

IDE and NOMADS Enhancements

DireXions 2026

Overview

- Added new attributes to NOMADS controls
- New properties for Themes and Visual Classes
- New attributes added to applicable Data Class control types
- Refreshed the Dark and Light mode Toolkit Themes using the new properties
- Updated the Light mode interface
- Added rounded corners to all Toolkit dialogs. Not inclusive to Light or Dark mode themes.
- Improved rendering of rounded Rectangle Shapes with GDI+ support
- Updated the Progress Bar to use the rounded Rectangle Shape

Screen Designers

Controls with New Attributes – Added to all three designers

Control	Attribute
Button	Corner Radius
Check Box	Corner Radius
Drop Box	Corner Radius
List Box	Corner Radius. Except for Report View, Variable List Box

Screen Designers

Controls with New Attributes – Added to all three designers

Control	Attribute
Multi-Line	Corner Radius Vertically Center Text
Radio Button	Corner Radius
External Control - .NET	Browse System DLLs Button DLL Name Dropbox – Fixed/Expression

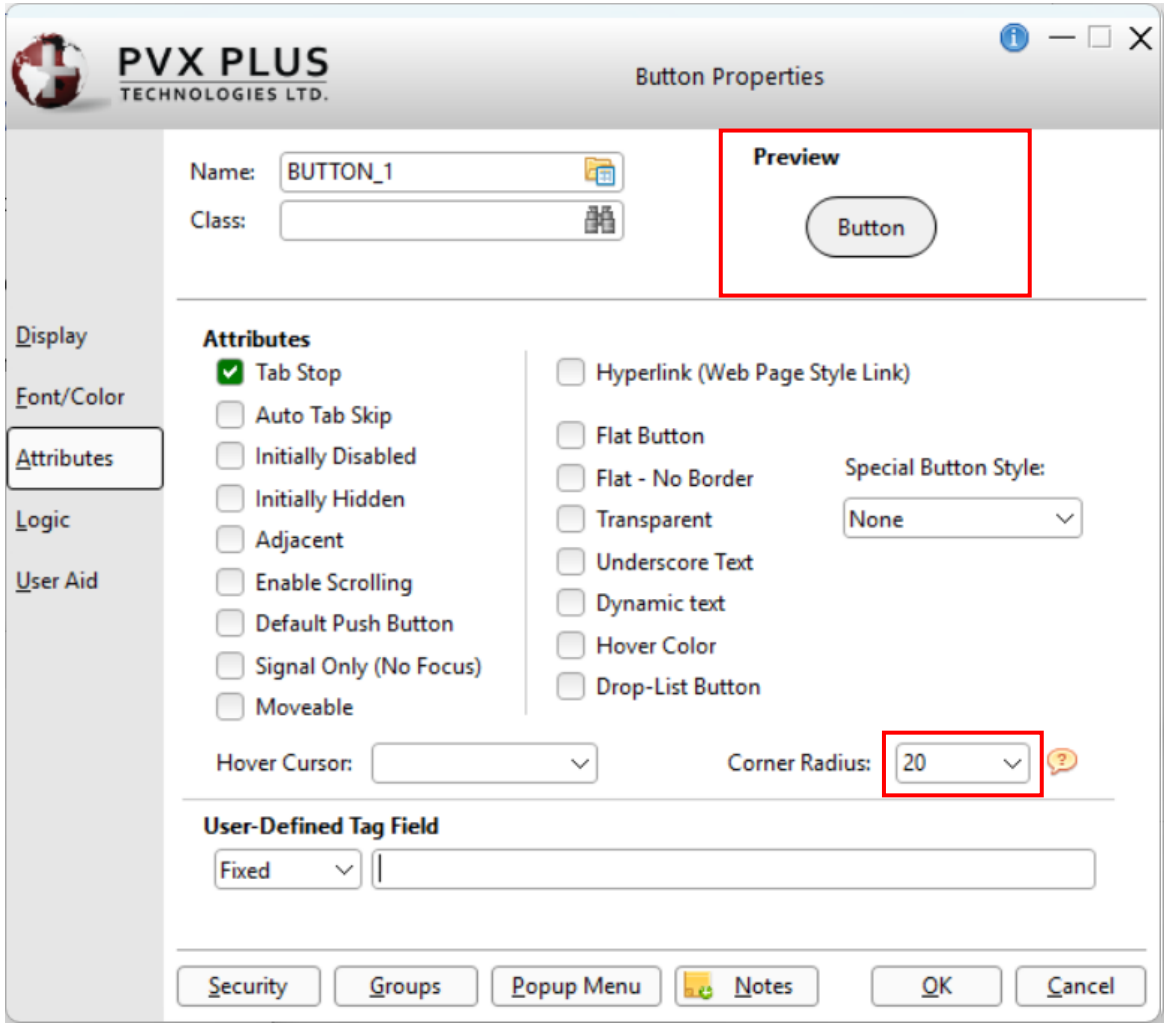
Screen Designers - Corner Radius

- New Variable Drop Box attribute added to the attributes tab for each applicable control
- Info tip for each control
- Works only in 4D mode
- Attribute values are available for each control type
    - Null - Property is not set
    - Value - Enter a value from 0 to 255 inclusive. Depends on control type
    - Round - Sets the default radius of 3 for round corners
    - Square - Sets the default radius of 0 for square corners

Note: Corner rounding is limited based on the control type and/or the control size

