



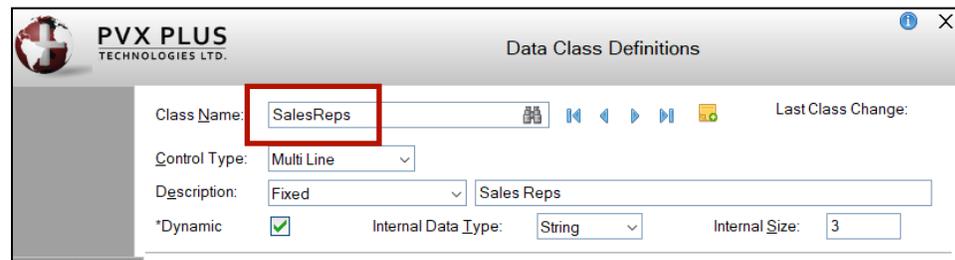
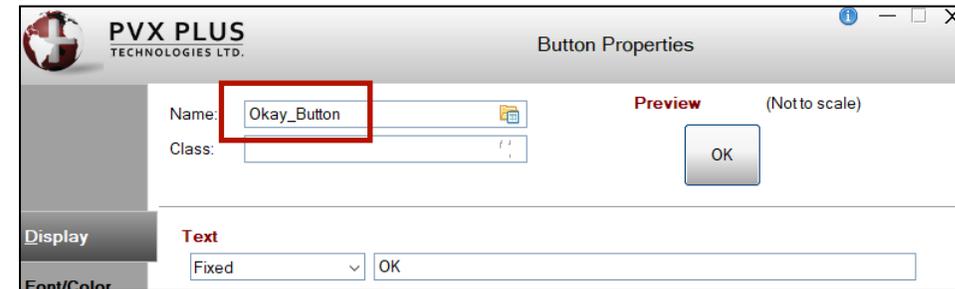
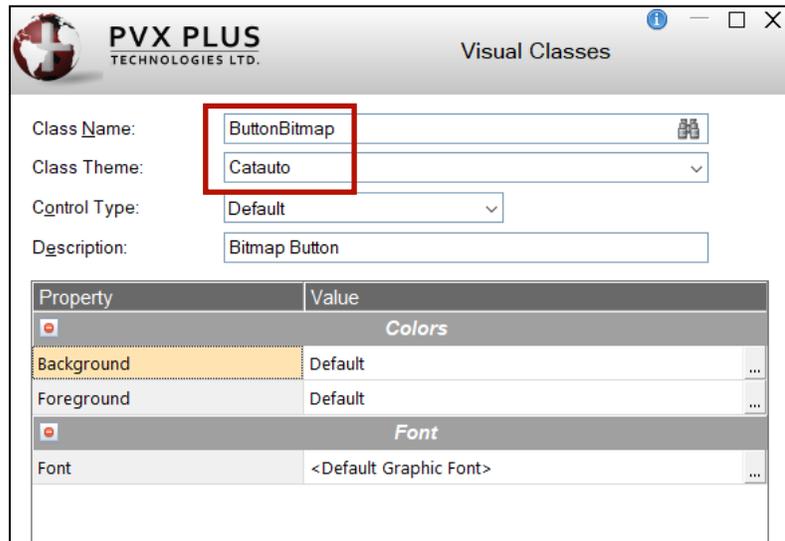
NOMADS PANEL DESIGNER ENHANCEMENTS

DireXions 2024

MIXED CASE CHARACTERS (2020)

MIXED CASE CHARACTERS

- Mixed Case characters can now be used when defining controls/records in all panel designers and utilities
 - Many previously enforced all CAPS
 - Case insensitive



COLOR SELECTION (2020)

COLOR SELECTION DIALOG

- Standardized the [Color Selection](#) dialog for color lookups in all panel designers and utilities
- Standard Colors
- RGB Colors
- User Defined Colors
- Expressions
- HTML Hex Color Code (PxPlus 2023)

Color Selections

Current Color

Name: Default

Description: Default

Preview

Standard (0-15)

Use Default

User Defined (16-254)

Custom

R: 0 G: 0 B: 0

HTML Hex Color Code

(e.g. 00FF80)

Expression

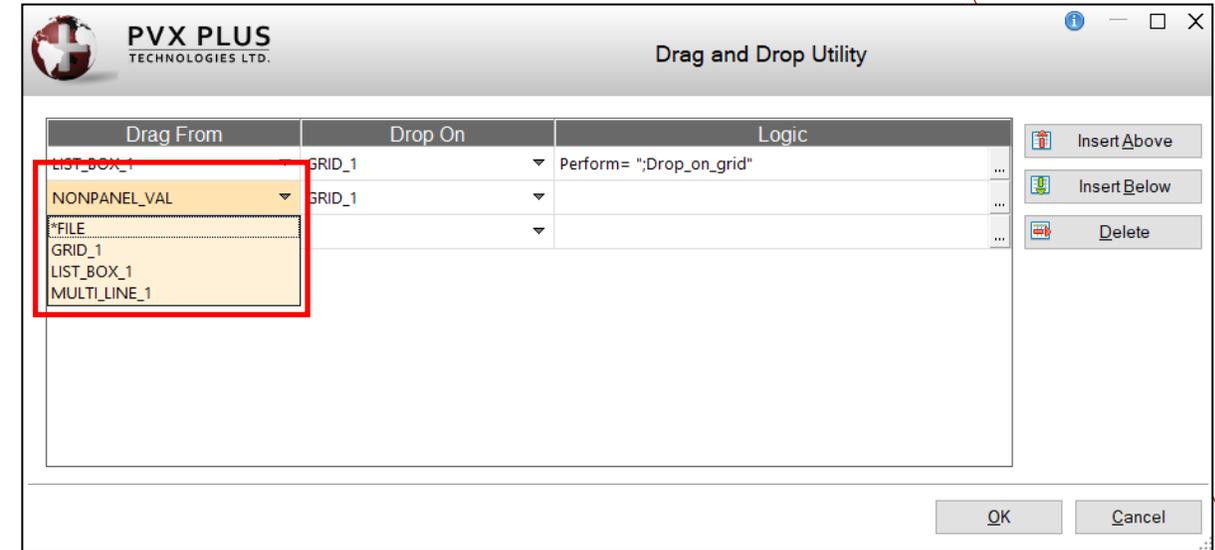
OK Cancel

| HTML Colour name | Hex code | |
|------------------|----------|--|
| AliceBlue | F0F8FF | |
| AntiqueWhite | FAEBD7 | |
| Aqua | 00FFFF | |
| Aquamarine | 7FFFD4 | |
| Azure | F0FFFF | |
| Beige | F5F5DC | |
| Bisque | FFE4C4 | |
| Black | 000000 | |
| BlanchedAlmond | FFEBCD | |
| Blue | 0000FF | |
| BlueViolet | 8A2BE2 | |
| Brown | A52A2A | |
| Burlywood | DEB887 | |
| CadetBlue | 5F9EA0 | |

DRAG AND DROP UTILITY (2020)

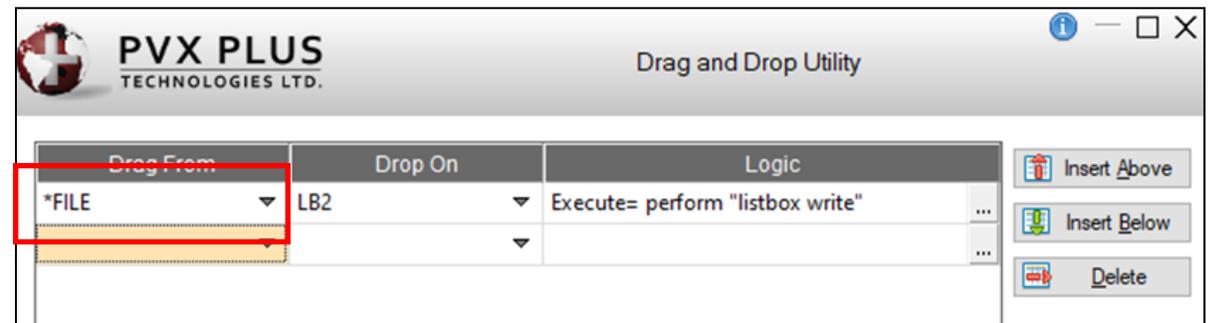
CONCURRENT PANELS

- Ability to define [Drag and Drop](#) settings for variables on concurrent panels
 - Drag From and Drop On inputs are now variable drop boxes to allow controls from concurrent panels to be entered



DRAG FROM *FILE (not supported in iNomads)

