown. A red arrow points to the 'Control Type' dropdown. Below this is a table with columns 'Property' and 'Value'. The 'Background' property is highlighted, showing a value of 'RGB:38 38 38'. The bottom window is titled 'Lookup Templates' and contains a table with columns 'Theme Name' and 'Control Type'. The table lists various control types for the 'Dark' theme.

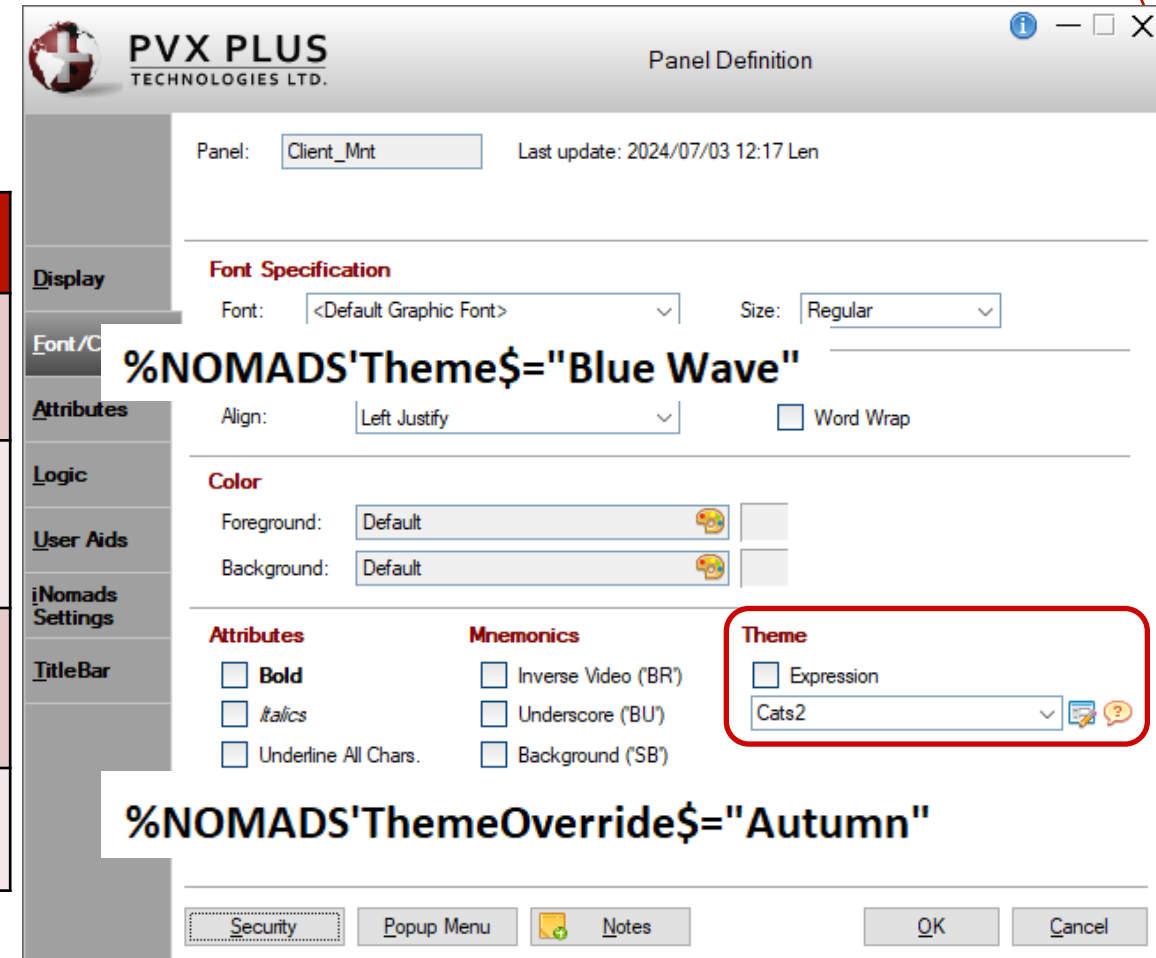
Theme Name	Control Type
Dark	Button
Dark	Chart
Dark	Check_Box
Dark	Default
Dark	Drop_Box
Dark	Frame
Dark	Grid
Dark	List_Box
Dark	Menu_Bar

THEMES AND VISUAL CLASSES

Themes

- Applying a Theme

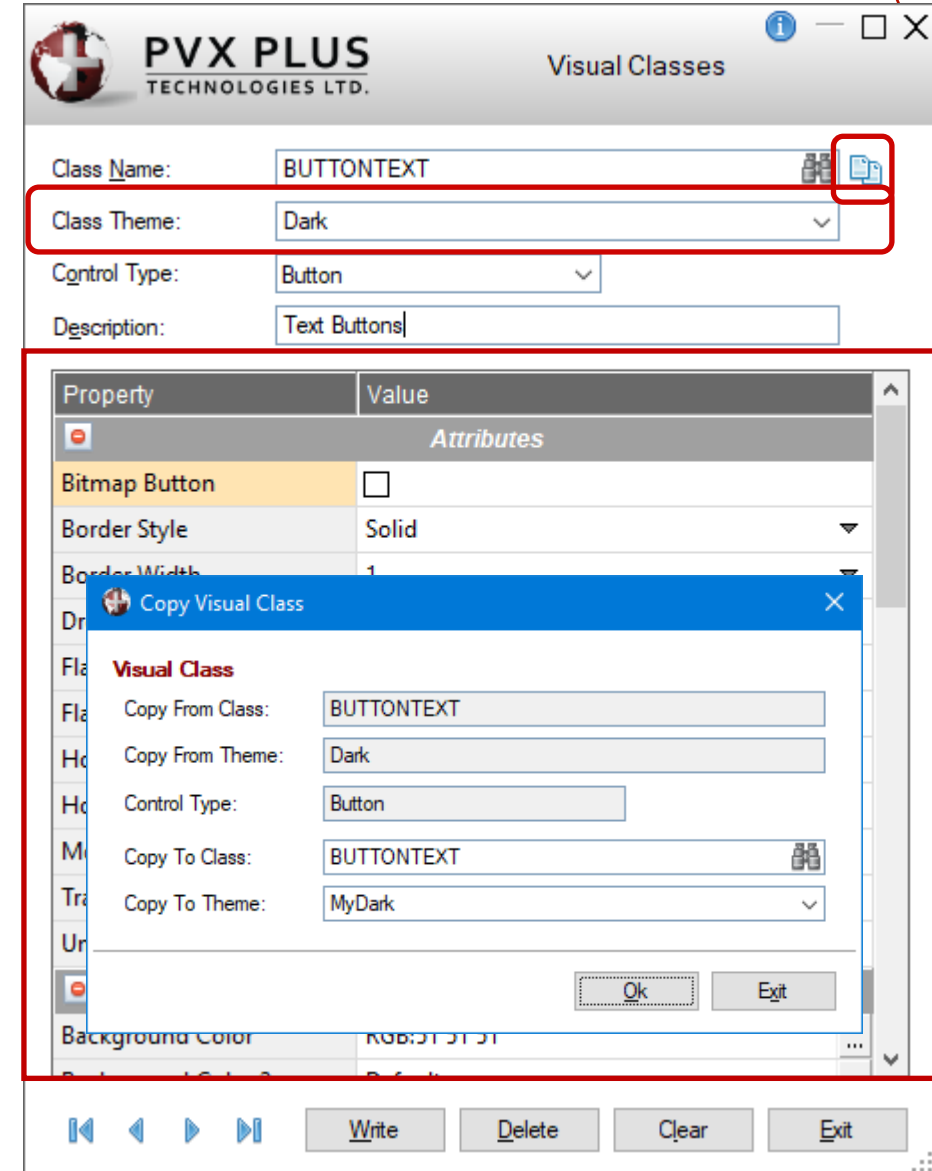
Hierarchy	Level	
1	%NOMADS'Theme\$	Usually in start_up
2	Library Defaults (overrides Nomads'theme setting)	Font/Color Tab
3	Panel Header (overrides Library Defaults)	Font/Color Tab
4	%NOMADS'ThemeOverride\$ (overrides all theme settings)	Usually in start_up