Button Control

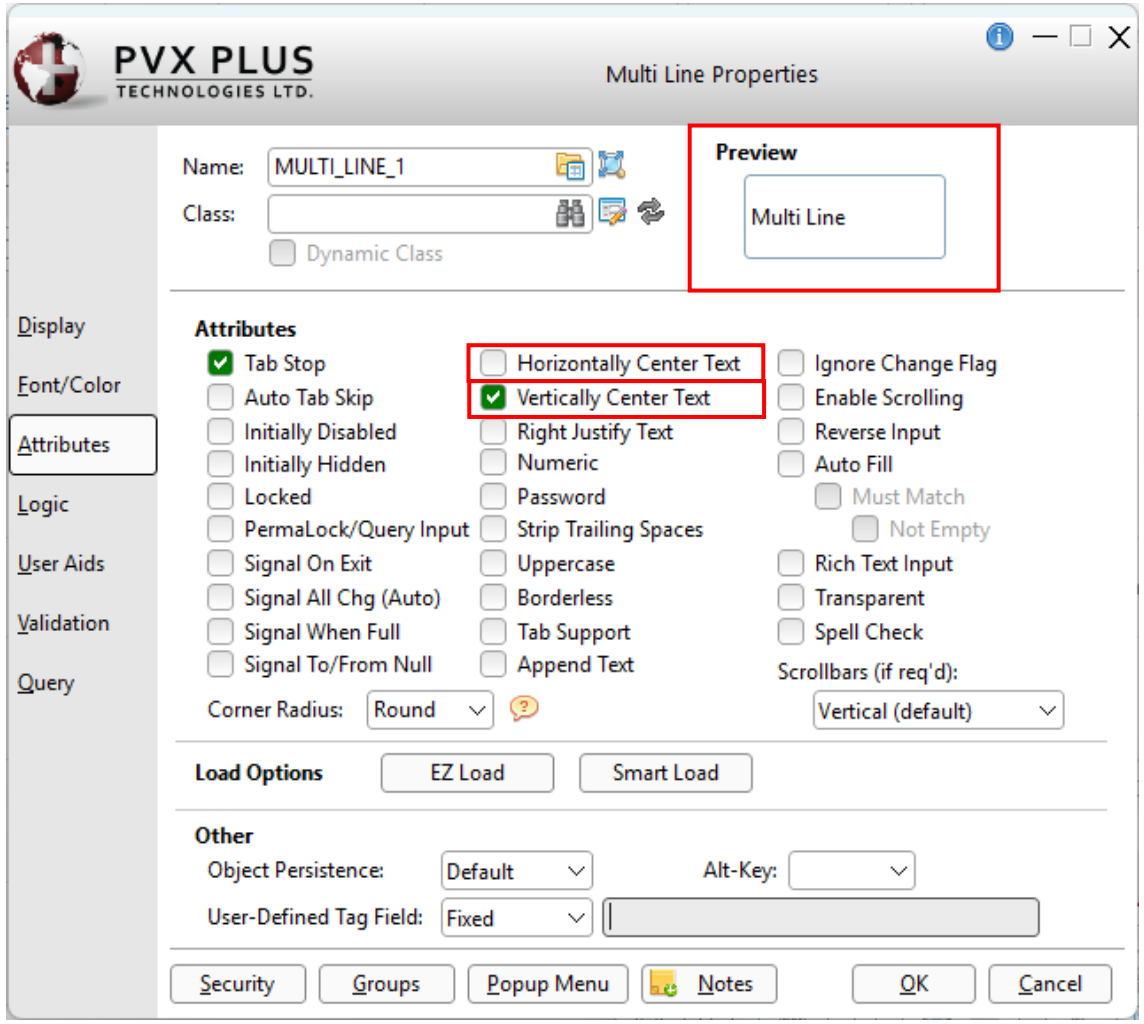
- New corner radius Variable Drop Box added to attributes tab
- Variable Drop Box has 4 selections – square, round and a null value
- A value can also be entered
- Preview will display the corner radius set



Using NOMADS+ / Folder Style screen designer – Light Mode

Multi-Line Control

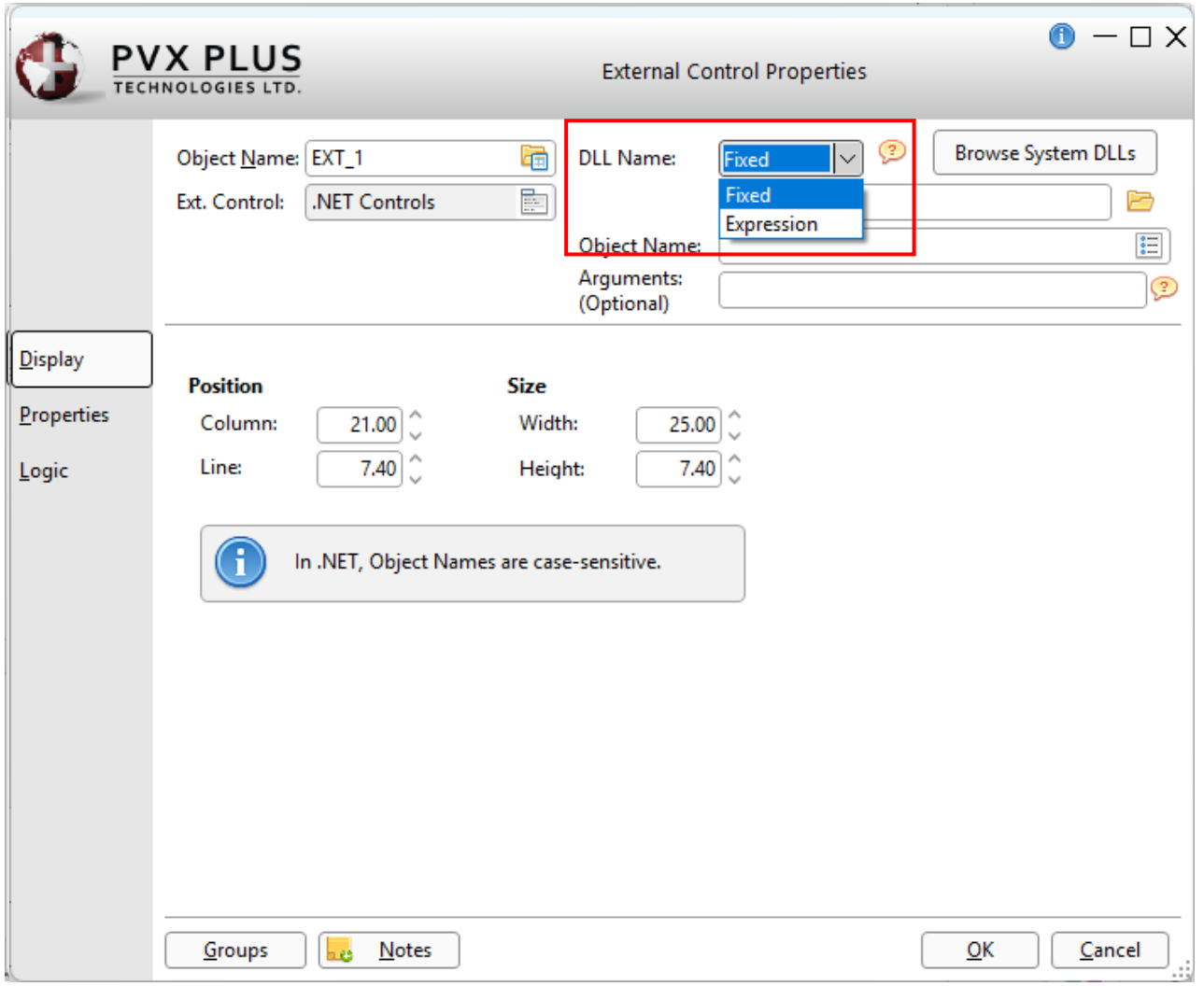
- New corner radius Variable Drop Box added to attributes tab
- Added Vertically Center Text check box
- When checked it will center the text within the Multi-Line
- Preview will display the centered text
- Renamed Center Text check box to Horizontally Center Text