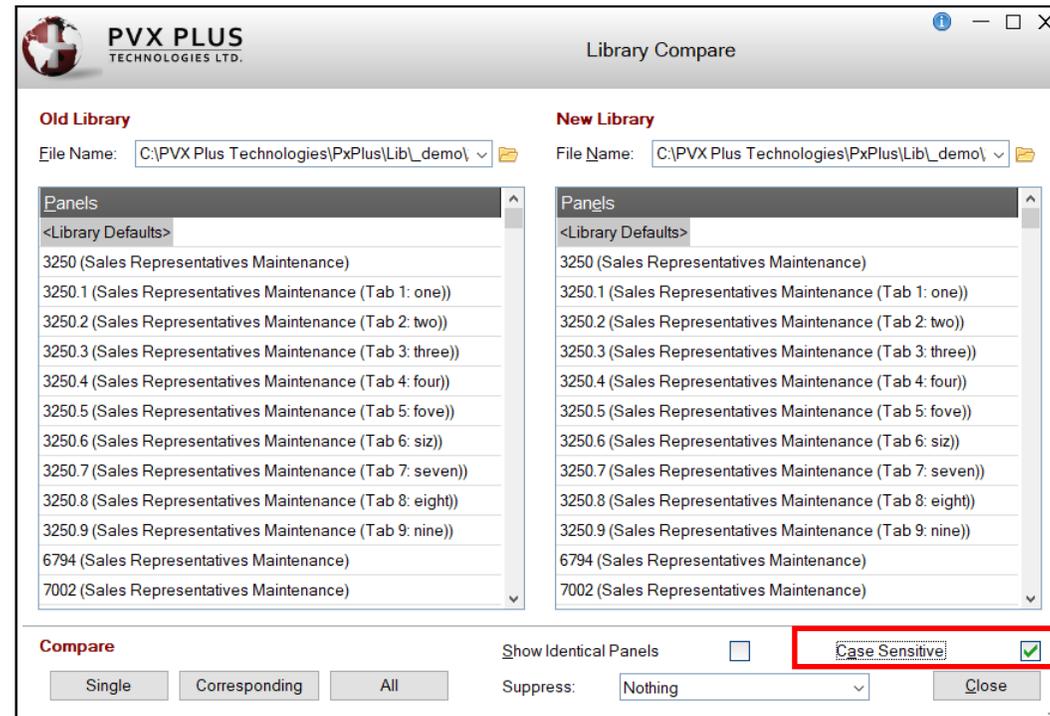
- Use *FILE to allow files from external applications (such as Windows Explorer) to be dropped onto a destination input control.



LIBRARY COMPARE (2020)

LIBRARY COMPARE DIALOG

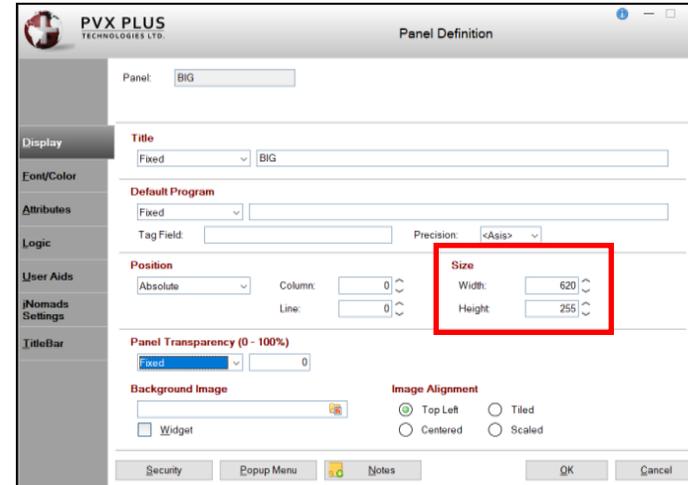
- Added **Case Sensitive** check box to NOMADS [Library Compare Utility](#)



SCREEN MAXIMUMS (2021)

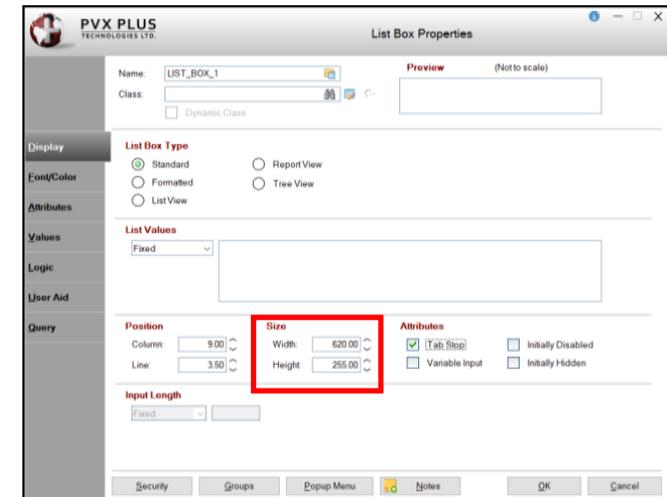
LARGER PANELS

- Support larger NOMADS panels in all designers
 - 620 wide x 255 high (was 255 wide x 240 high)

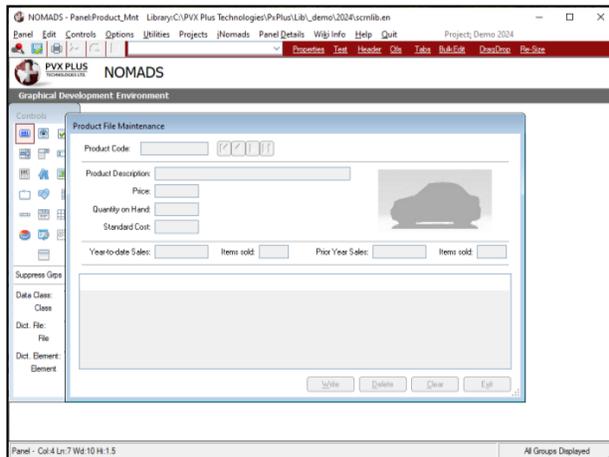
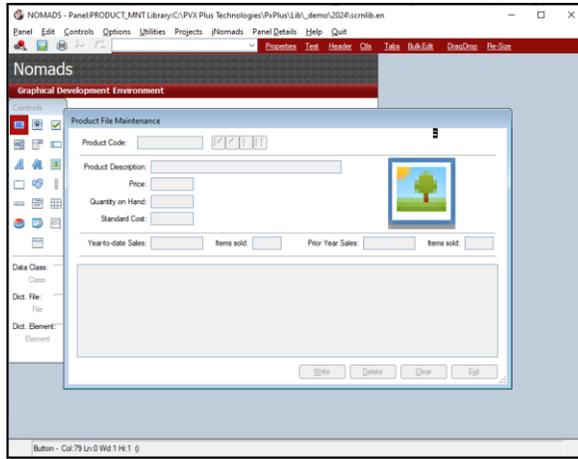


MORE CONTROLS

- Increased maximum number of controls on a panel from 200 to 999
 - Some special considerations for folders, concurrent panels and embedded panels

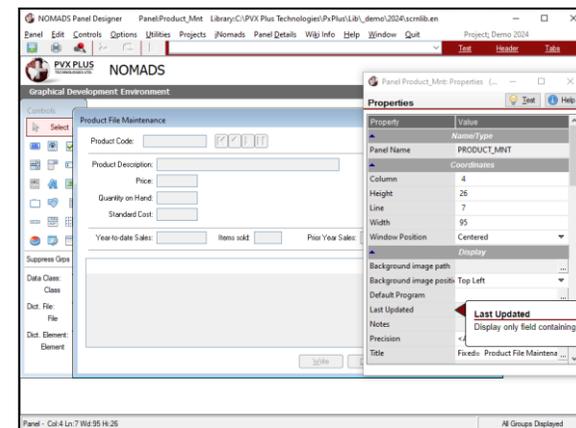
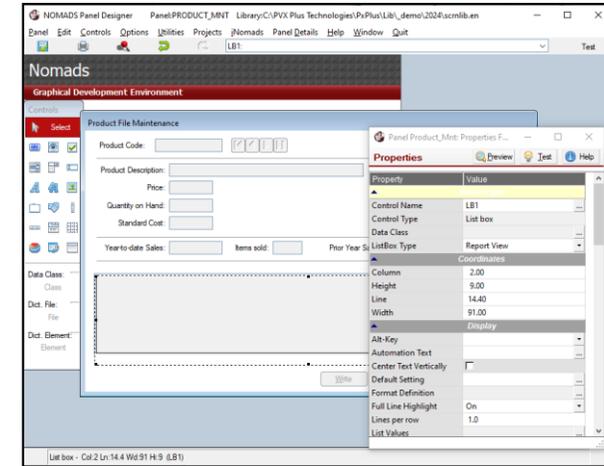