THEMES AND VISUAL CLASSES

Visual Classes Maintenance

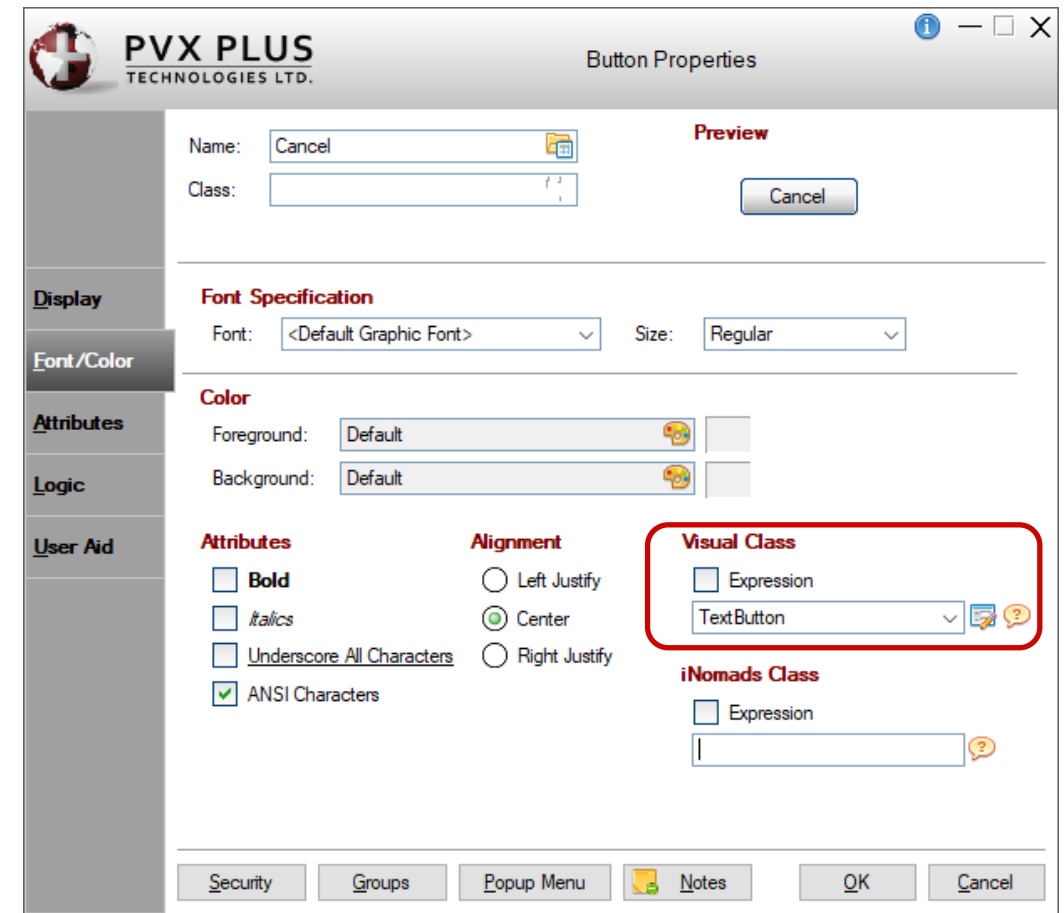
- Each control type has its own set of unique properties
 - Colors (States)
 - Font
 - Other attributes
- Copy dialog can be used to copy individual visual classes and related theme
- A theme can be assigned to a visual class
- Why is this important?
 - May want multiple themes for a different look for different users, application modules, etc.
 - For example: Dark theme, Blue Wave theme



THEMES AND VISUAL CLASSES

Visual Classes Maintenance

- Visual classes are applied to individual controls on a panel
- Visual class will override any theme defined



THEMES AND VISUAL CLASSES

Updating Themes and Visual Classes in Libraries and Panels

Utilities	Where	Description	
Panel Bulk Edit	Panel Designer	Apply to more than one selected control in the current panel	Visual Class
Visual Class Assignment by Panel	Panel Designer	Apply to controls in the current panel	Visual Class
Visual Class Assignment by Library	Library Object Selection	Apply to controls for the selected panel	Visual Class
Library Bulk Edit and Search	IDE or Nomads Session Manager or Library Object Selection	Apply to controls in multiple panels either in a single library or in multiple libraries within a specified directory	Theme, Visual Class



COPY THEME

COPY THEME

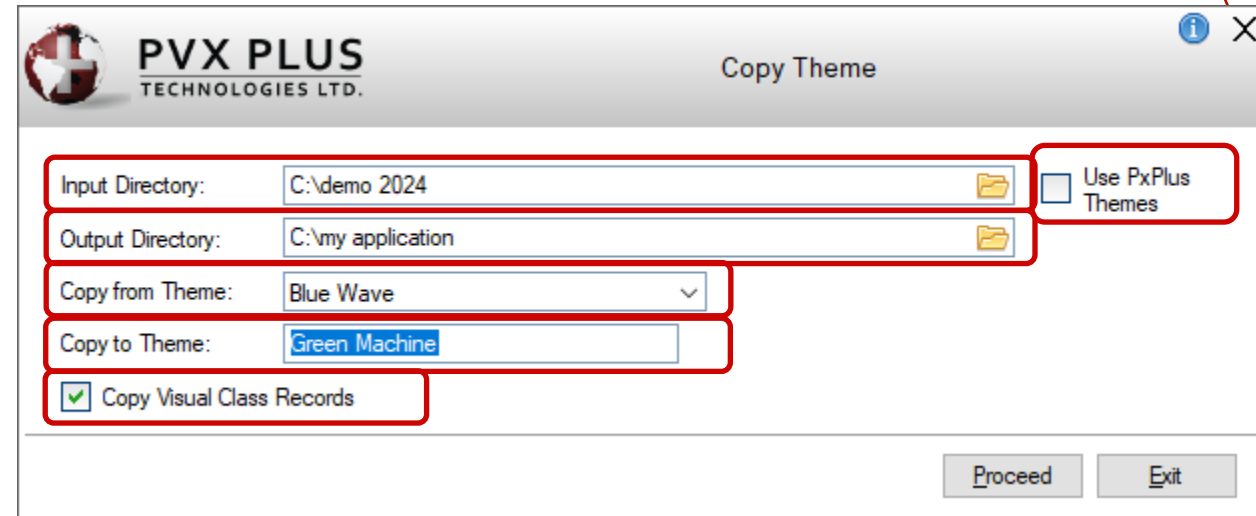
Copy Theme

- Introduced in PxPlus 2024
- Quick way to copy themes and associated visual classes
- Copies themes/visual classes between directories
- System Themes and Visual Classes can be copied
- Themes can be renamed as part of the copy process