Using NOMADS+ / Folder Style screen designer – Light Mode

External Control

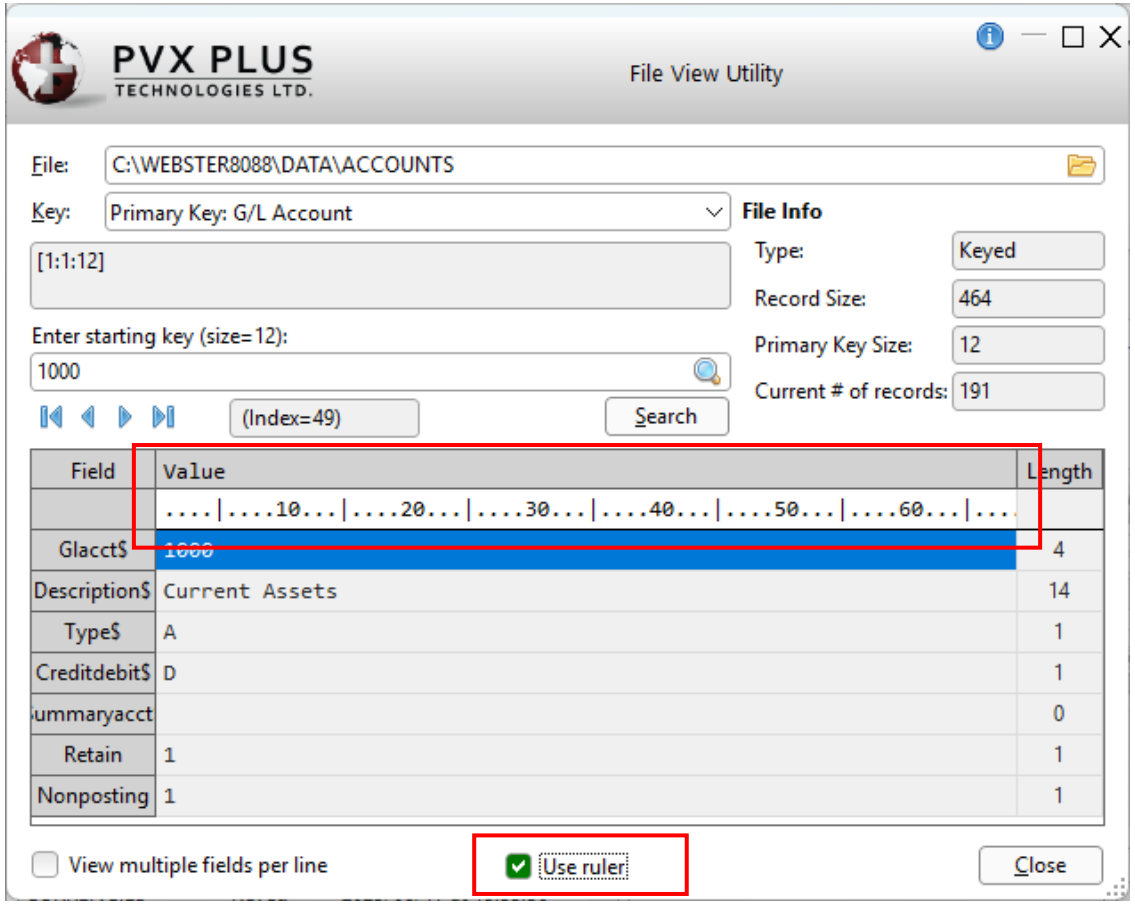
- New features for .NET Controls
  - Added a Browse System DLLs button
  - When selected it can be used to select a System DLL and object
  - Ability to enter an expression for both the DLL name and Object name