DESIGNER UI UPDATES (2021)



FOLDER STYLE / PROPERTY SHEETS

- UI updates to remove outdated NOMADS title bar

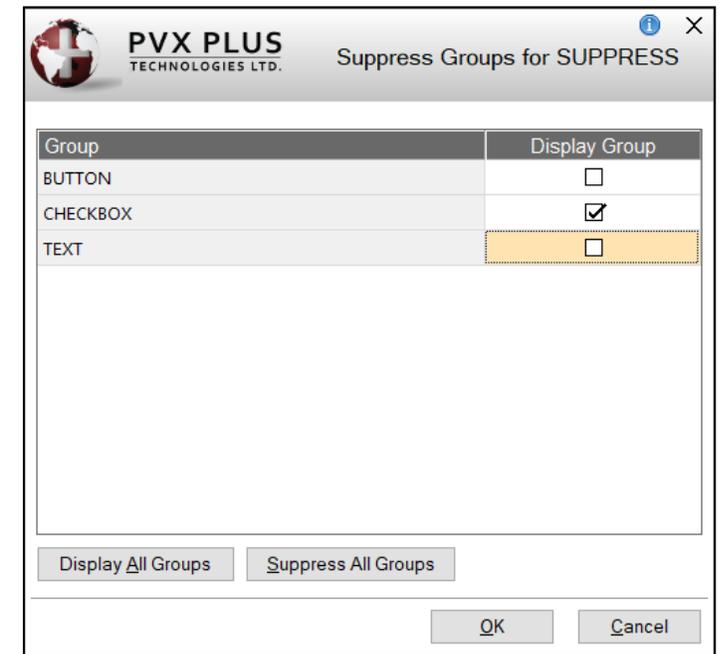
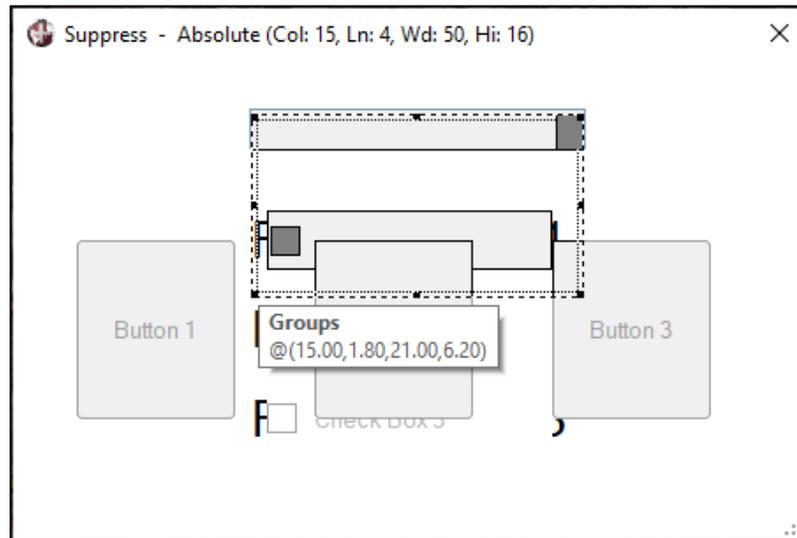


BRIDGING THE PAST AND THE FUTURE

SUPPRESS GROUPS (2021)

SUPPRESS GROUPS FUNCTIONALITY

- [Suppress Groups](#) button allows controls to be suppressed by group when designing a panel
 - Controls no longer display in 'work' window
 - Useful when working with a lot of overlapping controls



GROUPS SUPPRESSED

NOMADS - Panel: Suppress Library: C:\PVX Plus Technologies\PxPlus\Lib_demo\2021\data\v2024.en
Panel Edit Controls Options Utilities Sizing Projects iNomads Panel Details Wiki Info Help Quit Project: Demo 2021 v2024

NOMADS+ Toolbar

Suppress Groups Help

Controls Data Controls Update Maintain Edit

| Control | Type | Text | Column | Line | Width | Height | Tab Stop | Movement |
|-----------------|-------------|---|--------|-------|-------|--------|-------------------------------------|----------|
| Groups | Drop box | Button Objects[]Check Box Objects[]Text | 15.00 | 1.80 | 21.00 | 6.20 | <input checked="" type="checkbox"/> | Fixed |
| CHECK_BOX_1 | Check Box | Check Box 1 | 16.00 | 5.00 | 18.00 | 2.00 | <input checked="" type="checkbox"/> | Fixed |
| * BUTTON_1 | Button | Button 1 | 4.00 | 6.00 | 10.00 | 6.00 | <input checked="" type="checkbox"/> | Fixed |
| * BUTTON_2 | Button | Button 2 | 19.00 | 6.00 | 10.00 | 6.00 | <input checked="" type="checkbox"/> | Fixed |
| * BUTTON_3 | Button | Button 3 | 34.00 | 6.00 | 10.00 | 6.00 | <input checked="" type="checkbox"/> | Fixed |
| CHECK_BOX_2 | Check Box | Check Box 2 | 16.00 | 8.00 | 18.00 | 2.00 | <input checked="" type="checkbox"/> | Fixed |
| CHECK_BOX_3 | Check Box | Check Box 3 | 16.00 | 11.00 | 18.00 | 2.00 | <input checked="" type="checkbox"/> | Fixed |
| * FONTED_TEXT_1 | Fonted text | Fonted Text 1 | 15.00 | 5.00 | 22.00 | 2.20 | <input type="checkbox"/> | Fixed |
| * FONTED_TEXT_2 | Fonted text | Fonted Text 2 | 15.00 | 8.00 | 22.00 | 2.20 | <input type="checkbox"/> | Fixed |
| * FONTED_TEXT_3 | Fonted text | Fonted Text 3 | 15.00 | 11.00 | 22.00 | 2.20 | <input type="checkbox"/> | Fixed |

Fonted text - Col:0 Ln:0 Wd:1 Hi:1 (Groups) All Groups Not Displayed

Suppress - Absolute (Col: 15, Ln: 4, Wd: 50, Hi: 16)

Button Objects

Check Box 1

Check Box 2

Check Box 3

SMART CONTROLS (2021)

NEW OPTIONS FOR SMART CONTROLS

All Smart Controls

- Clear control when all triggers are null

All except *Smart Multi-Lines*

- Hide control during load (speeds up loading)

Report View List Boxes and Grids

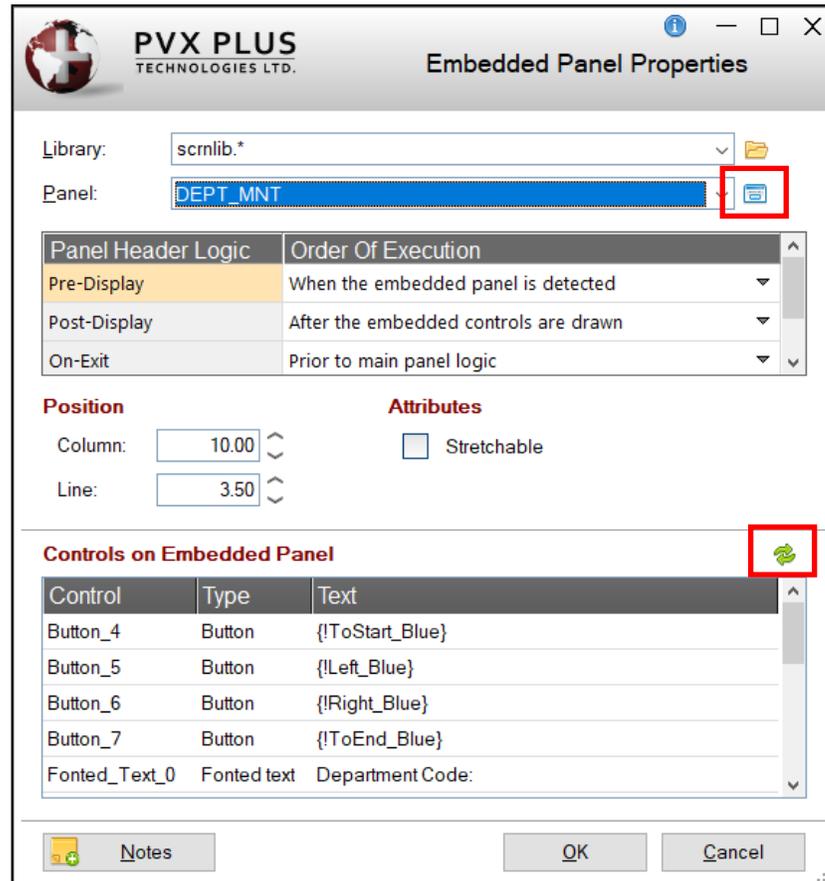
- Suppress graphic row/column displays

The screenshot shows the 'Smart Control Definition' dialog box from PVX PLUS TECHNOLOGIES LTD. The dialog is titled 'Smart Control Definition' and has a close button (X) in the top right corner. It contains several sections:

- Use Smart Load logic:** A checked checkbox.
- Query Selection:** Includes a 'Select Query' button, a 'Library' dropdown set to 'scrnlib.*', a 'Panel' dropdown set to 'SALESREP_QRY', and a 'Define' button.
- Trigger Variables and Controls:** Features a 'Variables' list with 'SALESREP\$' and an 'Add Variable' button. Below it is a 'Controls' list and an 'Add Control' button. To the right is a 'Selected Triggers' list with 'SALESREP\$' and a 'Remove' button.
- Conditional Trigger Test:** A text input field.
- Options:** A section highlighted with a red box, containing three checked options:
 - Clear control when all Triggers are null
 - Hide control during load
 - Suppress graphic row/column displays
- Load Logic:** Includes 'Pre-Load Logic' and 'Post-Load Logic' dropdowns, both set to 'Ignore', with associated text input fields and help icons.

At the bottom right, there are 'OK' and 'Cancel' buttons.

EMBEDDED PANELS (2021)



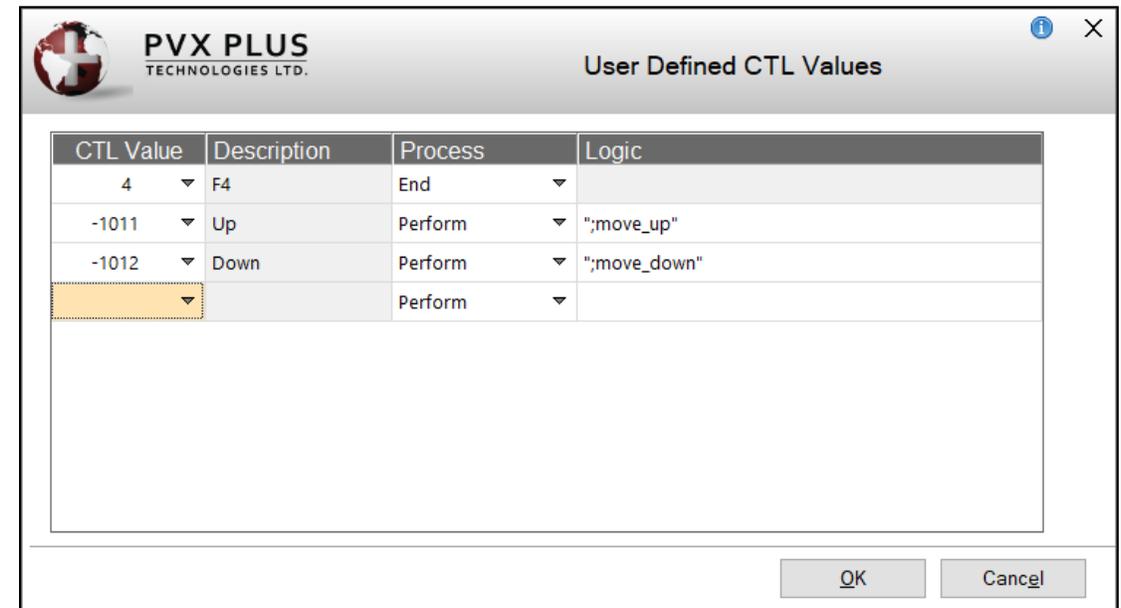
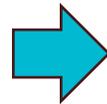
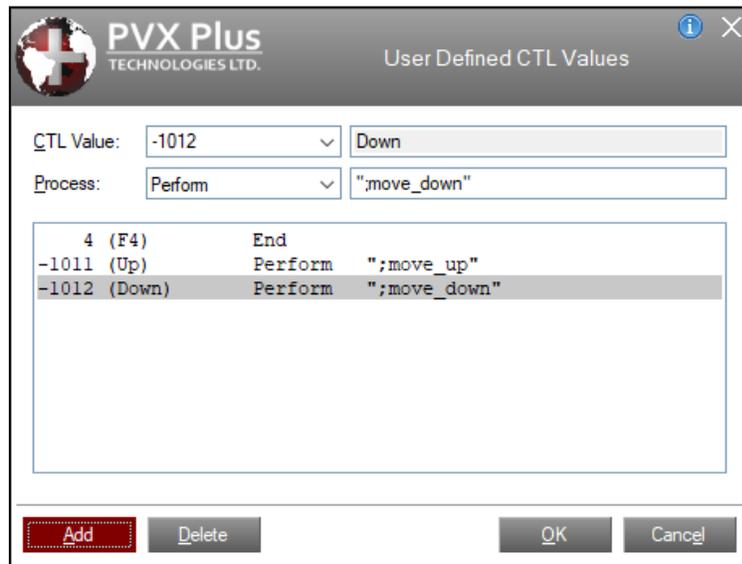
EMBEDDED PANEL PROPERTIES

- New **Display Embedded Panel in NOMADS** button
- Allows panel being embedded to be viewed/edited
- New **Refresh** button

USER DEFINED CTL VALUES (2021)

USER DEFINED CTL VALUES DIALOG

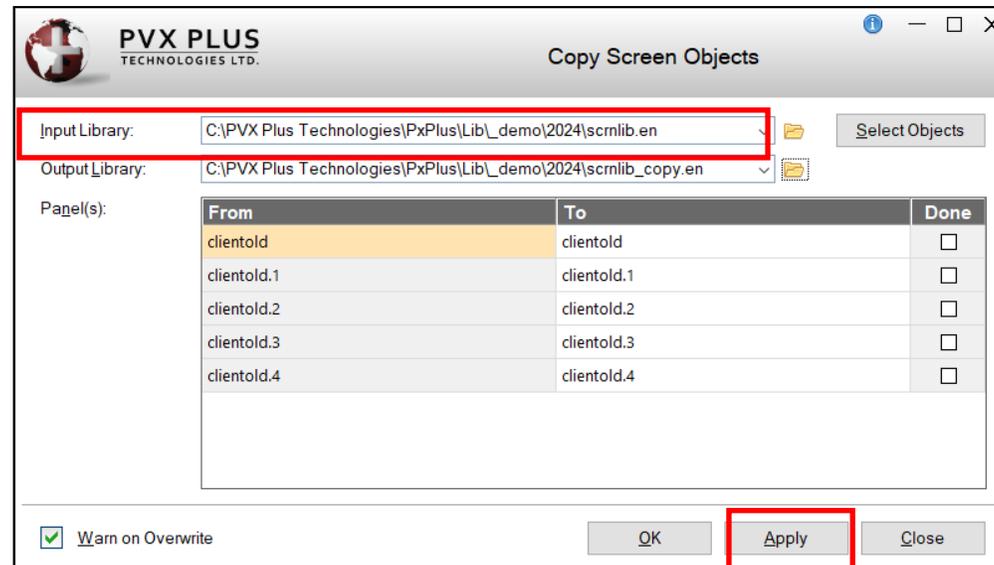
- Usability enhancements to [User Defined CTL Values](#) dialog
- Replaced old inputs and list box with a grid control to simplify input



COPY LIBRARY OBJECTS (2021)