COPY THEME

Copy Theme

- Input Directory - defaults to your working directory or another directory entered
- Use PxPlus Themes - select to copy system PxPlus themes and visual classes
- Output Directory – destination directory where themes and visual classes will be copied to
- Copy from Theme - displays all available themes based on Input Directory
- Copy to Theme – New or existing theme to copy to
- Copy Visual Class Records - associated visual class for the theme can be optionally copied
- Theme and Visual Class files are created if they do not exist in the Output Directory



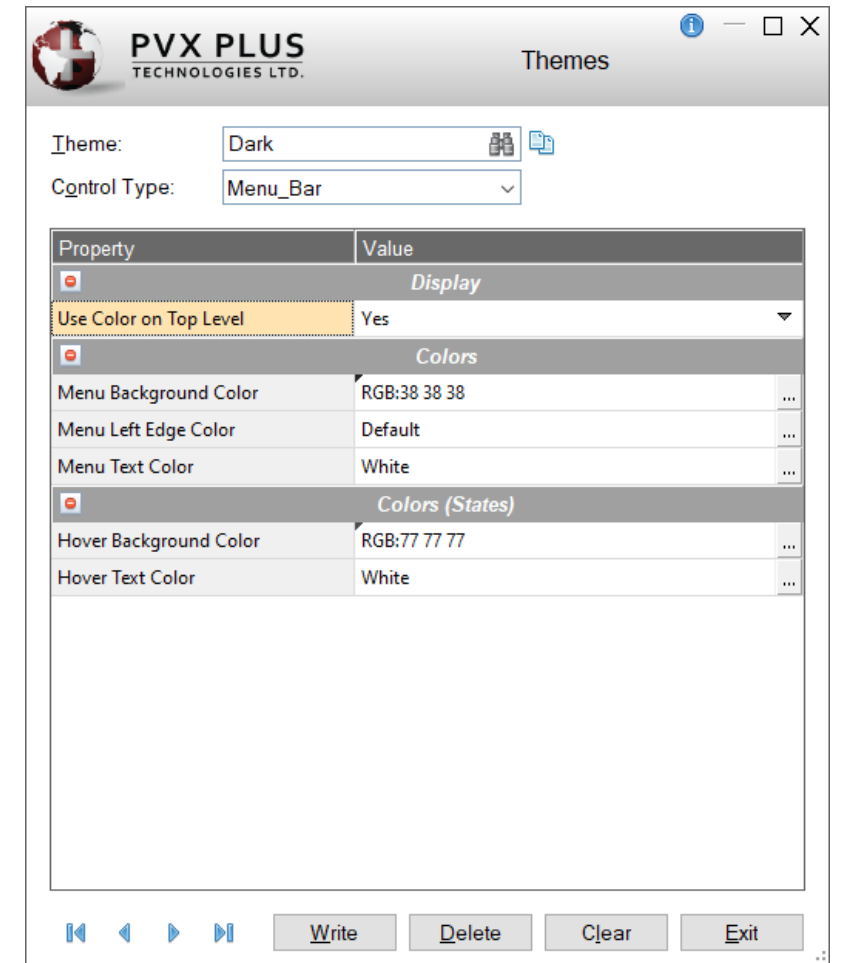
A low-angle, upward-looking photograph of a massive, rusted steel structure, likely a tower or bridge pylon. The structure is composed of large, rectangular steel plates connected by numerous dark rivets. The rust is a deep, warm red-brown color. The sky is a pale, clear blue. A prominent red banner with a slight perspective tilt is overlaid across the center of the image. The banner contains the text 'THEMES AND VISUAL CLASSES PROPERTIES' in white, uppercase, sans-serif font. The overall composition is dynamic, with strong geometric lines and a sense of scale and height.

THEMES AND VISUAL CLASSES PROPERTIES

THEMES AND VISUAL CLASSES

[Menu Bar](#) and [Popup Menu](#) Properties - *New*

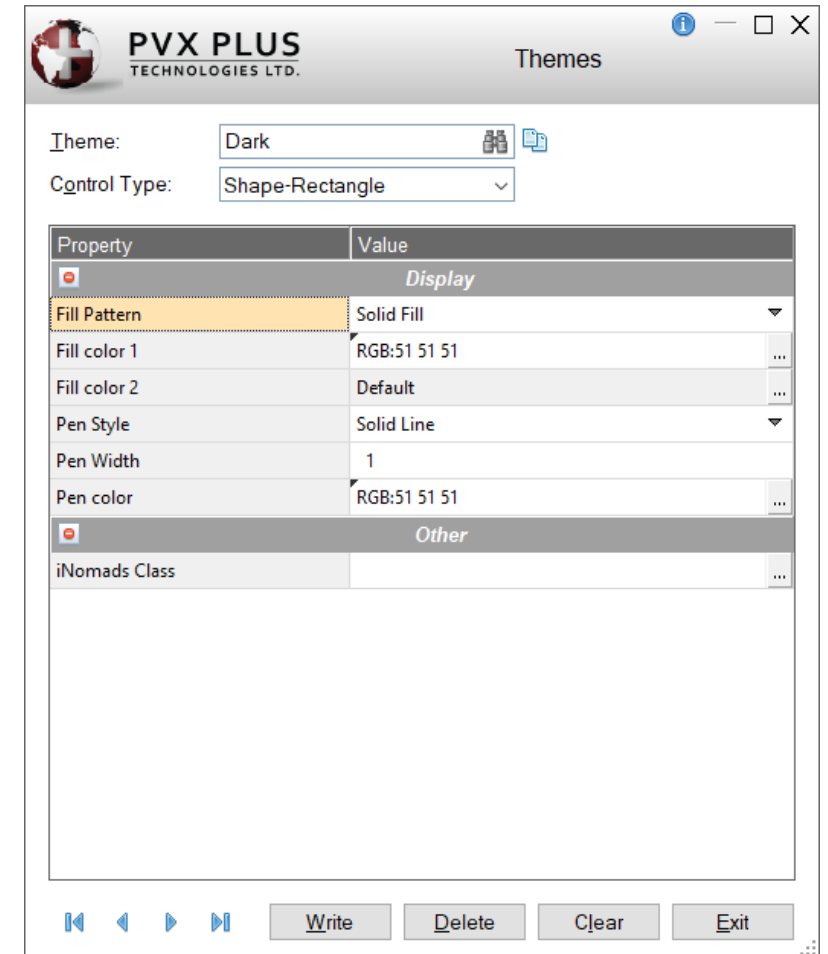
Property	Description
Use Color on Top Level	Apply the Text and Background menu colors to top level (Menu Bar only)
Menu Background Color	Applies a background color to the menu
Menu Left Edge Color	Applies a background color for the left edge portion of the menu. If not set, the menu background color is used
Menu Text Color	Applies a text color to the menu items
Hover Background Color	Color used for the background when hovering over an item
Hover Text Color	Color of the menu item text when the mouse hovers over it



