## FILE MAINTENANCE GENERATOR

DireXions 2024

# AGENDA

### HISTORY

OTHER CONSIDERATIONS ENHANCEMENTS STEP BY STEP

- <u>Webster+</u> Enhancements
- Enhanced Layout

### OUTPUT

See'PxPlus on the Web FM Generator' PDF for more details

BRIDGING THE PAST AND THE FUTURE





## A SHORT HISTORY



## FILE MAINTENANCE GENERATOR

### FILE MAINTENANCE

- Legacy File Maintenance Generator existed in Providex versions (prior to PxPlus)
- New File Maintenance Generator released in PxPlus 2019 as an update to the legacy version
  - Presentation at DireXions 2019 (Las Vegas)
  - Updated wizard interface with enhanced features
    - Preview the panel
    - Templates
    - Layout Grid
    - Object Oriented maintenance object

| e Maintenance Generator: 55555 |                          |                     | ? ×     |
|--------------------------------|--------------------------|---------------------|---------|
| Definition Options             | Layout Folders           | Fields Key Settings | 3       |
| Data <u>D</u> ictionary:       |                          |                     | Ŷ       |
| Maintenance Program:           | (Standard file maintenan | ce)                 | Ŷ       |
| Panel <u>T</u> itle:           |                          |                     |         |
| - Program Type                 |                          | - TAB on Key Field  |         |
| Generic O                      | Generic Object           | Process when        | changed |
| ◯ Custom ◯                     | Custom Object            | Force process       | ing     |
|                                |                          |                     |         |
|                                |                          |                     |         |
|                                |                          |                     |         |
|                                |                          |                     |         |

| 穿 File Maintenance Wizan                                | d  |  |  |  | -   |                        | × |
|---|--|--|--|--|---|------------------------|---|
| Step 1: File Mair                                       | ntenance Object  | Definition                                       |  |  |   |                        | 0 |
| - 1   | 2  | 3  | 4  | 5  | 6   | - 7                    | _ |
| Definition  | Properties   | Screen   | Controls   | Keys                                     | Fields  | Finish                 |   |
| Select the file ma                                      | intenance template   | •  |  |  |   |                        |   |
| Template setting:<br>the delete button                  | s may be saved for fu<br>to delete a template.               | ture use on the final (I                         | Finish) step of the wiza                           | ord. If desired, selec                   | ct an existing template.                            | Press                  |   |
| Template:   | Default  |  | ~ [  |  |   |                        |   |
| Select the table fr                                     | rom the data diction   | nary   |  |  |   |                        |   |
| Table Name:   |  |  | Q  |  |   |                        |   |
| Panel Title:  |  |  |  |  |   |                        |   |
| Enter the mainten                                       | ance object  |  |  |  |   |                        |   |
| The selections m<br>program in the pa<br>names must end | ade on the next (Prop<br>anel header. Choose L<br>in ".pvc". | erties) step of the wiz<br>between creating a ne | ard are saved in a file<br>ew object or using an o | maintenance obje<br>existing one and the | ct which will become the<br>en enter the object nam | e default<br>e. Object |   |
| Create a Nev  | w File Maintenance Ot  | oject  |  |  |   |                        |   |
| 🔘 Use an Existi   | ing File Maintenance   | Object   |  |  |   |                        |   |
| Object Name:  |  |  |  | Inquir                                   | y Only  |                        |   |
|   |  |  |  |  |   |                        |   |
| Preview   |  |  | Back   | <u>N</u> ext                             | Einish  | <u>C</u> ancel         |   |

## 2019 FILE MAINTENANCE GENERATOR

#### SUMMARY

- 1. Enter Table Name from Data Dictionary
- 2. Select from various options to control the appearance of the panel generated
- 3. Layout Grid
  - Arrange Fields
  - Add Horizontal Lines and/or typed Text (subtitles)
  - Folder options
- 4. Preview/Review selections and Generate panel(s)

# SAMPLE DEMO PANEL

### **PRODUCT MAINTENANCE DEMO PANEL**

- Originally created with legacy Generator but edited in NOMADS afterwards
  - Image
  - List Box
  - 4 columns

#### **2019 FILE MAINTENANCE GENERATOR**

- Unable to add Image, List Box or have more than 2 columns
- Changes had to be made in NOMADS Panel Designer after panel generated
- No way to regenerate the panel to make small changes
- Unable to create HTML pages for Webster+