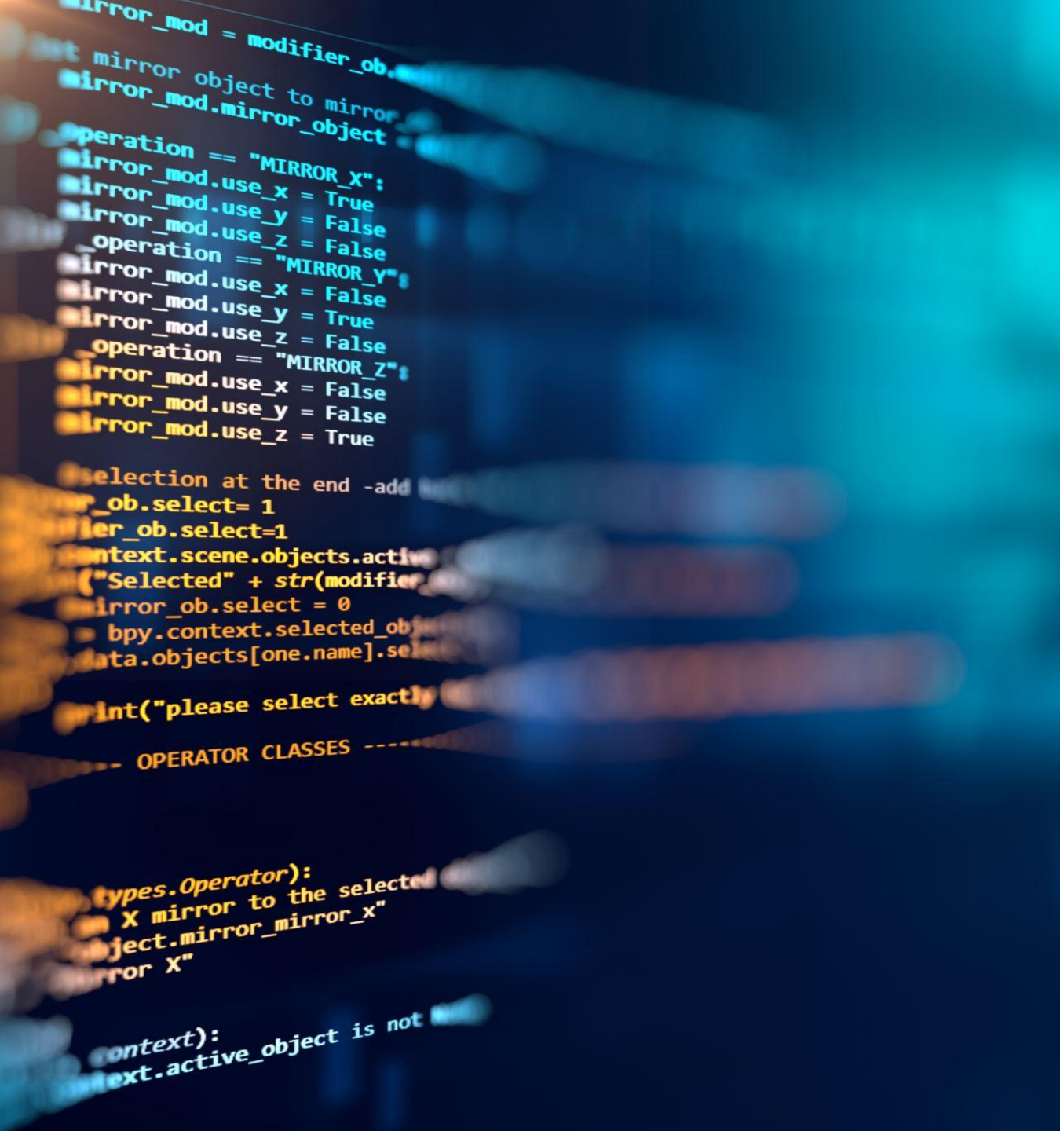


Using NOMADS+ / Folder Style screen designer – Light Mode

File View Utility

- The **File View Utility** is used to view data within a data file
- Two new features were added
  - Ability to copy the data in the grid by double clicking in the Value cell
  - Added a User Ruler checkbox to indicate character positioning with the Value column by adding a ruler and changing font to fixed





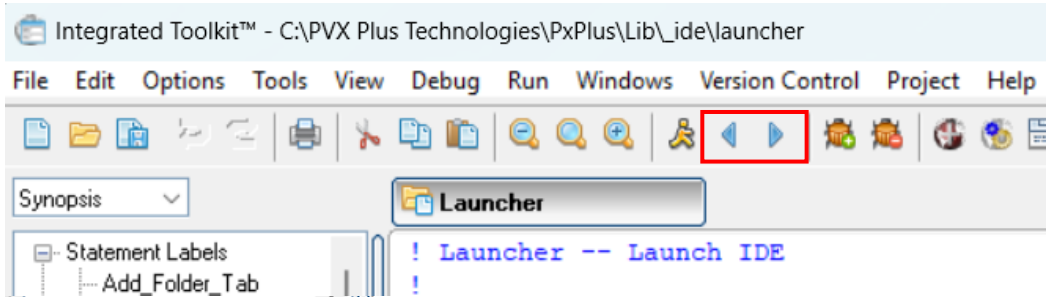
What's New In PxPlus 2026

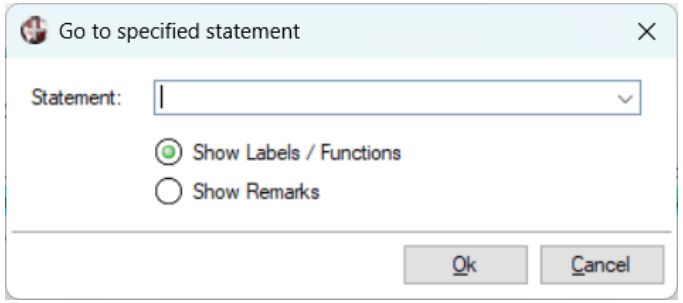
Editor Changes

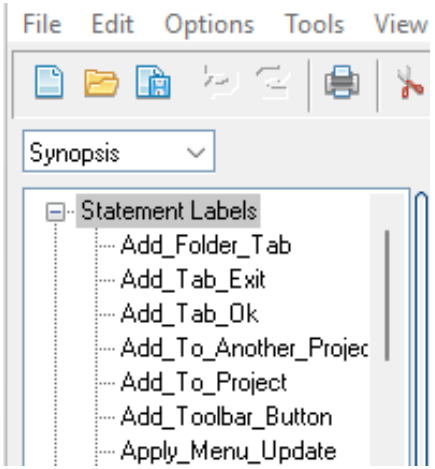
*IT Editor

Enhanced GoTo Navigation

- Replaced old Toggle button
- New Previous and Next GoTo Location toolbar buttons
- Navigate backward and forward through multiple previously visited GoTo program locations
- GoTo history includes locations entered using Goto dialog or selected from Statement Labels and line numbers
- Makes it easier to move between different areas of a program while reviewing and editing code