THEMES AND VISUAL CLASSES

[Shape-Circle](#), [Shape-Line](#) and [Shape-Rectangle](#) Properties - *New*

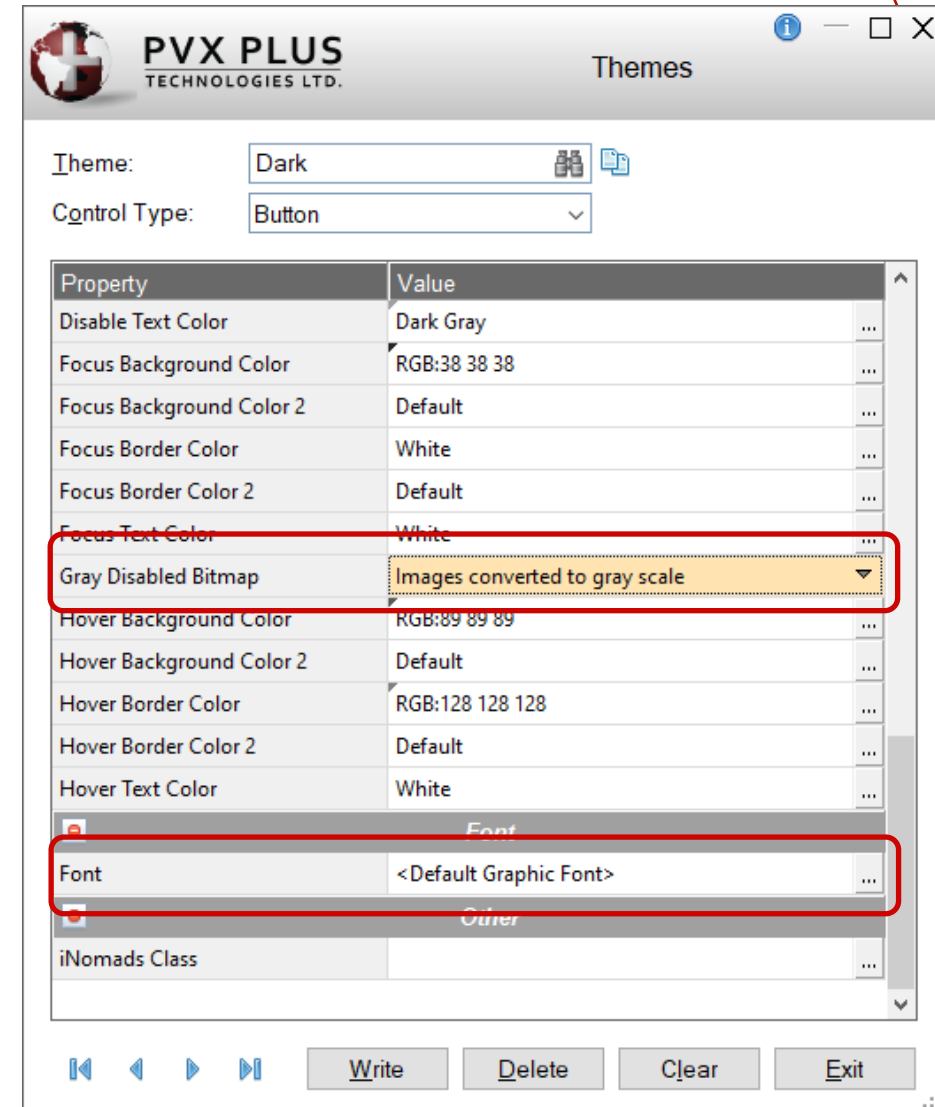
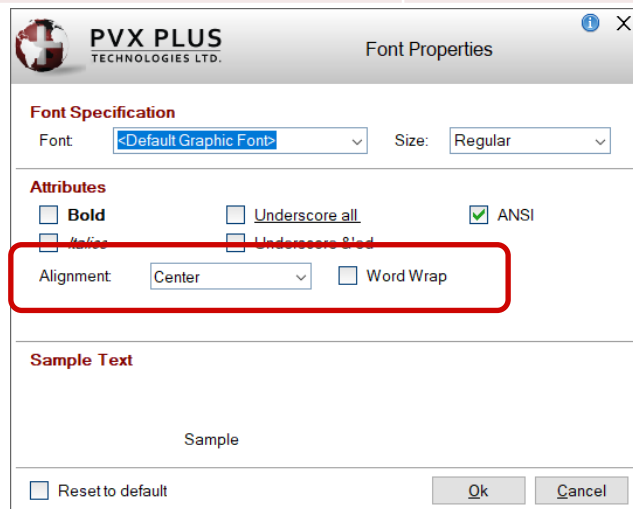
Property	Description
Fill Pattern	Select the direction of the gradient fill or pattern from pre-defined options
Fill Color 1	Color for shape
Fill Color 2	Second color for two-color gradient of fill patterns
Pen Style	Select pen style from pre-defined options
Pen Width	Pen width in graphical units. Valid entries are 0 - 255
Pen Color	Set the pen color using Color Selections dialog



THEMES AND VISUAL CLASSES

Button Properties

Property	Description
Gray Disabled Bitmap	Image display for disabled buttons Available selections: <ul style="list-style-type: none">- Default gray disabled setting (Default)- Images display as shadows- Images converted to gray scale
Font - Alignment and Word Wrap	Sets Alignment and Word Wrap



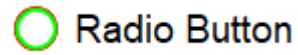
THEMES AND VISUAL CLASSES

Radio Button Properties

Property	Description
Radio Button Frame Color	Color of the frame/outline circle (no bitmap)
Radio Button Mark Color	Color of the circle in the radio button when clicked (no bitmap)
Gray Disabled Bitmap	Image display for disabled buttons Available selections: <ul style="list-style-type: none"> - Default gray disabled setting (Default) - Images display as shadows - Images converted to gray scale
Radio Button Hover Color	Hover color on mouse over (no bitmap)
Font - Alignment and Word Wrap	Sets Alignment and Word Wrap



Radio Button



Radio Button

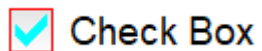
The screenshot shows the PVX PLUS THEMES application window. The 'Theme' is set to 'Dark' and the 'Control Type' is 'Radio_Button'. A list of properties is displayed, with several highlighted by red boxes:

- Radio Button Frame Color:** Dark Gray
- Radio Button Mark Color:** Light Green
- Gray Disabled Bitmap:** Default gray disabled setting
- Radio Button Hover Color:** RGB:165 255 166
- Font:** <Default Graphic Font>