## **OTHER CONSIDERATIONS**



## NON-NOMADS CONSIDERATIONS

### NOT USING NOMADS?

The File Maintenance Generator was developed as a NOMADS tool

#### BUT

GOOD NEWS! It can be used outside of a NOMADS development environment

- Panels created could still be PROCESSed
  - HTML pages generated for Webster+

#### HOWEVER

Data File **MUST** be defined in Data Dictionary Maintenance

## DATA DICTIONARY

#### **DATA DICTIONARY MAINTENANCE** (dd in command mode)

• Used by the Generator for Descriptions (prompt), Lengths, Formats, Data Classes, etc.

|                    | DLOGIES LTD.                                 |  |                  |      | Data                                | Dictionary   | Maintenanc  | e   |  |                    |                                       |   |               |              |
|--------------------|--|--|------------------|------|-------------------------------------|--------------|---|---|--|--------------------|---------------------------------------|---|---------------|--------------|
| New Update<br>File | Update<br>Files Cop                          | y Rename   | Delete Bulk      | Edit | Define<br>Keys<br>e the key/indices | IO Procedure | Export<br>Import  | Data  | Print                                      | Export             | File<br>Splitting                     |   | New           | Updi<br>File |
|                    | Name:<br>Description:                        | Product<br>Product File                                |                  |      | Q #1 H                              | • н          |   | 2024/06/19<br>Last Physics<br>2024/06/19                                | ) 11:20-Susa<br>al Update:<br>) 11:20-Susa | n                  |                                       |   |               |              |
| ļnfo               | Physical File                                |  |                  |      |                                     |              |   |   | File Typ                                   | e                  |                                       |   | Jnfo          |              |
| Elements           | Fixed  | ✓ data/  | products         |      |                                     |              |   | <b>5</b>  | Native Fi                                  | 10                 |                                       | _ | Elements      |              |
|                    | Options                                      |  |                  |      |                                     |              |   |   |  |                    |                                       |   | -Construction |              |
|                    | Notes:                                       |  |                  |      |                                     |              |   |   |  |                    |                                       |   |               |              |
|                    |  |  |                  |      |                                     |              |   |   |  |                    |                                       |   |               |              |
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|                    |  |  |                  |      |                                     |              |   |   |  |                    |                                       |   |               |              |
|                    |  |  |                  |      |                                     |              |   |   |  |                    |                                       |   |               |              |
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|                    |  |  |                  |      |                                     |              |   |   |  |                    |                                       |   |               |              |
|                    |  |  |                  |      |                                     |              |   |   |  |                    |                                       |   |               |              |
|                    | Genur  | Application  |                  |      |                                     |              | Etert 10  |   |  |                    |                                       |   |               |              |
|                    | Group  | Application  | ~ J              |      |                                     |              | Extended <u>R</u> d                                       | ecords  |  | Nano               |                                       |   |               |              |
|                    | Group:<br>Type:<br>Block Size:               | Application<br>Variable Leng                           | yth              | ~    |                                     |              | Extended <u>R</u> ompressio                               | ecords<br>in Type:<br>ant for Version                                   | - Costrol Suz                              | None               |                                       |   |               |              |
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|                    | Groug:<br>Type:<br>Block Size:<br>Separator: | Application<br>Variable Leng<br>Default<br>Default SEP | yth<br>v (in KB) | ×.   |                                     |              | Extended By<br>Compressio<br>Convert to T<br>Force data V | ecords<br>in Type:<br>ext for <u>V</u> ersion<br>Validation on <u>V</u> | Control Sys                                | None<br>tem<br>ATE |                                       |   |               |              |

| ons Ut        | íties Proj      | ects NOMADS Tools                                 | Wi <u>k</u> i Info |                                     |          |                      |   |                  |                                |              |          |          |  | $\langle \rangle$                           |
|---------------|-----------------|---|--------------------|-------------------------------------|----------|----------------------|---|------------------|--------------------------------|--------------|----------|----------|--|---|
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## RUNNING THE GENERATOR

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### RUNNING THE FILE MAINTENANCE GENERATOR

- Traditionally, accessed from the NOMADS Library Object Selection dialog
- Can now also be accessed from an IDE task
  - Expand the Graphical Application Builder (NOMADS) node on the tree view
    - Select the File Maintenance Generator task

| Projects Me                                    | nu <u>U</u> pdate   | <u>A</u> bout   | Support  | <u>O</u> nline Help | <u>R</u> elease Note | s           |    |
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| Project  | Defaul  | t   |  |                     | ~                    |             |    |
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# **REGENERATE PANELS**

#### PANELS MAY NOW BE REGENERATED

- All settings and information about the panel are saved in the library file
  - Special records with "T" as the 13<sup>th</sup> character in the key value
- Once recalled, all settings are restored
- Further changes may be made