COPY SCREEN OBJECTS DIALOG

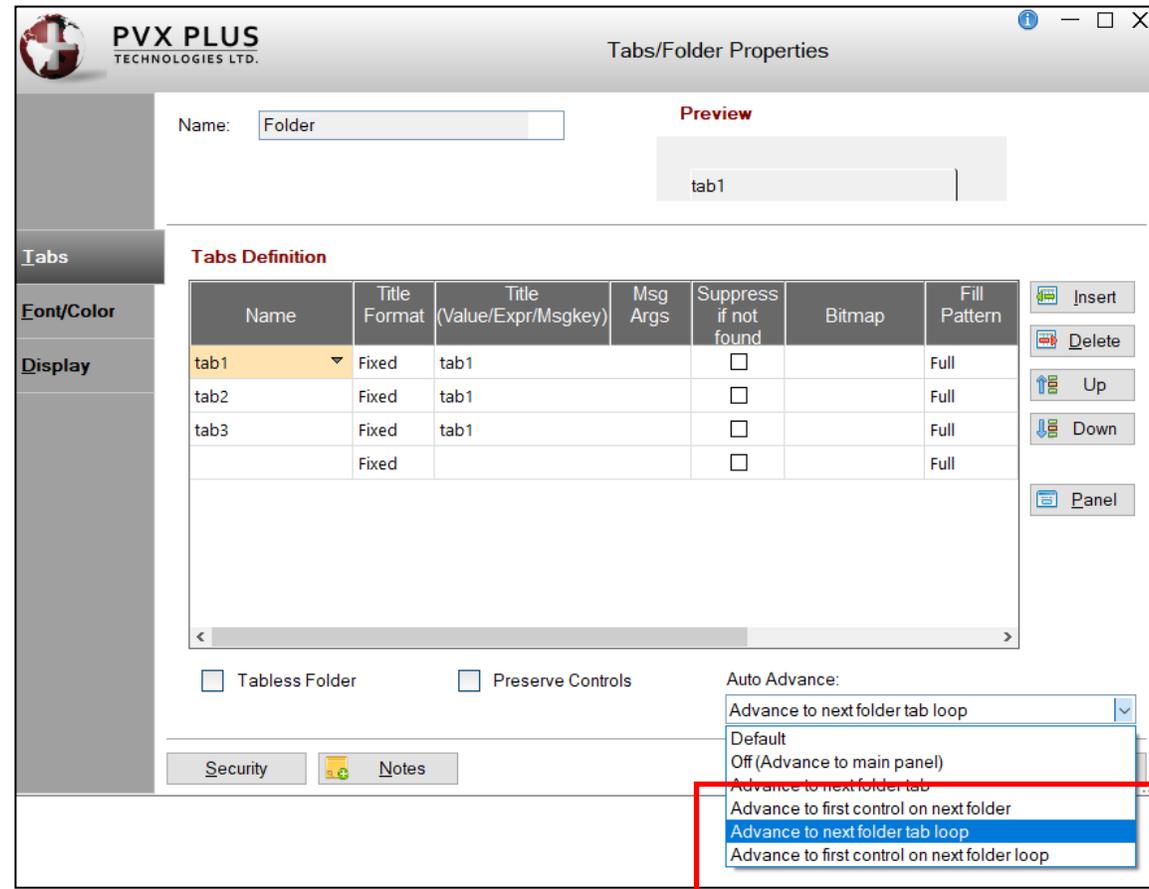
- [Copy Screen Objects](#) dialog accessed from Library Object Selection
 - Ability to specify different Input Libraries (multi-line was previously locked)
 - New **Apply** button allows consecutive copy operations without exiting



FOLDER ADVANCE OPTIONS (2021)

NEW OPTIONS

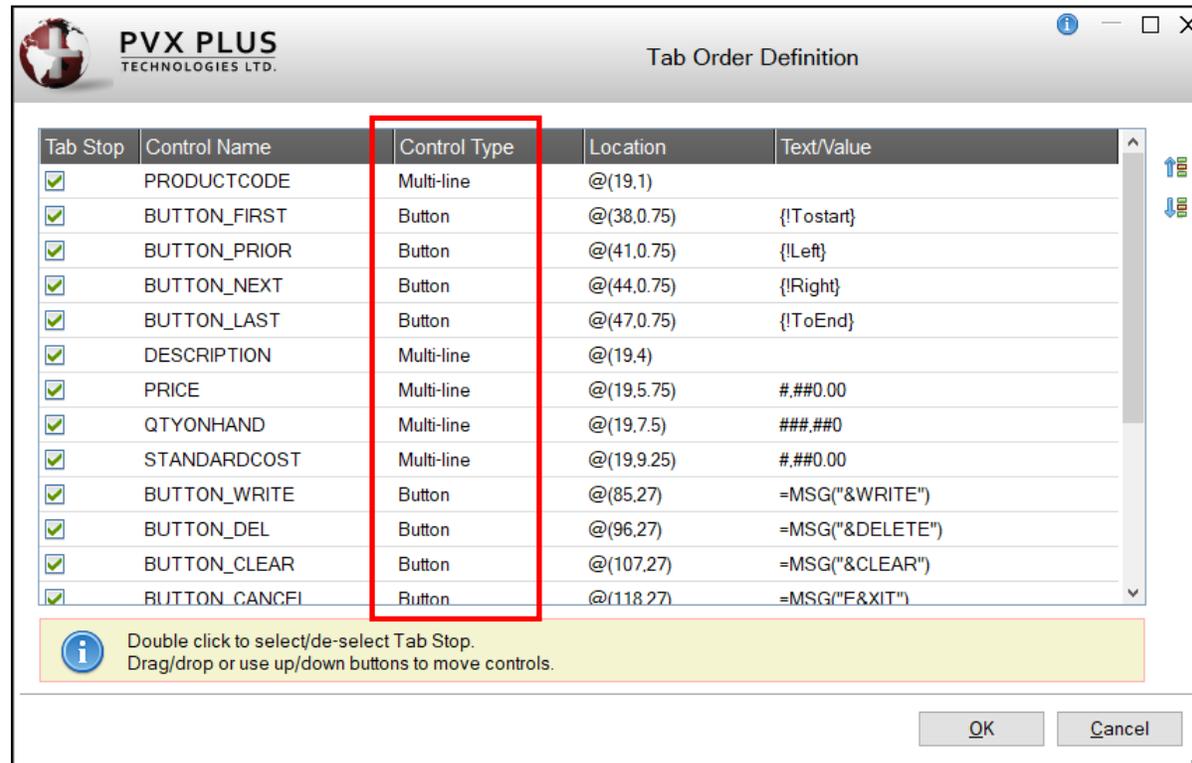
- 2 new **Auto Advance** options for [Folder Properties](#) tabbing behavior
- Advance to next folder tab loop
- Advance to first control on next folder tab loop



TAB ORDER DEFINITION (2023)

TAB ORDER DEFINITION

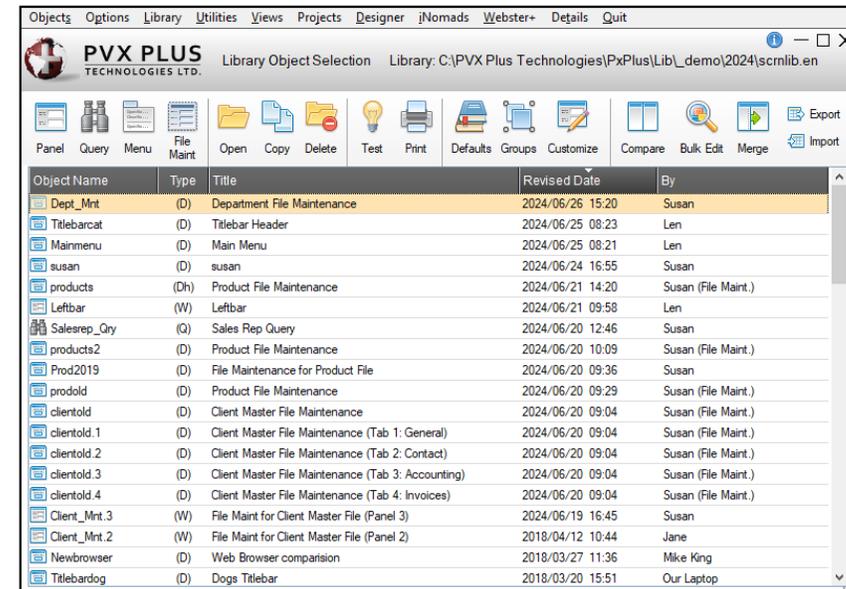
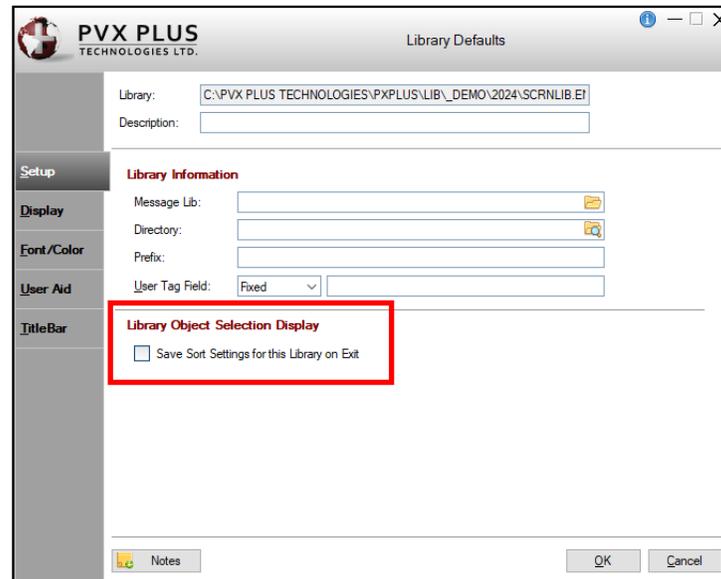
- **Control Type** column added to the [Tab Order Definition](#) dialog to help identify controls