THEMES AND VISUAL CLASSES

[Check Box](#) and [Tristate Checkbox](#) Properties

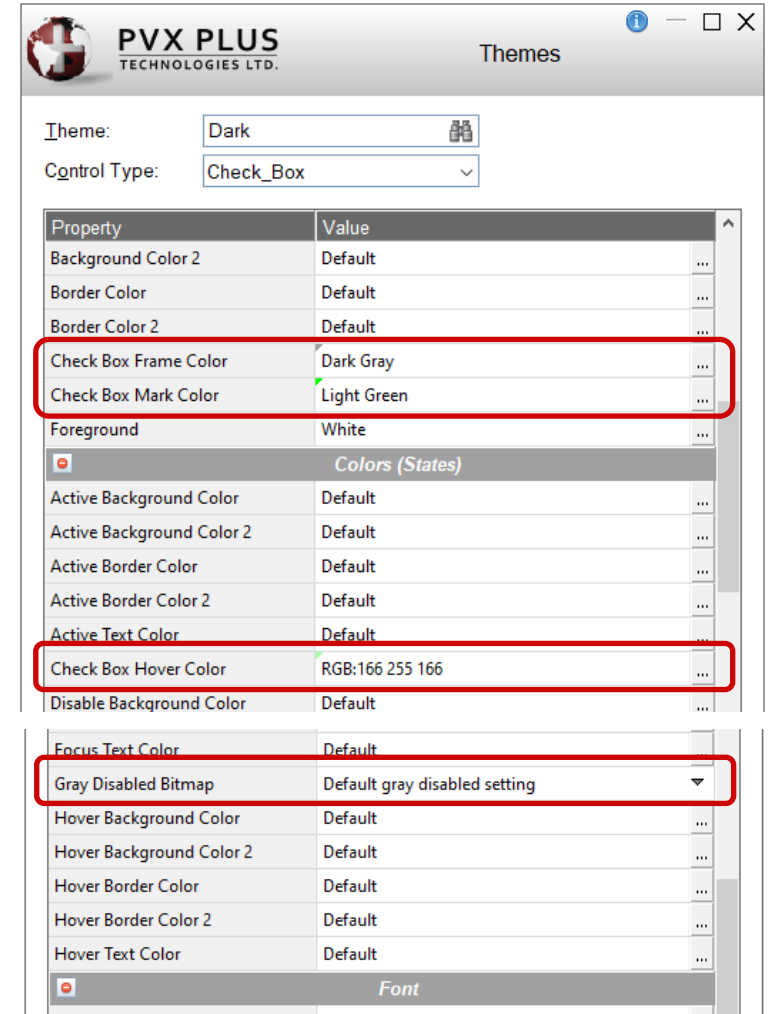
Property	Description
Check Box Frame Color	Color of the frame/outline check box (no bitmap)
Check Box Mark Color	Color of the check mark when checked (no bitmap)
Check Box Hover Color	Hover color on mouse over (no bitmap)
Gray Disabled Bitmap	Image display for disabled buttons Available selections: <ul style="list-style-type: none">- Default gray disabled setting (Default)- Images display as shadows- Images converted to gray scale
Font - Alignment and Word Wrap	Sets Alignment and Word Wrap



Check Box



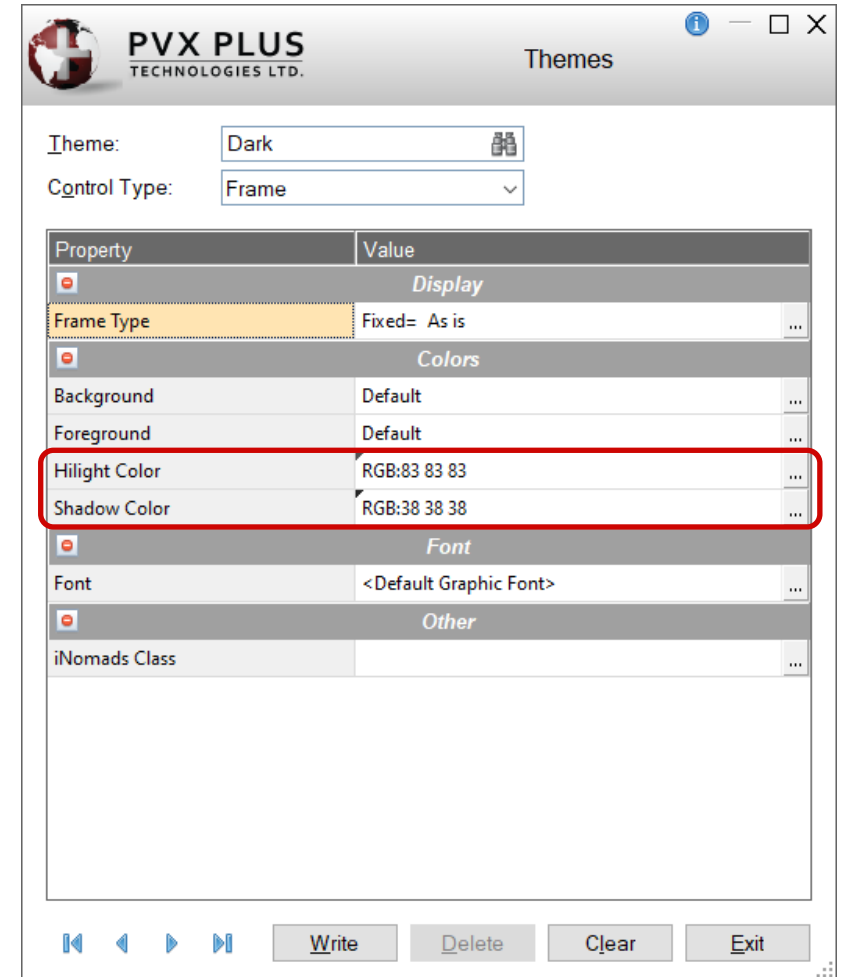
Check Box



THEMES AND VISUAL CLASSES

Frame Properties

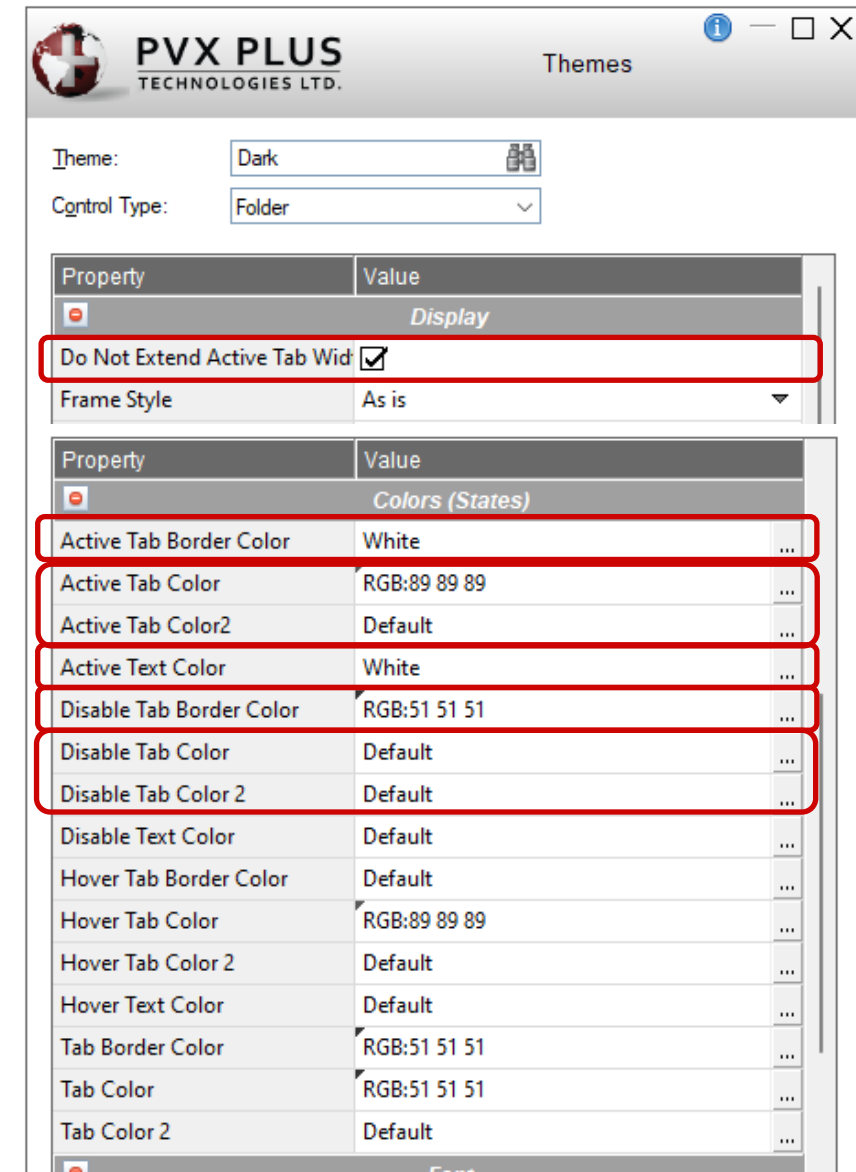
Property	Description
Highlight Color	Color of the highlight line for non-Text Mode frame styles. Default is Light Gray
Shadow Color	Color of the shadow line for non-Text Mode frame styles. Default is Dark Gray