Changes made outside of the File Maintenance Generator will be lost

### **GENERATE WEBSTER+ PAGES**

#### WEBSTER+ PAGES MAY NOW BE CREATED

• Form Type: Select HTML Page



- If only HTML Page Form Type is selected, many NOMADS-only inputs are hidden in the subsequent Generator steps
- Webster+ related settings are disabled unless the HTML Page option is selected
- NOMADS panels are still created in the screen library data file because the regenerate records are stored there
- **Preview** button is now a drop list button

#### http://server\_address:port#

Preview NOMADS Panel

Preview NOMADS Panel

Preview <u>H</u>TML Page

Webster Preview URL

# LIBRARY OBJECT SELECTION

# LIBRARY OBJECT SELECTION DIALOG

- Added Webster+ menu
  - Define Webster+ Pages Directory
    - c:\webster2024\pages
  - Webster Preview URL http://127.0.0.1:8088
- Type column (Dh)
  - Indicates a File Maintenance generated panel that also has a generated HTML page for use in Webster+

| Define Webster+ Pages Directory       Define Webster+ Pages Directory <thdirectory< th="">       Directory</thdirectory<>  | Objects     | Option  | ns l   | Libra | iry Ut        | ilities     | Views      | Projects    | Design     | er iNor    | nads W   | ebster+            | Details                   | Quit                 |               |                 |                     |
|--|-------------|---------|--|-------|---------------|-------------|------------|-------------|------------|------------|----------|--------------------|---------------------------|----------------------|---------------|-----------------|---------------------|
| Image: Second                | Ð           | PV.     | X F  | PL    | US            | Library     | Objec      | t Selectio  | n Lib      | rary: C:\  |          | Define \<br>Webste | Webster+ P<br>r Preview U | Pages Directo<br>IRL | ory<br>\\20   | (1)<br>21\data\ | ) — □ X<br>v2024.en |
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| Image: testbuild.2       (D)       Client Master File Maintenance (Tab 2: Accounting)       2024/05/23 08:43       Susan (File Maint.)         Image: testbuild.2       (Dh)       Department Codes Maintenance       2024/05/22 17:01       Susan (File Maint.)         Image: testbuild.2       (Dh)       Department Codes Maintenance       2024/05/22 17:01       Susan (File Maint.)         Image: testbuild.2       (Dh)       Sales Representative Lookup Page       2024/05/22 15:31       Susan (File Maint.)         Image: testbuild.2       (Dh)       Sales Representative Lookup Page       2024/05/22 14:16       Susan         Image: testbuild.2       (Dh)       Sales Representative Lookup Page       2024/05/22 14:04       Susan (File Maint.)         Image: testbuild.2       (Dh)       Sales Representatives       2024/05/22 09:01       Susan         Image: testbuild.2       (D)       Sample Non-File Maintemance Panel       2024/05/22 08:55       Susan (File Maint.)         Image: testbuild.2       (Dh)       this is the Page Header       2024/05/21 14:41       Susan (File Maint.)         Image: testbuild.2       (Dh)       this is the Page Header       2024/05/21 14:41       Susan (File Maint.)         Image: testbuild.2       (Dh)       this is the Page Header       2024/05/21 12:16       Susan         Image: testbuild.2  | 😇 testbu    | uild.1  |  |       | (D)           | Client Ma   | aster File | Maintenar   | nce (Tab   | 1: Address | ;)       | 2024               | 4/05/23 08                | :43 9                | Susan (File I | Maint.)         |                     |
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| Image: Sales_lookup       (Dh)       Sales Representative Lookup Page       2024/05/22 15:31       Susan (File Maint.)         Image: Salesrepinv       (Q)       Lookup for Invoice header       2024/05/22 14:16       Susan         Image: Salesrepinv       (Dh)       Sales Representative Lookup Page       2024/05/22 14:16       Susan         Image: Salesrepinv       (Q)       Lookup for Invoice header       2024/05/22 14:04       Susan (File Maint.)         Image: Salesrepinv       (Q)       Lookup for Sales Representatives       2024/05/22 09:01       Susan         Image: Salesrepinv       (Q)       Lookup for Sales Representatives       2024/05/22 08:55       Susan         Image: Salesrepinv       (D)       Sample Non-File Maintemance Panel       2024/05/21 14:41       Susan (File Maint.)         Image: Salesrepinv       (Dh)       this is the Page Header       2024/05/21 14:41       Susan (File Maint.)         Image: Salesrepinv       (Dh)       Sales Representatives Maintenance       2024/05/21 12:16       Susan   | 😑 easy      |         |  |       | (Dh)          | Departm     | ent Cod    | es Mainten  | ance       |            |          | 2024               | 4/05/22 17                | :01 \$               | Susan (File I | Maint.)         |                     |
| Image: Salesrepinv       (Q)       Lookup for Invoice header       2024/05/22 14:16       Susan         Image: Salesov2       (Dh)       Sales Reps Overview       2024/05/22 14:04       Susan (File Maint.)         Image: Salesov2       (Q)       Lookup for Sales Representatives       2024/05/22 09:01       Susan         Image: Salesov2       (Q)       Lookup for Sales Representatives       2024/05/22 09:01       Susan         Image: Salesov2       (D)       Sample Non-File Maintemance Panel       2024/05/22 08:55       Susan (File Maint.)         Image: Salesov2       (Dh)       this is the Page Header       2024/05/21 14:41       Susan (File Maint.)         Image: Salesov2       (Dh)       Sales Representatives Maintenance       2024/05/21 12:16       Susan   | 😇 sales     | _lookup |  |       | (Dh)          | Sales Re    | epresent   | ative Look  | ip Page    |            |          | 2024               | 4/05/22 15                | :31 9                | Susan (File I | Maint.)         |                     |
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## ACCESS TO FM OBJECTS