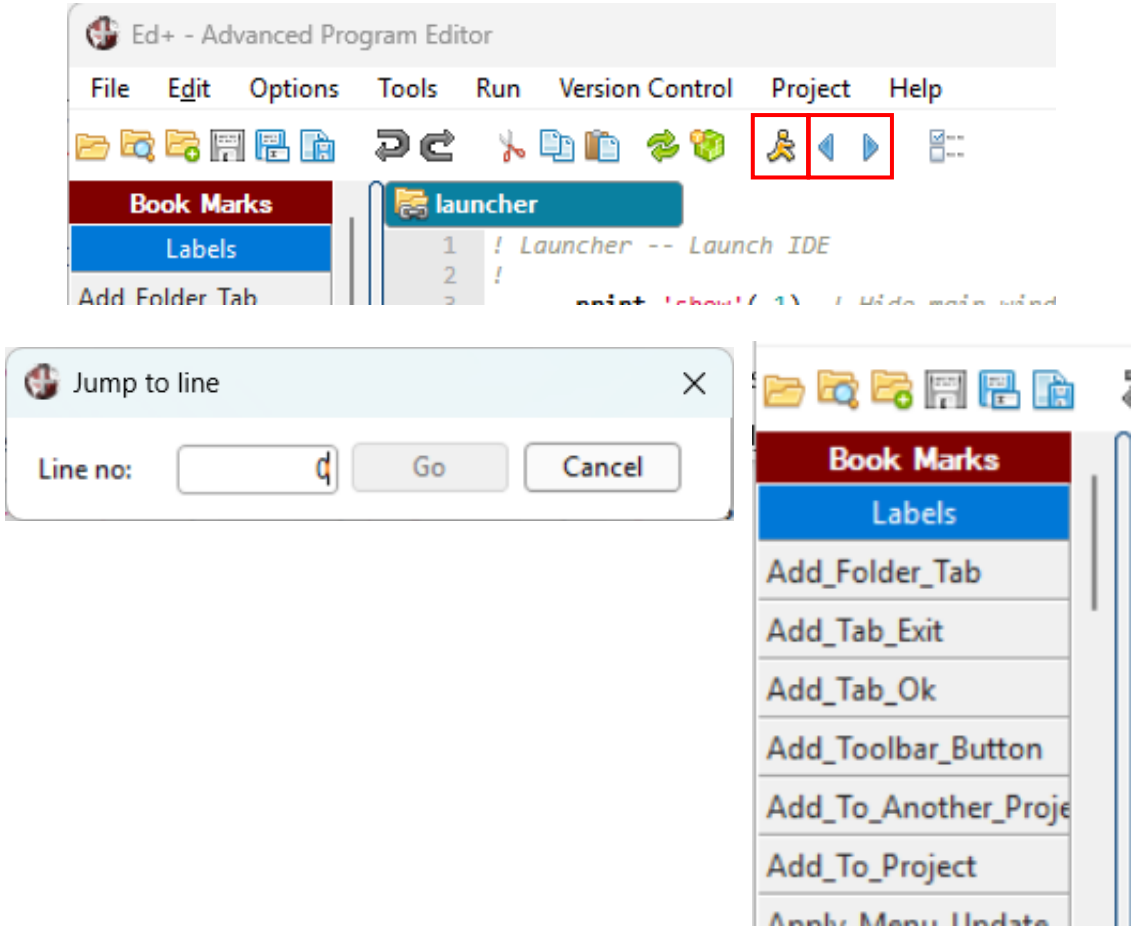




ED+ Editor

Improved GoTo Navigation

- To the toolbar a new GoTo button was added
- New Previous and Next GoTo toolbar buttons
- Quickly move backward and forward through multiple recent GoTo program line numbers and statements/labels
- Tracks locations selected by line number from the Goto dialog and Book Marks labels
- Makes navigating between different areas of a program faster and easier



ED+ Editor

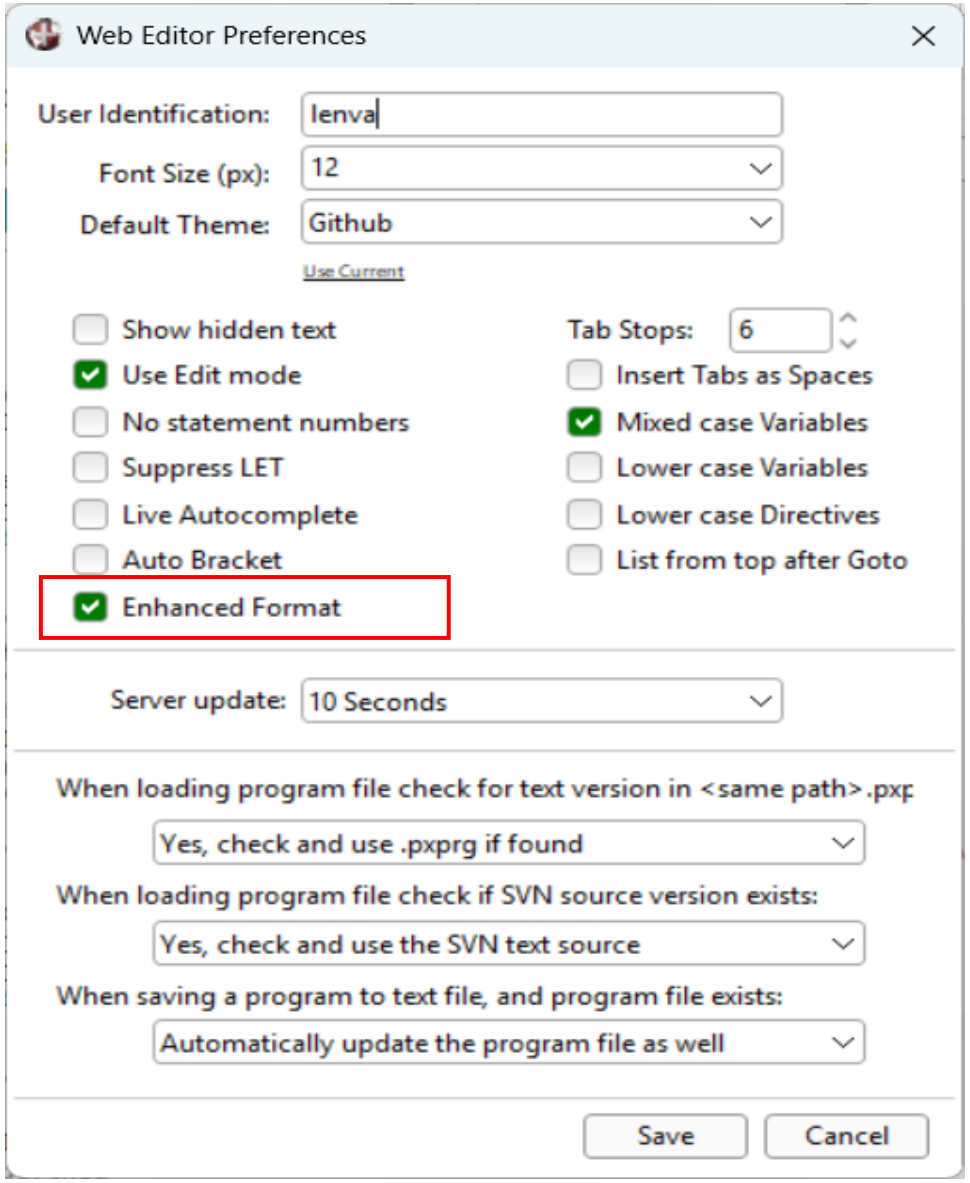
Enhanced Format Option

- New option to automatically reformat programs without line numbers when loaded
- Applies better indentation for cleaner, more readable code
- Previously you needed to manually select the Reformat button



