

New User Interfaces

PxPlus 2016 (v13)



New User Interfaces

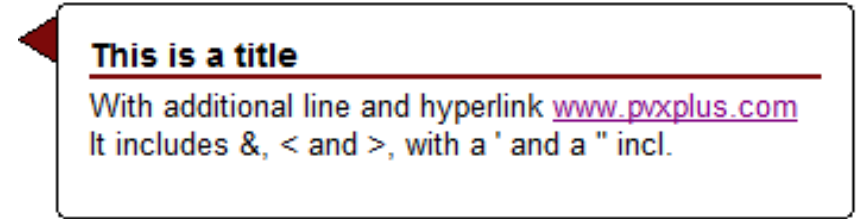
- Enhanced tips
- Dynamic system menus
- Custom MSGBOX buttons
- List View control improvements

PxPlus 2014 FP1



Enhanced Tips

- New look enhanced tips
 - Allows Full HTML within tip
 - Floats to the side of control
 - Supported in iNomads
 - Maybe modified by user
 - Custom color using 'OPTION' ("TipArrowColor", xxx)
 - Color change effects arrow head and underline



Enhanced Tips

- HTML based TIP contents
 - Identified with first character being a <
 - May contain full HTML or just sections
 - <h1> tag used to define header line(s)
 - References to <http://localfile/filename> can be used for 'local' files
 - Will be adjusted based on prefix rules etc.
 - <!--html=<http://sample.com/xxx>--> will load specified URL
 - All hyper links will be forced to external browser
 - System will insert **target="blank"**



Enhanced Tips

- Text based TIP contents
 - To use extended Tip format, start/end first line with asterisk and set system parameter **'TC' = -2** *(default)*
 - First line will be treated as Header line
 - Multiple lines separated by \$0A\$ or SEP
 - Embedded hyper links allowed using
 - Standard text format used if first line does not start/end with asterisks or 'TC' not = -2
 - System will BOLD first line, if enclosed in asterisks



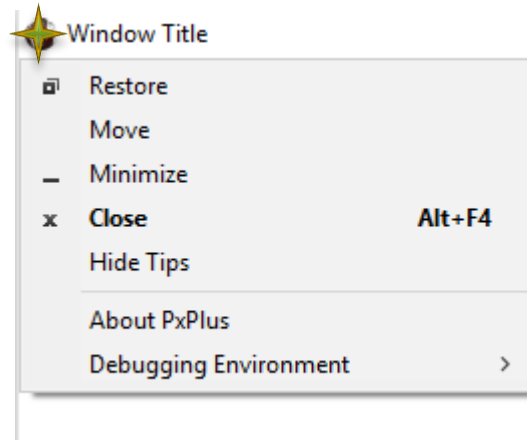
Enhanced Tips

- Using enhanced tips in our demo application
 - Simple description of field contents
 - Display of image for related item
 - Display of web pages (map)



Dynamic System Menus

- What is the System Menu?
 - System menu is menu shown in response to clicking in top left corner of window or pressing ALT-SPACE



Dynamic System Menus

- INI option available since version 5
 - Limit of ten (10) system menus
 - Setting consists of:
 - `menutext=ctl_value`
 - `menutext` is what is displayed in System menu
 - `ctl_value` is CTL that will be generated when item selected
 - Menu appears on all Dialogue style windows and on main programming window



Dynamic System Menus

- PxPlus 2016 allows setting outside of INI using

```
SETDEV (0) SET "SysMenunn" TO "MenuText=ctl_value"  
PRINT 'OPTION'("SysMenunn", "MenuText=ctl_value")
```

- If 'ⁿⁿ' omitted, system uses first undefined system menu slot.
- Setting Sysmenu to "" removes the menu entry



Dynamic System Menus

- Retrieve existing menu item using the FIN function:
 - $X\$ = \text{FIN}(0, \text{"SysMenu}nn\text{"})$
- Returns **"MenuText=ctl_value"** for specified entry



Dynamic System Menus

- Typical uses of adding SysMenu is to provide direct access to:
 - The PxPlus customizer
 - *Customizer was added in version 5*
 - Other program utilities such as *htmledit

Planned for 2017



Custom MSGBOX Buttons

PxPlus 2014 FP1

- New options added to MSGBOX directive

MSGBOX "text", "title", "BTN1=text, BTN2=text", Resp\$

- You can define custom text on 1 to 3 buttons
 - BTN1=xxx, BTN2=xxx, BTN3=xxx
 - Return value (**Resp\$**) will return BTN1, BTN2, or BTN3 respectively



Custom MSGBOX Buttons

PxPlus 2014 FP1

- Text value used to define button and may contain:
 - **&** to indicate single character hot-key
 - Images within curly brackets

e.g. `BTN1={!CheckMark}&Process`

- Typical use is to ask specific questions.



List View Control Improvements

- New properties to control Header colors and font

- 'HdrBackColor\$ Background color
- 'HdrTextColor\$ Text color
- 'HdrFont\$ Font, size to use

Properties
apply to ALL
columns

- Added support for 'AutoColSize' property

PxPlus 2014 FP1



Additional Resources

The help link(s) below refer to the current on-line help pages. The functionality may have been further updated since the PxPlus 2016 (version 13) release.

- [Defining an Info Tip](#)
- ['TC' \(Tip Color\) Parameter](#)
- [Tipcolor 'OPTION'](#)
- [*TOOLTIP External Tooltip Processor](#)
- [SysMenu# 'OPTION' or FIN\(0,"SysMenu#\)](#)
- [MSGBOX Directive](#)
- [Report View Properties](#)