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| Object <u>s</u> | Options | Library                          | <u>U</u> tilities <u>V</u> | iews Proje | ects <u>D</u> es | igner <u>i</u> No | mads <u>W</u> | ebster+ D  | e <u>t</u> ails <u>Q</u> uit |         |               |             |               |          |            |                 |
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| 🗐 cc222         | 22      |                                  | (Dh)                       | Client Co  | ntacts M         | aintenance        | •             |            |                              | 202     | 4/08/26 17:03 | s           | usan (File N  | 1aint.)  |            |                 |
| 🗐 cc222         | 2       |                                  | (Dh)                       | Client Co  | ntacts M         | aintenance        | •             |            |                              | 202     | 4/08/26 17:02 | S           | usan (File M  | laint.)  |            |                 |
| 🗐 sales         | old     |                                  | (Dh)                       | Sales Re   | epresent         | atives Mair       | ntenance      |            |                              | 2024    | 4/08/13 13:59 | S           | usan (File N  | 1aint.)  |            |                 |
| 😇 sales         | old.1   |                                  | (D)                        | Sales Re   | epresent         | atives Mair       | ntenance      | (Tab 1: Co | ontact Info)                 | 2024    | 4/08/13 13:59 | S           | iusan (File M | faint.)  |            |                 |
| 😇 sales         | old.2   |                                  | (D)                        | Sales Re   | epresent         | atives Mair       | ntenance      | (Tab 2: Ad | counting)                    | 2024    | 4/08/13 13:59 | S           | iusan (File M | faint.)  |            |                 |
| 🖃 mkey          | sold    |                                  | (Dh)                       | Client Co  | ntacts M         | aintenance        |               |            |                              | 2024    | 4/08/07 14:38 | S           | iusan (File N | faint.)  |            |                 |
| 🖃 mkey          | /sold.1 |                                  | (D)                        | Client Co  | ntacts M         | aintenance        | (Tab 1: )     | oone)      |                              | 2024    | 4/08/07 14:38 | S           | iusan (File N | faint.)  |            |                 |
| 🗐 Supp          | ress    |                                  | (D)                        | Suppres    | s                |                   |               |            |                              | 2024    | 4/07/18 13:14 | S           | lusan         |          |            |                 |
| 🖃 listbo        | xes     |                                  | (D)                        | Dynamic    | Button P         | anel              |               |            |                              | 2024    | 4/07/16 11:30 | S           | lusan         |          |            |                 |
| 🗐 dyna          | button  |                                  | (D)                        | Dynamic    | Button P         | anel              |               |            |                              | 202     | 4/07/16 11:28 | S           | lusan         |          |            |                 |
| 🗐 folde         | r       |                                  | (D)                        | folder     |                  |                   |               |            |                              | 2024    | 4/07/16 09:42 | S           | lusan         |          |            |                 |
| 🖃 tab3          |         |                                  | (D)                        | tab1       |                  |                   |               |            |                              | 2024    | 4/07/16 09:12 | S           | iusan         |          |            |                 |
| 🗐 tab2          |         |                                  | (D)                        | tab1       |                  |                   |               |            |                              | 2024    | 4/07/16 09:11 | S           | lusan         |          |            |                 |
| 🖃 tab1          |         |                                  | (D)                        | tab1       |                  |                   |               |            |                              | 2024    | 4/07/16 09:07 | S           | lusan         |          |            |                 |
| 🖃 menu          | 1       |                                  | (D)                        | menu       |                  |                   |               |            |                              | 2024    | 4/07/12 17:08 | S           | lusan         |          |            |                 |
| 🖃 depts         | sold    |                                  | (Dh)                       | Departm    | ent Code         | es Mainten        | ance          |            |                              | 2024    | 4/07/09 12:01 | S           | iusan (File M | faint.)  |            |                 |
| orruo 🖃         | ld      |                                  | (Dh)                       | Currency   | codes N          | laintenanc        | е             |            |                              | 2024    | 4/07/09 11:13 | S           | iusan (File N | faint.)  |            | ~               |
|                 |         |                                  |                            |            |                  |                   |               |            |                              |         |               |             |               |          |            |                 |