THEMES AND VISUAL CLASSES

Folder Properties

Property	Description
Do Not Extend Active Tab Width	Active tab will remain the same width as inactive tabs when using sidebar folders
Active Tab Border Color	Color of the active folder tab border on sidebar tabs
Active Tab Color, Active Tab Color 2	Background color(s) of the folder tab when the folder is active
Active Text Color	Foreground text color of the folder tab when the folder is active
Disable Tab Border Color	Color of the disabled folder tab border on sidebar tabs
Disable Tab Color, Disable Tab Color 2	Background color(s) of the folder tab when the folder is disabled



THEMES AND VISUAL CLASSES

Folder Properties

Property	Description
Disable Text Color	Foreground text color of the folder tab when folder is disabled
Hover Tab Border Color	Hover color of the folder tab border on sidebar tabs
Hover Tab Color, Hover Tab Color 2	Hover Background color(s) of the folder tab on mouse over
Hover Text Color	Hover Foreground text color on mouse over
Tab Border Color	Color of the folder tab border on sidebar folders
Tab Color, Tab Color 2	Background color(s) of the folder tab when in its normal state

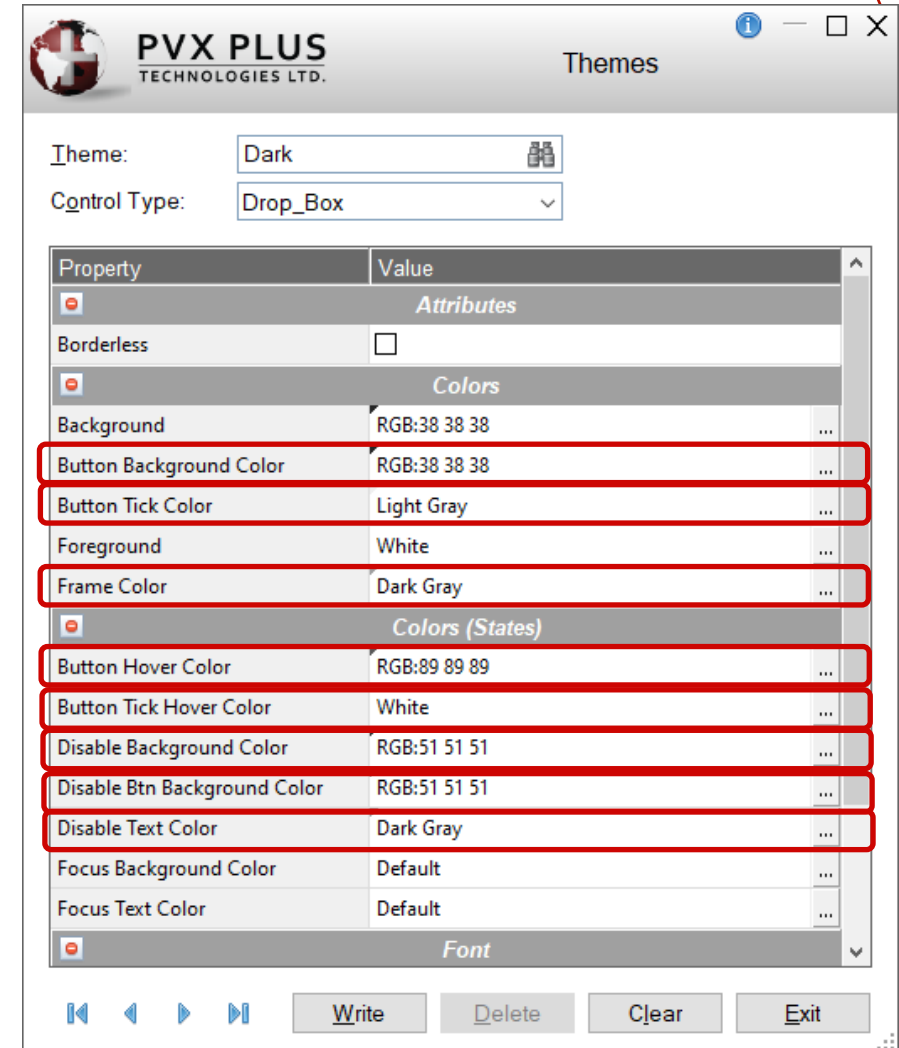
The screenshot shows the 'PVX PLUS TECHNOLOGIES LTD. Themes' application window. It features a 'Theme:' dropdown set to 'Dark' and a 'Control Type:' dropdown set to 'Folder'. Below these are two property tables. The first table, titled 'Display', includes 'Do Not Extend Active Tab Width' (checked) and 'Frame Style' (set to 'As is'). The second table, titled 'Colors (States)', lists various properties for folder tabs, with several rows highlighted by red boxes: 'Disable Text Color' (Default), 'Hover Tab Border Color' (Default), 'Hover Tab Color' (RGB:89 89 89), 'Hover Tab Color 2' (Default), 'Hover Text Color' (Default), 'Tab Border Color' (RGB:51 51 51), 'Tab Color' (RGB:51 51 51), and 'Tab Color 2' (Default).