- New Enhanced Format option is available in the Web Editor Preference dialog



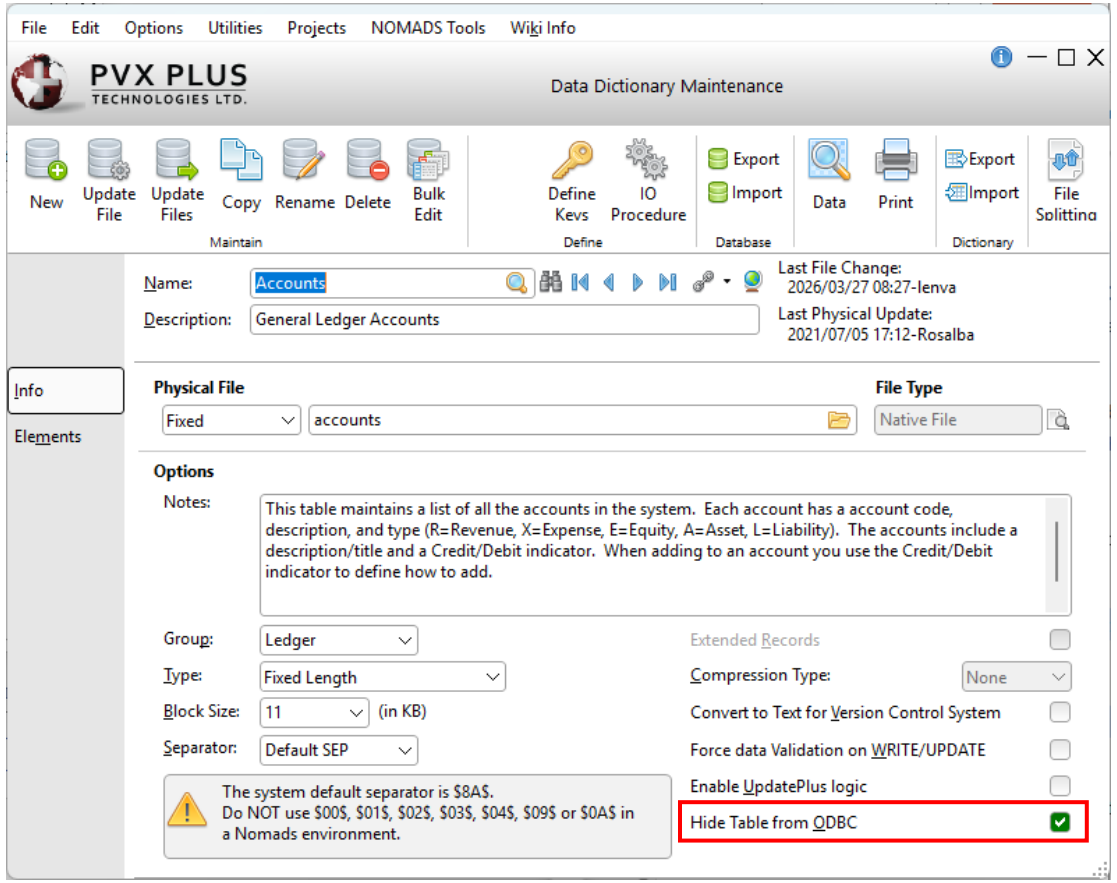


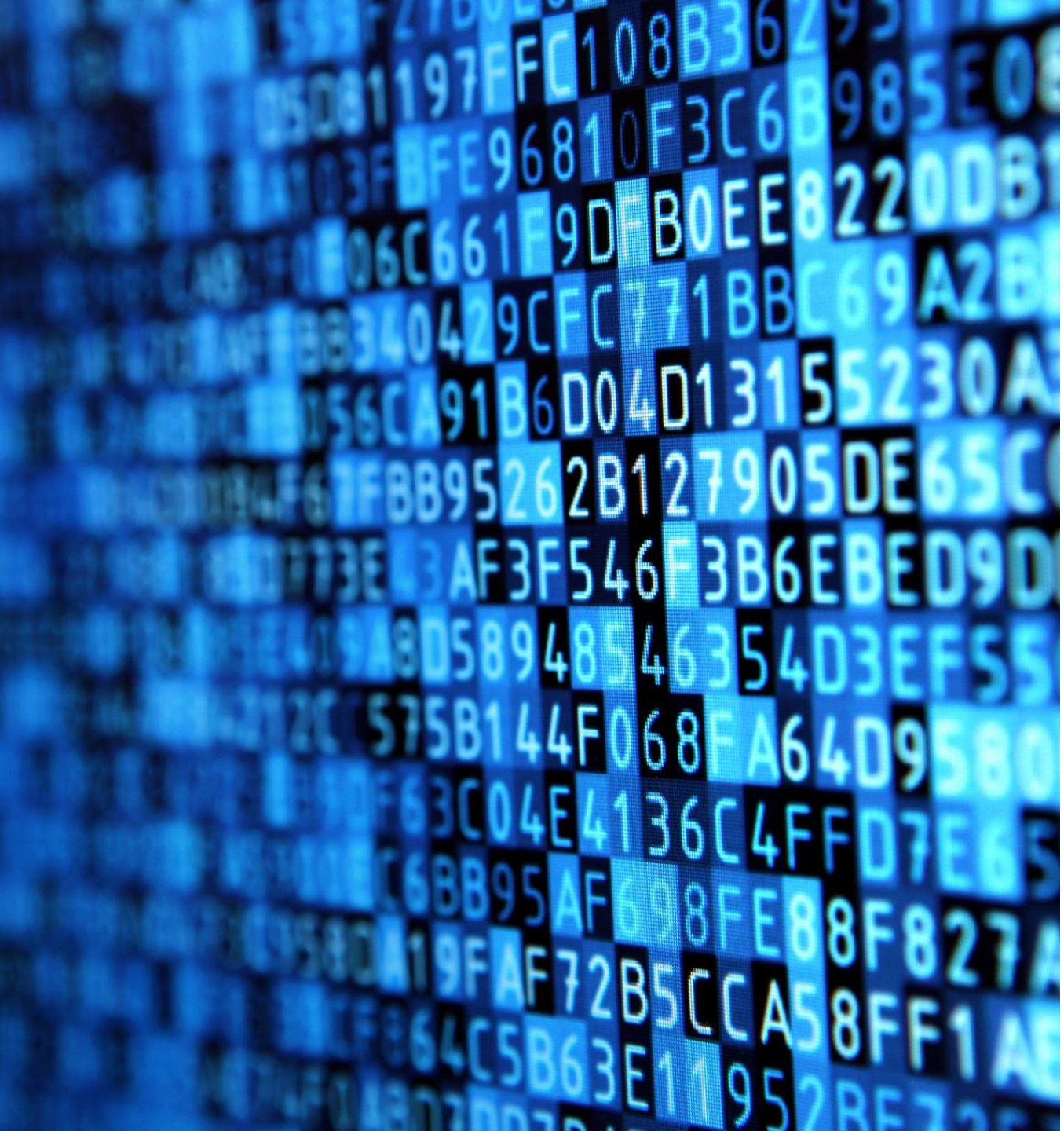


Data Dictionary and ODBC Enhancements

Data Dictionary and ODBC Enhancements

- **Data Dictionary Maintenance**
  - New Hide Table from ODBC option to exclude selected native PxPlus tables from the ODBC driver file list
  - Hides tables without having to prefix the logical table name with an asterisk (*), avoiding potential impacts to existing queries and other references
- **ODBC**
  - Added support for the new setting, allowing tables to be excluded from ODBC access





Themes and Visual Classes

Themes and Visual Classes

- Themes provide consistent styling across controls of the same type across panels
- Visual Classes provide more specific styling for individual controls
- Visual Classes can override Theme settings
- Working together, they provide a flexible and consistent approach to application modernization
- Copy Theme utility makes it easy to copy existing Themes and Visual Classes for creating and customizing your own application themes
- Use the utility to create your own Dark and Light mode themes based on the PxPlus system Toolkit themes

Themes/Visual Classes

Button Properties

Property	Description
Corner Radius	Sets the corner radius for Button controls
Focus Rectangle	Controls whether a dotted focus rectangle displays around the Button text

Themes/Visual Classes

Check Box Properties

Property	Description
CB Corner Radius	Sets the corner radius for standard Check Box controls
Corner Radius	Sets the corner radius for Check Box controls created as buttons when an image is added
Focus Rectangle	Controls whether a dotted focus rectangle displays around the Check Box text

Themes/Visual Classes

Drop Box Properties

Property	Description
Corner Radius	Sets the corner radius for Drop Box controls
Field Height	Sets the height of the drop box input and drop area (in pixels)