#### **RECALLING A FILE MAINTENANCE OBJECT**

- Double-clicking a File Maintenance generated object in Library Object Selection now launches the Generator
  - Allows changes to be made to the previously generated form
- Use the **Open** toolbar button to open the panel in the NOMADS Panel Designer

### OR

• Press the new **Screen Designer** button on Step 1 of the Generator



### GENERATOR ENHANCEMENTS STEP BY STEP



## **GENERATOR STEPS**

Welcome Panel

Step 1: Object Definition

**Step 2: Object Properties** 

Step 3: Screen Layout

Step 4: Control Settings

Step 5: Key Settings

Step 6: Field Layout

Step 7: Completion

### WELCOME PANEL

#### WELCOME PANEL

- Only appears when creating a new panel
- Unchanged from original version except for text
  - Help Link
  - Legacy version

| _  |  |   |   |  |   |
|--|--|---|---|--|---|
| G File Maintenance Generator for panel: products   |  |   |   |  | × |
|  | File Maintenanc  | e Generato  | r: products   |  |   |
| Welcome to the File Maintenance Generator for  | r panel: products.   |   |   |  |   |
| This generator will walk you through the steps<br>data files defined in a PxPlus Data Dictionary.<br>Data Dictionary also supplies key structure info<br>formats, associated queries and help, as well : | o automatically create file maintenanc<br>Panels are built with controls represen<br>rmation to enable accessing and writ<br>as control types, are derived from dict | e panels and/or HTML p<br>ting the data fields descri<br>ing the data records. Eler<br>onary and class definition | ages with built-in editing and browse fun<br>ibed within the Data Dictionary and Data<br>nent names, prompts, default values, va<br>ns. | ctionality based on<br>Class Objects. The<br>lidation rules, print |   |
| A single panel or a panel containing a folder w<br>are provided for selecting edit and browse but<br>Maintenance panels may also be generated.   | th multiple tabs can be created using<br>on positions and including additional   | the standard two-column<br>objects. Maintenance bel   | layout or an advanced layout of up to fou<br>havior is defined using object properties  | ur columns. Options<br>a. Non-File                                 |   |
| Once panels are generated, the NOMADS Par  | el Screen Designer may be used for   | any additional changes o  | or fine-tuning.   |  |   |
|  |  |   |   |  |   |
|  |  |   |   |  |   |
| 1 How to Create File Maintenance Panels  |  |   |   |  |   |
| To access the legacy version of the File Maint   | anance Generator click here.   |   |   |  |   |
| To continue, click Next  |  |   |   |  |   |
| Preview NOMADS Panel   |  | <u>B</u> ack  | Next  | <u>C</u> ancel   |   |

# STEP 1: OBJECT DEFINITION

### **OBJECT DEFINITION**

- Screen Designer button
  - Available for previously generated panels
  - Shortcut to editing the panel in NOMADS Panel Designer
- Reset Template checkbox
  - Unlocks File Maintenance Template input on previously generated panels
- Two new Form Types
  - HTML Page (Webster+)
  - Non-File Maintenance Form
    - With and without entering a Table Name