THEMES AND VISUAL CLASSES

Drop Box and Variable Drop Boxes Properties



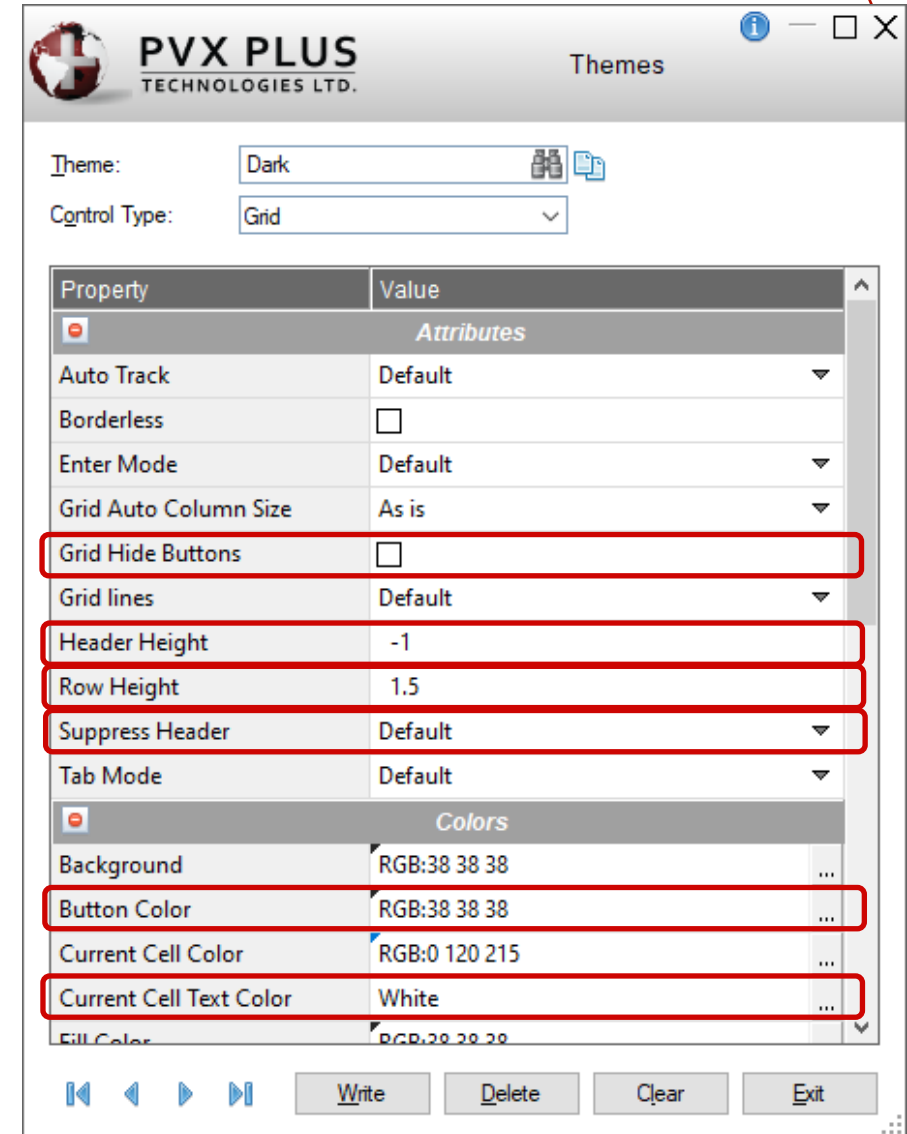
Property	Description
Button Background Color	Background color for the button
Button Tick Color	Color of the tick on the button
Frame Color	Color of the frame/border around the control
Button Hover Color	Hover background color for the button
Button Tick Hover Color	Hover color of the tick on the button
Disable Background Color	Background color when the control is disabled
Disable Btn Background Color	Background color of button when the control is disabled
Disable Text Color	Foreground text color when the control is disabled



THEMES AND VISUAL CLASSES

Grid Properties

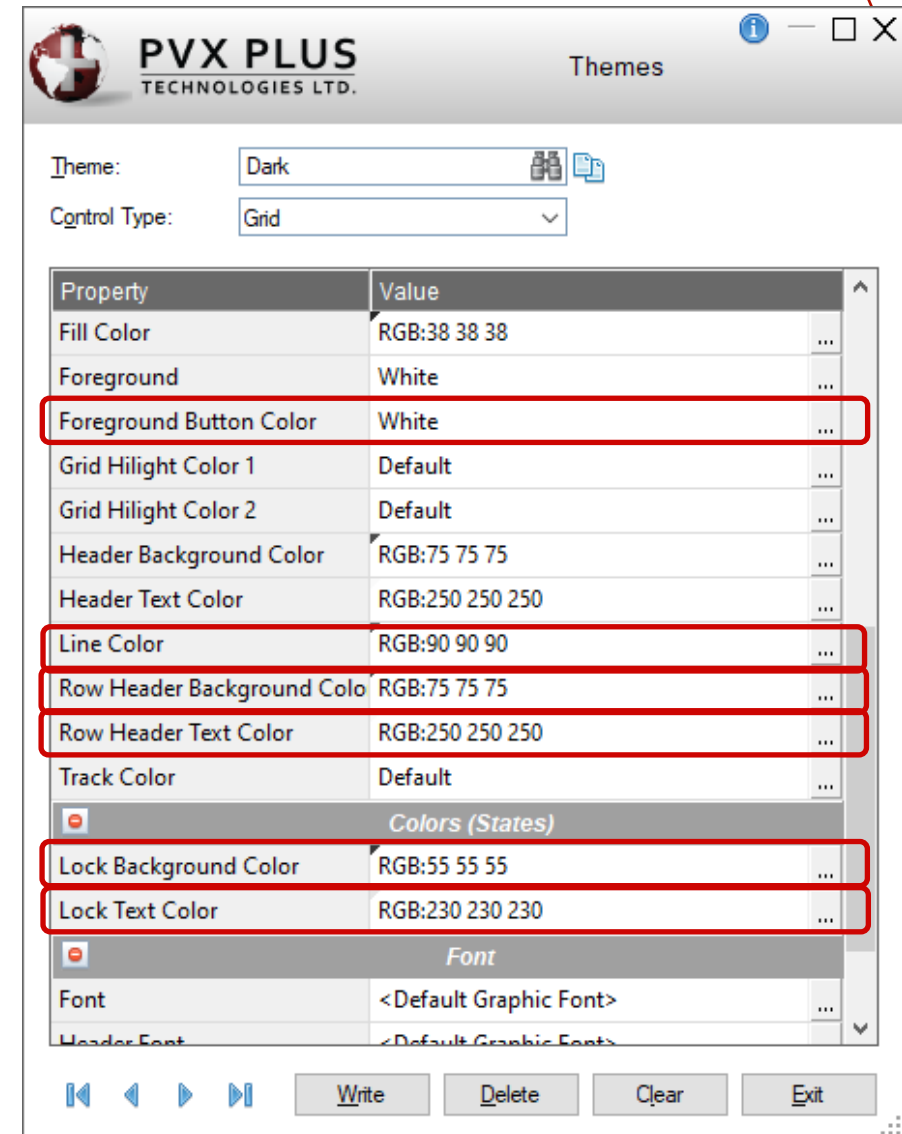
Property	Description
Grid Hide Buttons	Hides query buttons or drop box images associated with grid cells
Header Height	Controls the height of the grid header in pixels -1 restores the height to its default size
Row Height	Controls the row height in the grid New -1 option to default row height
Suppress Header	Suppress headers – row, column, both, none
Button Color	Background color for system-generated buttons
<u>Current Cell Text Color</u>	Text color for current cell



THEMES AND VISUAL CLASSES

Grid Properties

Property	Description
Foreground Button Color	Foreground text color for system-generated buttons
Line Color	Color of the lines drawn between rows and columns
Row Header Background Color	Background color for the leading left column only (colno -1)
Row Header Text Color	Text color for the leading left column only (colno -1)
Lock Background Color	Background color when the cell is locked
Lock Text Color	Foreground text color when the cell is locked