LIBRARY OBJECT SELECTION SORT (2023)

NEW LIBRARY DEFAULTS SETTING

- Save Sort Settings for the Library on Exit check box



- Allows objects to initially appear sorted as they were when Library Object Selection was last exited (rather than by Object Name)
 - Newest changes at the top for example

PXPLUS WIKI APPLICATION DOCUMENTATION SYSTEM

- Web-based documentation system

NOMADS WIKI HELP

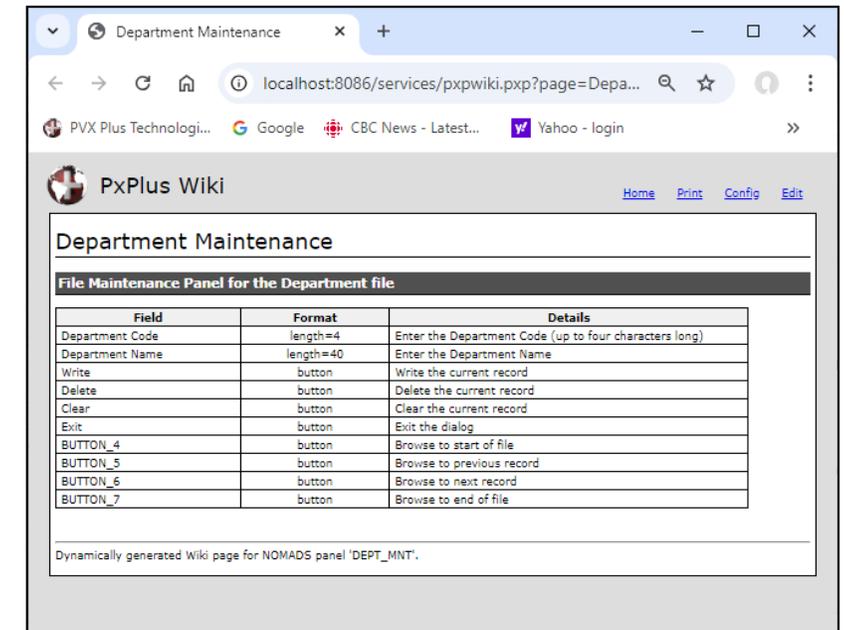
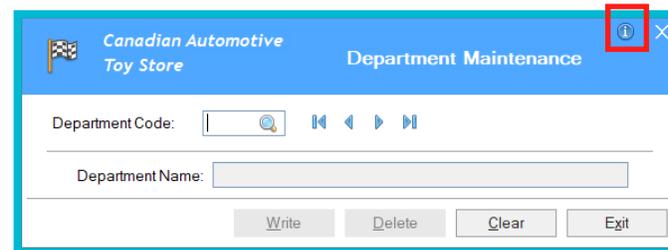
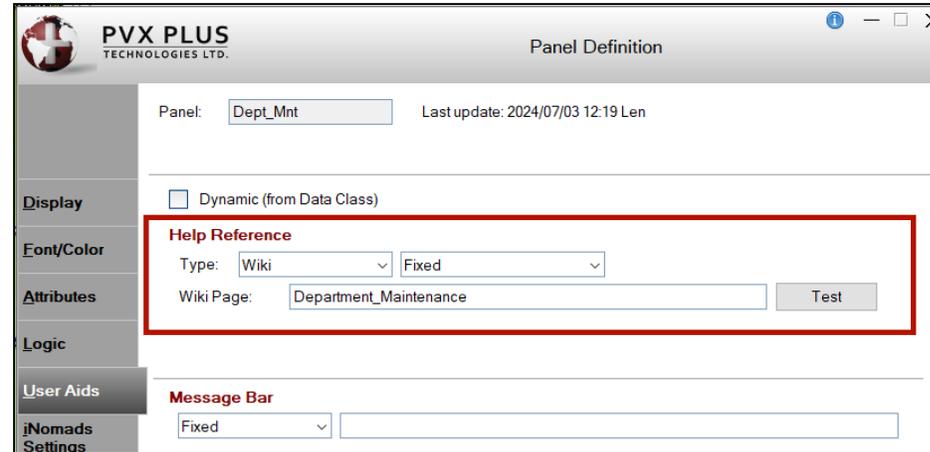
- The Wiki Help option in NOMADS generates Help documentation directly from a panel and displays it using the PxPlus Wiki
- A Webserver is required and the new NOMADS WikiURL\$ property must be set

```
%NOMADS'WikiURL$="localhost:8086"
```

DEFINING WIKI HELP

PANEL HEADER, USER AIDS TAB

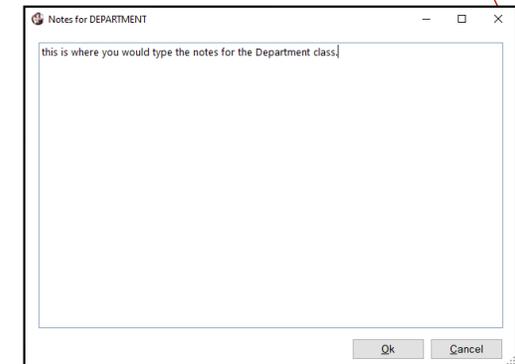
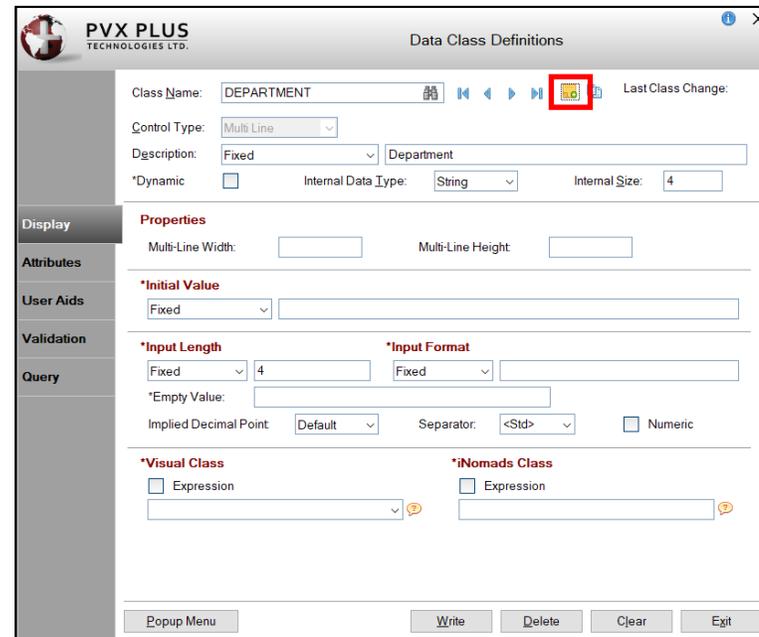
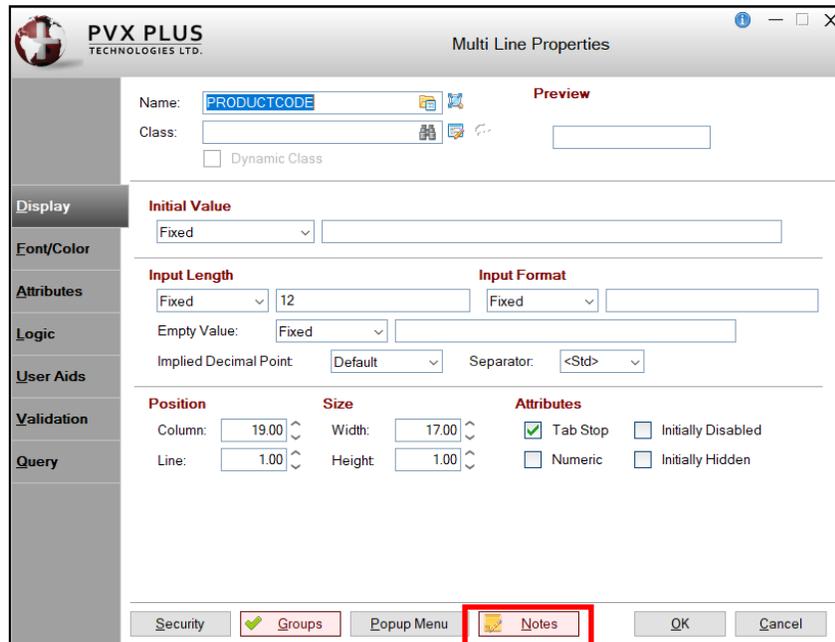
- Change the Help Reference Type to **Wiki**
- Wiki Page will default to the Panel Name (but can be changed)
- When panel is processed, invoke Help as usual by pressing the F1 key or by clicking the Help button (if applicable)