| Image: Product products   |                       |                                 |                         |                  |                  |                           |        |   |
|---|-----------------------|---------------------------------|-------------------------|------------------|------------------|---------------------------|--------|---|
| Step 1: File Maintenance Object Definition         1       2       3       4       5       6       7         Definition       Properties       Screen       Controls       Keys       Fields       Finist         Select the file maintenance template and layout format       Screen Designer       Screen Designer         File Maintenance Template:       None       ?       Reset Template       Layout       Enhanced       ?         Select the type of form(s) to create       ?       ?       Reset Template       Layout       Enhanced       ?         Form Type:       NOMADS Panel       ?       HTML Page       Non-File Maintenance Form       Select the table from the data dictionary         Table Name:       Product       ?       Panel Title Symbol:       ?       ?         Panel Title:       Product File Maintenance       ?       ?       ?       ?         Chief the maintenance object       ?       ?       ?       ?       ?         Object Name:       Win/Im_maint.pvc       ?       ?       ?       ?  | File Maintenance Gene | ator for panel: products        |                         |                  |                  | -                         |        | × |
| 1       2       3       4       5       6       7         Definition       Properties       Screen       Controls       Keys       Fields       Finist         Select the file maintenance template and layout format         File Maintenance Template       Non       ©       •       Reset Template       Layout       Enhanced       •         Select the type of form(s) to create       ©       •       •       Non-File Maintenance Form       Layout       Enhanced       •         Select the table from the data dictionary         Table Name:       Product       ●       •       Panel Title Symbol:       ●   | Step 1: File Maint    | enance Object Definition        |                         |                  |                  |                           | (      | 1 |
| 1       2       3       4       5       6       7         Definition       Properties       Screen       Controls       Keys       Fields       Finist         Select the file maintenance template and layout format       Screen Designer       Screen Designer         File Maintenance Template:       None       ©       C       Reset Template       Layout       Enhanced       Image: Controls         Select the type of form(s) to create       ©       C       Reset Template       Layout       Enhanced       Image: Controls         Form Type:       Image: Non-Kile Maintenance Form       Image: Controls       Panel Title Symbol:       Panel Title Symbol:       Panel Title Symbol:       Image: Controls       Im   |                       |                                 |                         |                  |                  |                           |        |   |
| Definition Properties Screen Controls Keys Fields Finish   Select the file maintenance template and layout format   File Maintenance Template:   None   Pields   Select the type of form(s) to create   Port Type:   NOMADDS Panel   Image: Product File Maintenance   Panel Title:   Product File Maintenance   Panel Title:   Product File Maintenance   Object Name:   Win/fm_maintpvc   | 1                     | 2                               | 34                      | 5                |                  | 6                         | 7      | - |
| Select the file maintenance template and layout format   File Maintenance Template:   None   None   Reset Template   Layout   Enter the maintenance Object   File Maintenance Object   Subject Name:   *win/fm_maint.pvc  | Definition            | Properties Sc                   | creen Controls          | Keys             | Fi               | elds                      | Finish |   |
| Select the file maintenance template and layout format     File Maintenance Template:     None     Select the type of form(s) to create     Form Type:     NomADS Panel     HTML Page     Non-File Maintenance Form     Select the table from the data dictionary     Table Name:     Product     Panel Title:     Product File Maintenance     Panel Title:     Image: Product File Maintenance     Panel Title:     Product File Maintenance     Panel Title:     Product File Maintenance     Panel Title Symbol:     Panel Title:     Product File Maintenance Object     Panel Title Maintenance Object     Panel Title Maintenance Object     Pile Maintenance Object     Object Name:     *win/fm_maint.pvc     Inquiry Only   |                       |                                 |                         |                  |                  | Screen Designer           |        | 1 |
| File Maintenance Template: None     Select the type of form(s) to create     Form Type:     NOMADS Panel     Image: Product     Panel Title:     Product File Maintenance     Panel Title:  | Select the file ma    | ntenance template and layout fo | ormat                   |                  | -                |                           |        |   |
| Select the type of form(s) to create   Form Type:   Image: I | File Maintenance      | Template: None                  | v 🦻 🕤                   | Reset Template   | Layou            | ut Enhanced               | $\sim$ |   |
| Form Type: NOMADS Panel     Form Type: NOMADS Panel     Fale table from the data dictionary     Table Name: Product     Panel Title: Product File Maintenance     Panel Title: Product File Maintenance     File Maintenance Object       File Maintenance Object       Object Name: *win/fm_maint.pvc     Inquiry Only   | Select the type of    | form(s) to create               | ( <b>?</b> )            |                  |                  |                           |        |   |
| Select the table from the data dictionary     Table Name:   Product   Panel Title:   Product File Maintenance     Product File Maintenance     Panel Title:     Product File Maintenance     Panel Title:     Panel Title:     Product File Maintenance     Pointer the maintenance object     File Maintenance Object     Use the Standard File Maintenance Object     Object Name:     *win/fm_maint.pvc     Inquiry Only   | Form Type:            | NOMADS Panel                    | HTML Page               | Non-File Mainter | nance Form       |                           |        |   |
| Table Name:     Product     Panel Title Symbol:       Panel Title:     Product File Maintenance     Panel Title Symbol:       Enter the maintenance object     Panel Title Maintenance Object     Image: Comparison of the Maintenance Object       File Maintenance Object     Use the Standard File Maintenance Object     Image: Comparison of the Maintenance Object       Object Name:     *win/fm_maint.pvc     Image: Comparison of the Maintenance Object   | Select the table f    | om the data dictionary          |                         |                  |                  |                           |        |   |
| Panel Title:       Product File Maintenance         Enter the maintenance object       Product File Maintenance Object         File Maintenance Object       Ise the Standard File Maintenance Object         Object Name:       *win/fm_maint.pvc       Inquiry Only   | Table Name:           | Product                         | /                       | Pane             | el Title Symbol: |                           |        |   |
| Enter the maintenance object       Use the Standard File Maintenance Object       Image: Imag   | Panel Title:          | Product File Maintenance        |                         | (2)              |                  | <b>Fa</b> (2)             |        |   |
| File Maintenance Object       Use the Standard File Maintenance Object       Image: Poly         Object Name:       *win/fm_maint.pvc       *min/fm_maint.pvc       Image: Poly   | Enter the mainten     | ance object                     |                         |                  |                  |                           |        |   |
| Object Name: *win/fm_maint.pvc 🖻 Inquiry Only   | File Maintenance      | Object: Use the Standard F      | File Maintenance Object | ~ 😰              |                  |                           |        |   |
|   | Object Name:          | *win/fm_maint.pvc               | :                       |                  |                  | nquiry Only               |        |   |
| Enter the optional HTML interface program   | Enter the optiona     | HTML interface program          |                         |                  |                  |                           |        |   |
| Interface Program: 🔁 🦻  | Interface Program     | N:                              |                         | 6                |                  |                           |        |   |
|   |                       |                                 |                         |                  |                  |                           |        |   |
| Preview NOMADS Panel     Einish     Cancel  | Preview NOM           | ADS Panel 🔻                     |                         | Back             | Next             | <u>F</u> inish <u>C</u> a | ncel   | ] |