Focus Rectangle	Controls whether a dotted focus rectangle displays around the Drop Box selected text

Themes/Visual Classes

Folder Properties (all types)

Property	Description
Tab Corner Radius	Sets the corner radius for folder tabs
Tab Focus Rectangle	Controls whether a dotted focus rectangle displays around the folder tab

Themes/Visual Classes

List Box Properties

Property	Description
Corner Radius	Sets the corner radius for List Box controls. Except for Report View and Variable List Box
Focus Rectangle	Controls whether a dotted focus rectangle displays around the List Box row. Except for Variable List Box

Themes/Visual Classes

Multi-Line Properties

Property	Description
Corner Radius	Sets the corner radius for Multi-Line controls
Vertically Center Text	Centers text vertically within Multi-Line controls
Horizontally Center Text	Previously named Center Text

Themes/Visual Classes

Radio Button Properties

Property	Description
Corner Radius	Sets the corner radius for Radio Button controls created as buttons when an image is added
Focus Rectangle	Controls whether a dotted focus rectangle displays around the Radio Button text

Themes/Visual Classes

Shape-Rectangle Properties

Property	Description
Rounded Corner Radius	Sets the radius value for rounded corners for a rectangle shape

Themes/Visual Classes

Tri-State Check Box Properties

Property	Description
CB Corner Radius	Sets the corner radius for standard Tri-State Check Box controls
Corner Radius	Sets the corner radius for Tri-State Check Box controls created as buttons when an image is added
Focus Rectangle	Controls whether a dotted focus rectangle displays around the Tri-State Check Box text

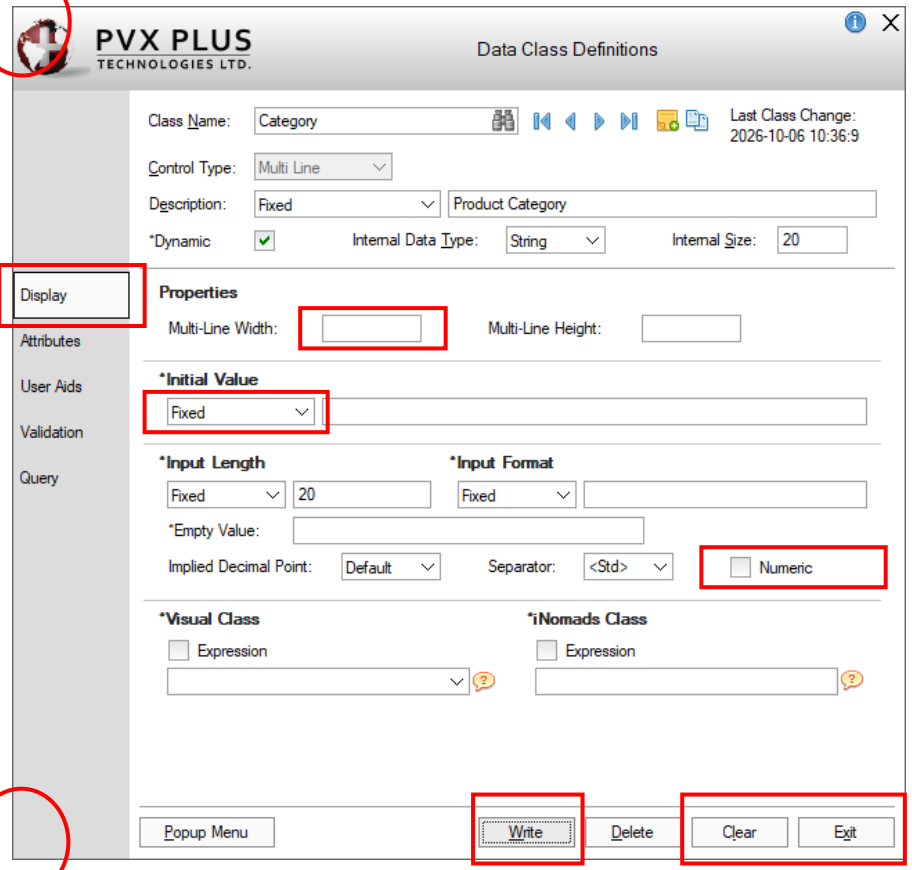
Themes/Visual Classes

Variable Drop Box Properties

Property	Description
Corner Radius	Sets the corner radius for Variable Drop Box controls
Field Height	Sets the height of the drop box input and drop area (in pixels)