NOMADS WIKI HELP NOTES

NOTE INPUTS

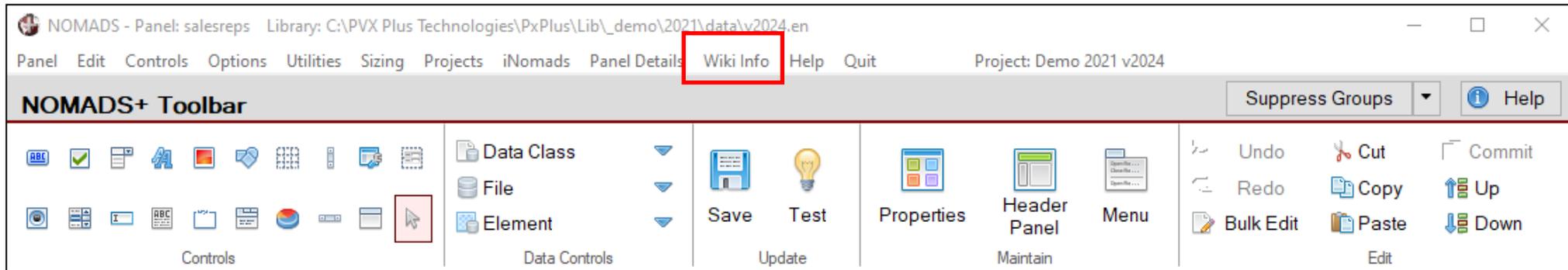
- NOMADS Wiki uses **Notes** (when available) for panel and control details
- Notes options were therefore added to all NOMADS controls and Data Classes



NOMADS WIKI INFO (2023)

WIKI INFO MENU

- Wiki Info added to panel Designer top Menu

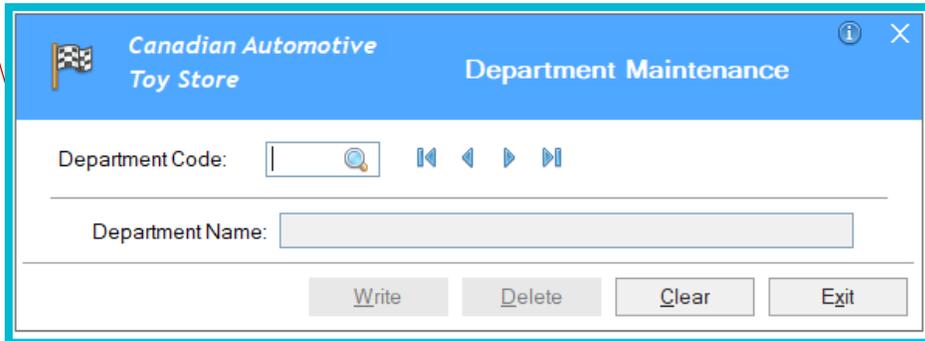


- Spawns EZWeb for the **PxPlus Wiki** using port 47587 (if not already running) and then displays panel information for the current NOMADS panel in a new tab on your default Web browser.

WIKI INFO EXAMPLE

EXAMPLE

- Information from NOMADS library file
- Information geared toward developers rather than end users



PxPlus Wiki [Home](#) [Print](#) [Config](#) [Edit](#)

Nomads Panel Library: C:\PVX Plus Technologies\PxPlus\lib_demo\2024\scrnlib.en

[Show Library](#)

Panel name: Dept_Mnt

Header Information

Title: Department Maintenance
Type: Dialog
Position: Column 6, Line 11
Size: Width 65, Height 8
Notes: File Maintenance Panel for the Department file

Panel Controls

| Control | Type | Position | Size | Description |
|----------------|-------------|----------------------|---------------------|---|
| BUTTON_4 | Button | Column 28, Line 0.75 | Width 3, Height 1.5 | Contents: {!ToStart_Blue} On Press:: Perform:"*win/flmaint;First_rec" Tip: =MSG("PRESS_1ST") Visual Class: BITMAPBUTTON |
| BUTTON_5 | Button | Column 31, Line 0.75 | Width 3, Height 1.5 | Contents: {!Left_Blue} On Press:: Perform:"*win/flmaint;Prior_rec" Tip: =MSG("PRESS_PRE") Visual Class: BITMAPBUTTON |
| BUTTON_6 | Button | Column 34, Line 0.75 | Width 3, Height 1.5 | Contents: {!Right_Blue} On Press:: Perform:"*win/flmaint;Next_rec" Tip: =MSG("PRESS_NEXT") Visual Class: BITMAPBUTTON |
| BUTTON_7 | Button | Column 37, Line 0.75 | Width 3, Height 1.5 | Contents: {!ToEnd_Blue} On Press:: Perform:"*win/flmaint;Last_rec" Tip: =MSG("PRESS_LAST") Visual Class: BITMAPBUTTON |
| Fonted_text_0 | Fonted Text | Column 3, Line 1 | Width 14, Height 1 | Contents: Department Code: |
| DEPARTMENTCODE | Multi Line | Column 18, Line 1 | Width 8, Height 1 | Max length: 4 Post Display: Execute:_KEYDEF\$="DepartmentCode\$",_NUMDEF\$="" ,_REQD\$="DepartmentName\$," ,_REQD_PNL\$="0" On Focus: Perform:"*win/flmaint;Check_changes" On Change: Perform:"*win/flmaint;Find_rec" Query panel: Dept_qry in scrnlib.en |

SYSTEM DEFAULTS (2024)

PVX PLUS
TECHNOLOGIES LTD.

System Defaults

Panel Library Information

Language Suffix: (Library Suffix - e.g. *.en)

Alternate Suffixes: (Comma-separated - e.g. en,fr,es)

Toolkit Theme:

Visual Effects

Display:

Panel Setup Defaults

Column: Width:

Line: Height: Suppress .VAL

Grid Definition Defaults

No Grid Quarter Full Line Half

Pathnames

Simple Relative Absolute

Pathname Case

Asis Lower Upper

OK Cancel

SYSTEM DEFAULT SETTINGS

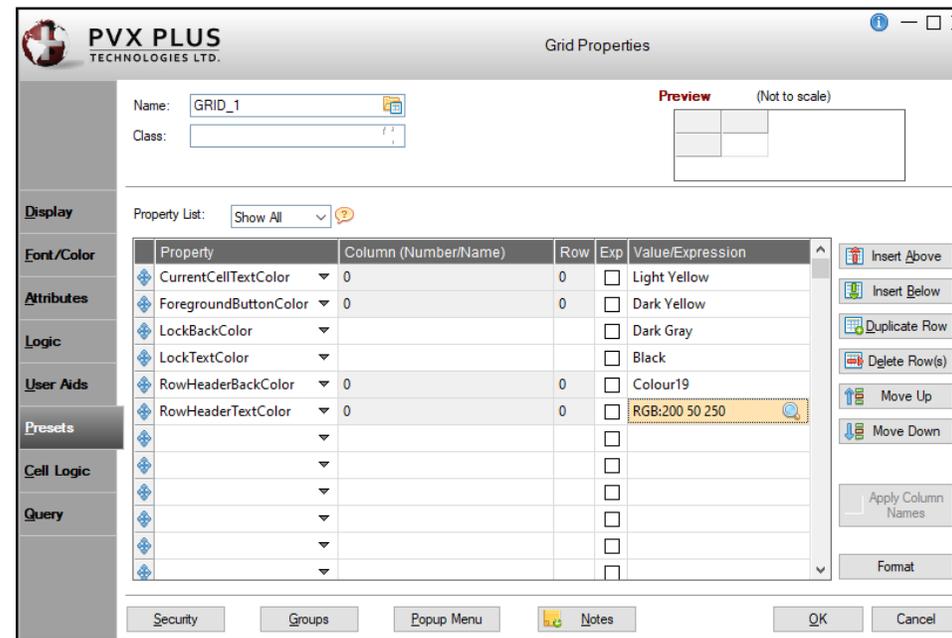
- New **Toolkit Theme** setting
 - *None
 - *Dark
 - *Light
 - Saved by project
- Visual Effects Display now defaults to **4D**

See 'Application Look and Feel'
PDF for more details

GRID PRESETS (2024)