# OTHER NEW OBJECT DEFINITION INPUTS

### **NEW OBJECT DEFINITION INPUTS**

- Panel Title Symbol
  - Optional bitmap or symbol to appear before Webster+ panel title
- HTML Interface Program
  - Program to contain any nonstandard logic such as File Maintenance hooks, grid loading logic or events

#### REDESIGN

• Maintenance Object input

| File Maintenance Genera  | tor for panel: products  |  |           |                        |              |                 | × |
|--|--|--|-----------|------------------------|--------------|-----------------|---|
| tep 1: File Mainte   | enance Object Defi   | nition   |           |                        |              |                 | 1 |
|  | _  |  |           |                        |              | _               |   |
| 1  | 2  | 3  | 4         | 5                      | 6            | 7               |   |
| Definition   | Properties   | Screen   | Controls  | Keys                   | Fields       | Finish          |   |
|  |  |  |           |                        | Scree        | en Designer     |   |
| Select the file main   | Template   | nd layout format   |           | Deart Translate        | Levent Ester | and we          |   |
| File Maintenance   | remplate.  | le   | × 92      | Reset l'emplate        | Layout       | iced 🗸          |   |
| Select the type of f   | form(s) to create  | ?  |           |                        |              |                 |   |
| Form Type:   | NOMADS Pane  | HTML   | Page      | Non-File Maintenance F | orm          |                 |   |
| Select the table fro   | om the data dictional  | ry .   |           |                        |              |                 |   |
| Tehle Neme:  |  |  |           |                        |              |                 |   |
| i able ivame:  | Product  |  | <b></b>   | Panel Title S          | Symbol:      |                 |   |
| Panel Title:   | Product Product File Mainten   | ance   | <u></u>   | Panel Title S          | Symbol:      | <b>a</b> 9      |   |
| Panel Title:<br>Enter the maintena   | Product<br>Product File Mainten  | ance   | <u>)</u>  | Panel Title S          | Symbol:      | <b>i</b> ii (?) |   |
| Panel Title:<br>Enter the maintena<br>File Maintenance (   | Product<br>Product File Mainten<br>nce object<br>Object Use t                                  | ance<br>he Standard File Maintenand                                | ce Object | Panel Title S          | Symbol:      | <b>6</b> 9      |   |
| Fable Name:<br>Panel Title:<br>Enter the maintena<br>File Maintenance (<br>Object Name:                                | Product<br>Product File Mainten<br>nce object<br>Object Use t<br>*win/f                        | ance<br>he Standard File Maintenand<br>m_maint.pvc                 | ce Object | Panel Title S          | Symbol:      | ē 2             |   |
| Panel Title:<br>Enter the maintena<br>File Maintenance (<br>Object Name:<br>Enter the optional I                       | Product<br>Product File Mainten<br>Ince object<br>Object Use t<br>*win/f                       | ance<br>he Standard File Maintenand<br>m_maint.pvc<br><b>jram</b>  | ce Object | Panel Title S          | Symbol:      | <b>1</b>        |   |
| Fabie Name:<br>Panel Title:<br>Enter the maintena<br>File Maintenance (<br>Object Name:<br>Enter the optional I        | Product<br>Product File Mainten<br>nce object<br>Object Use t<br>*vin/f<br>HTML interface prog | ance<br>he Standard File Maintenand<br>im_maint.pvc<br><b>Iram</b> | ce Object | Panel Title S          | Symbol:      | <b>(1</b> )     |   |
| Panel Title:<br>Enter the maintena<br>File Maintenance (<br>Object Name:<br>Enter the optional I<br>Interface Program: | Product Product File Mainten nce object Object Use t *win/f HTML interface prog                | ance<br>he Standard File Maintenand<br>m_maint.pvc<br><b>Iram</b>  | ce Object | Panel Title S          | Symbol:      | <b>()</b>       |   |