Toolkit Modernization

PxPlus 2025



Rounded corners to all toolkit dialogs

Light & Dark Mode

Rounded Controls

Buttons

Check Boxes

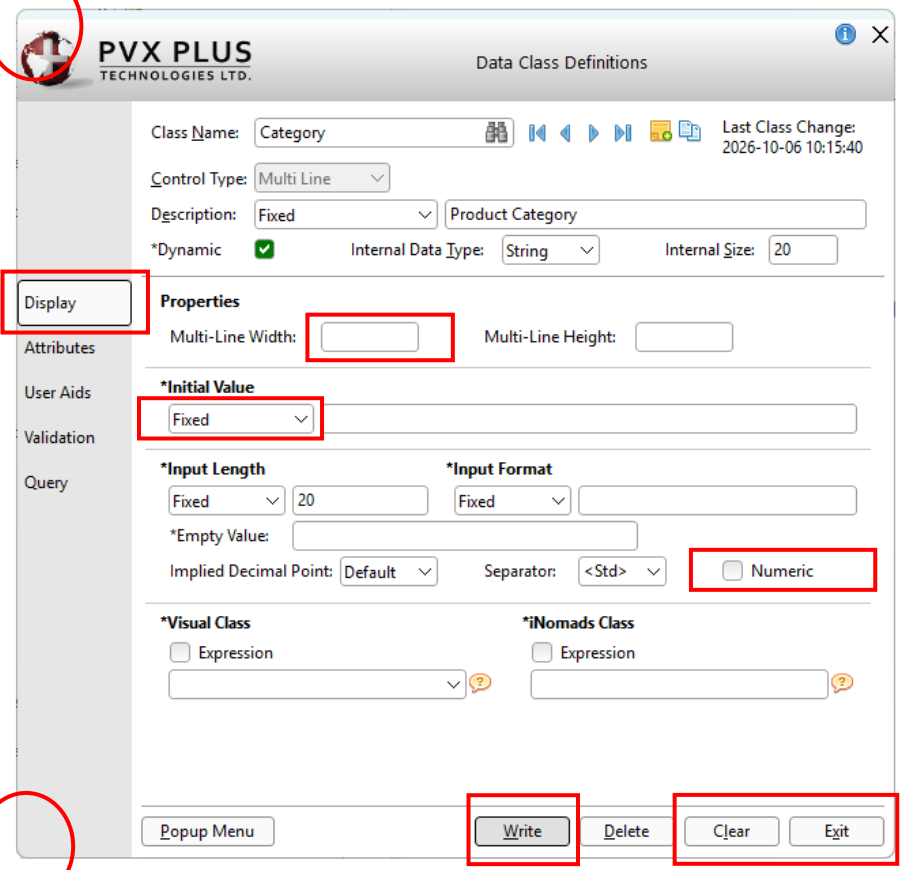
Drop Boxes

Multi-Lines

Folder Tabs

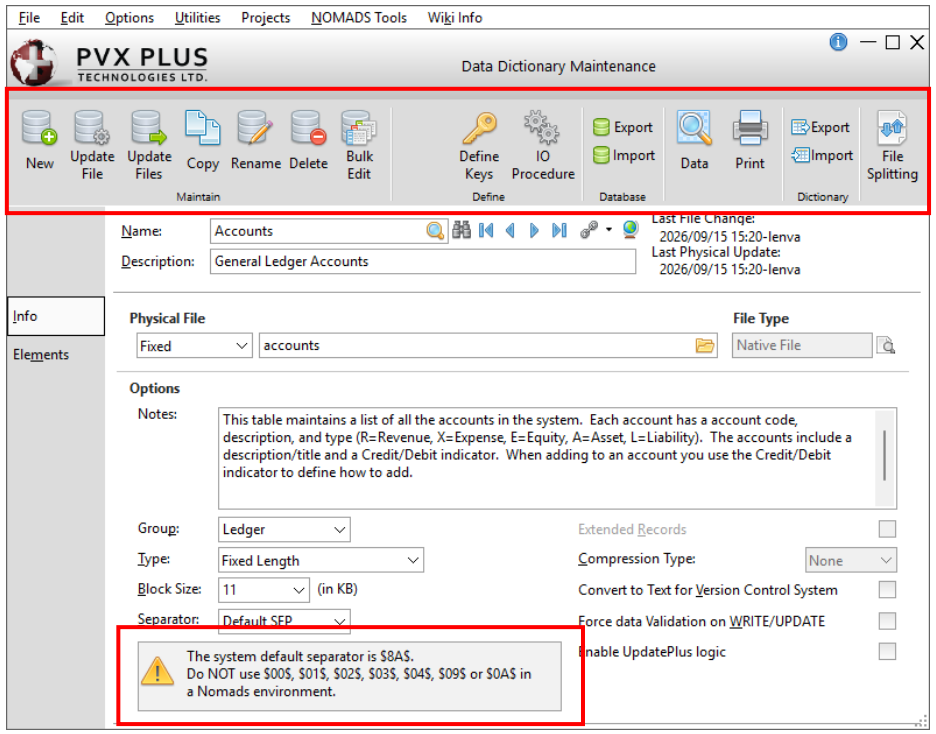
Focus Rectangle

PxPlus 2026



Toolkit Modernization

Data Dictionary PxPlus 2025



Light Mode Theme

Tool Bar

Message Areas

Data Dictionary PxPlus 2026