GRID PRESETS DIALOG

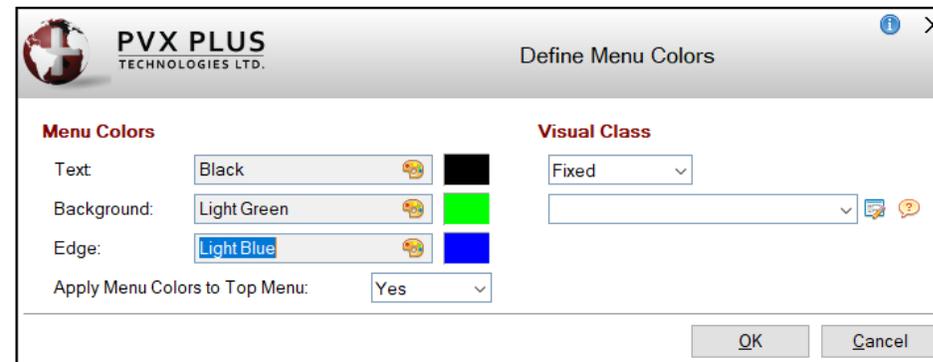
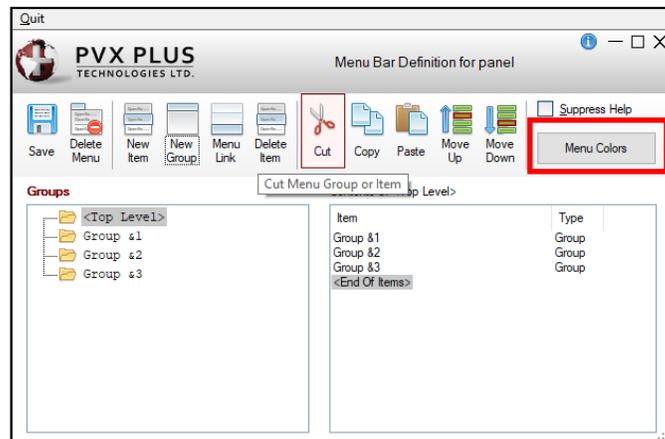
- 6 New Properties added to Grid Presets to support 'look and feel' changes
 - CurrentCellTextColor\$
 - ForegroundButtonColor\$
 - LockBackColor\$
 - LockTextColor\$
 - RowHeaderBackColor\$
 - RowHeaderTextColor\$



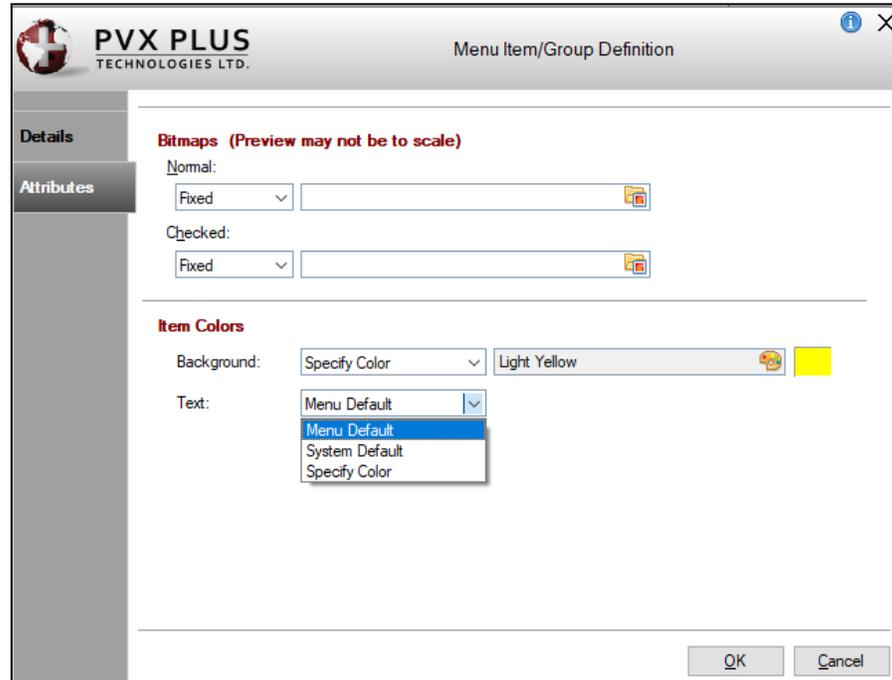
MENU BAR/POPOPUP MENU (2024)

MENU DEFINITIONS

- Enhancements for defining [Menu Colors](#) using [Menu Bar Definition](#) dialogs
- **Menu Colors** button
 - Added **Text** color and **Visual Class**
 - New **Apply Menu Color to Top Menu** drop box not available for Popup Menus



MENU ITEM COLORS



MENU ITEMS

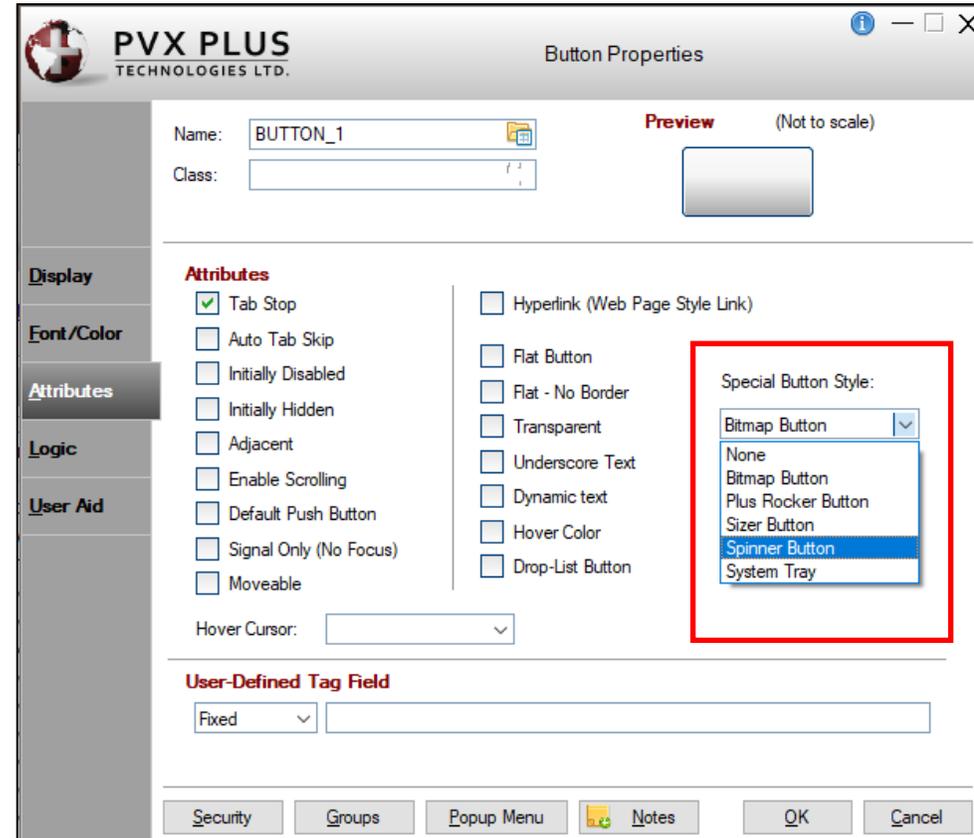
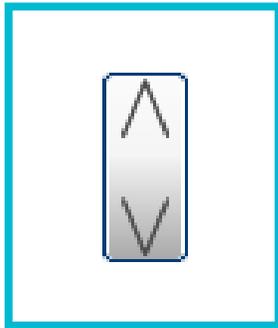
- Individual Menu Items can also be assigned colors if desired
- Added **Text** Item Color



SPINNER BUTTON (2024)

BUTTON PROPERTIES

- Added **Spinner Button** Attribute for Button controls
- Re-configured Attributes
 - Created Special Button Style drop box
 - Only 1 should apply



DO NOT EXTEND TAB WIDTH (2024)

FOLDER PROPERTIES / DISPLAY TAB

- New **Do Not Extend Tab Width When Active** check box added for Sidebar folders

Canadian Automotive Toy Store

Client ID: 000000

General

Contact

Accounting

Name:

Address:

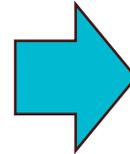
Address:

City:

Zip code/Postal Code:

State / Province:

Country:



Canadian Automotive Toy Store

Client ID: 000000

General

Contact

Accounting

Name:

Address:

Address:

City:

Zip code/Postal Code:

State / Province:

Country:

DYNAMIC BUTTON TEXT (2024)

BUTTON ATTRIBUTES

- New *Dynamic Text* attribute for [Button Controls](#)
 - Control text via control string variable name (such as BUTTON_1\$)



`BUTTON_1$="NEW BUTTON TEXT"`



`refresh_flg` or `Auto Refresh Header` attribute **required**