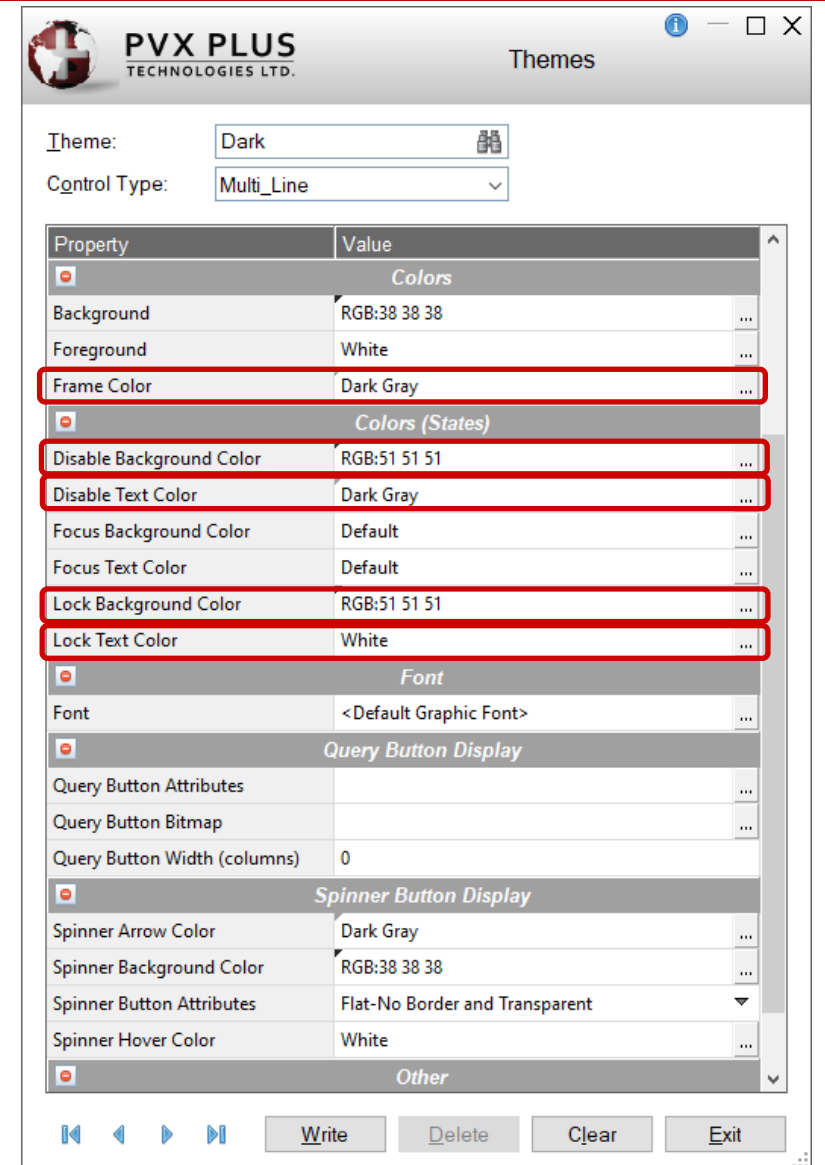


THEMES AND VISUAL CLASSES

Multi-Line Properties

Property	Description
Frame Color	Color of the frame/border around the control
Disable Background Color	Background color when the control is disabled
Disable Text Color	Foreground text color when the control is disabled
<u>Lock Background Color</u>	Background color when the control is locked
<u>Lock Text Color</u>	Foreground text color when the control is locked

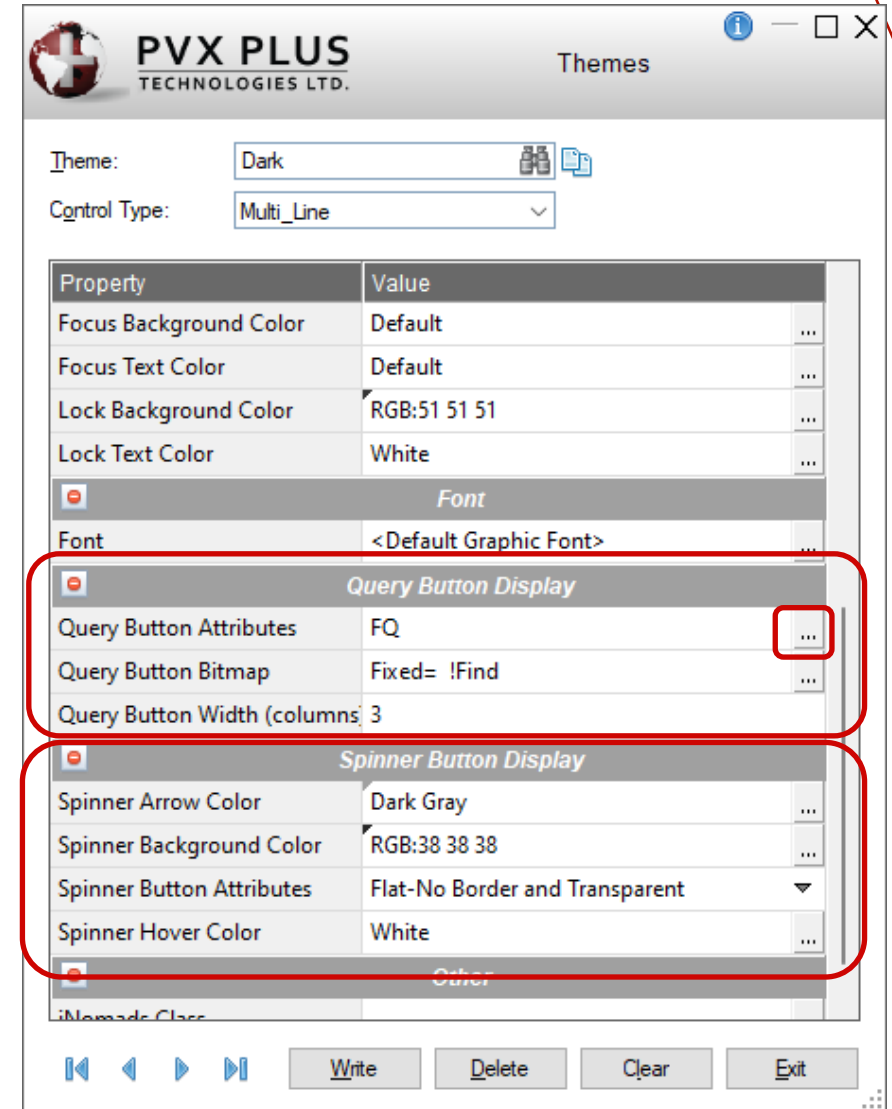
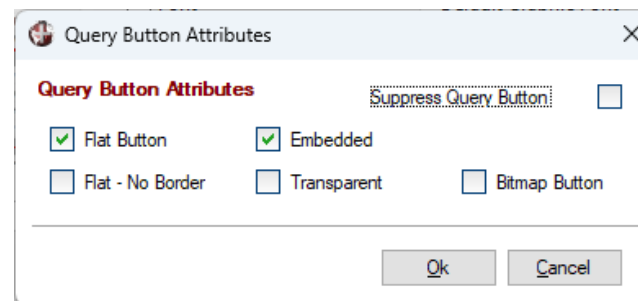
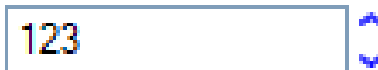
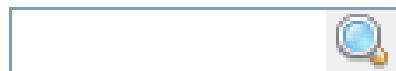
Multi line



THEMES AND VISUAL CLASSES

Multi-Line Properties

Property	Description
Query Button Display	Set options for the query button <ul style="list-style-type: none"> - Query button attributes - Query button bitmap - Query button width (columns)
Spinner Button Display	Controls the appearance of the spinner button <ul style="list-style-type: none"> - Spinner arrow color – chevron color - Spinner background color - Spinner button attributes – attributes settings - Spinner hover color – chevron hover color



THEMES AND VISUAL CLASSES

List Box Properties

Property	Description
Header Height	Header height in Report View lists in pixels -1 restore height to default size
Lines Per Row	Controls line row height New -1 option to use default lines per row
Frame Color	Color of the frame/border around the control
Line Color	Color of the lines for Report and Tree View
Disable Background Color	Background color when the control is disabled
Disable Text Color properties	Foreground text color when the control is disabled

Property	Description (Variable List Box)
Frame Color	Color of the frame/border around the control