### MAINTENANCE OBJECT

#### FILE MAINTENANCE OBJECT

• Redesigned entry of the File Maintenance Object

| Enter the maintenance obje | ect   |   |   |
|----------------------------|---|---|---|
| File Maintenance Object    | Use the Standard File Maintenance Object  | ~ | 3 |
| Object Name:               | Use the Standard File Maintenance Object  |   |   |
| objectivalle.              | Create a New File Maintenance Object<br>Use an Existing File Maintenance Object |   |   |

- Standard Object will be used by default
- Prevents an object for every FM panel since the properties will likely be the same over an application
- New or Existing objects can have different Object Properties set

# STEP 2: OBJECT PROPERTIES

### OBJECT PROPERTIES

• No changes

 All inputs disabled when using an existing file maintenance object

| 🛞 File Maintenance Ger  | nerator for panel: products    |                                    |                      |                           |                              | —           |       | × |
|-------------------------|--------------------------------|------------------------------------|----------------------|---------------------------|------------------------------|-------------|-------|---|
| Step 2: File Main       | ntenance Object P              | roperties                          |                      |                           |                              |             |       | 1 |
| _                       |                                | _                                  |                      | _                         | _                            |             |       |   |
| 1                       | 2                              | 3                                  | 4                    | 5                         | 6                            |             | 7     |   |
| Definition              | Properties                     | Screen                             | Controls             | Keys                      | Fields                       | F           | inish |   |
| NOTE: If usin<br>edital | ig an existing file ma<br>ble. | intenance object, these value      | s are already define | d as indicated within     | n the object and are therefo | ore not     |       |   |
| Select the upda         | te behavior                    |                                    |                      |                           |                              |             |       |   |
| Select the reco         | ord locking behavior whe       | en a record is updated.            |                      |                           |                              |             |       |   |
| Review B                | efore Write                    | Lock Record                        | O No Recor           | d Lock                    |                              |             |       |   |
| Select the scree        | en behavior                    |                                    |                      |                           |                              |             |       |   |
| Select the scre         | en behavior on a new re        | ecord.                             | Select the scre      | en behavior after writing | or deleting a record.        |             |       |   |
| Oo Not Cl               | ear Fields                     | Auto-Clear All Fields              | O Not Clo            | ear Fields                | Auto-Clear All Fields        |             |       |   |
| Select the scre         | en behavior for saving (       | changes.                           |                      |                           |                              |             |       |   |
| Standard                | Save Behavior                  | O Auto-Save Changes                |                      |                           |                              |             |       |   |
| Select record m         | essage options                 |                                    |                      |                           |                              |             |       |   |
| Select the mes          | sages that will display v      | when a record is created or when a | record is deleted.   |                           |                              |             |       |   |
| Confirm N               | ew Record                      | Acknowledge Writes                 | Confirm D            | elete Request             | Acknowledge Delete           | S           |       |   |
| Preview NC              | MADS Panel 🔻                   | ]                                  | ζ <u>E</u>           | <u>N</u> ext              | ▶ <u>F</u> inish             | <u>C</u> an | ncel  |   |

BRIDGING THE PAST AND THE FUTURE

# FILE MAINTENANCE PROPERTIES

### 8 FM RELATED NOMADS PROPERTIES (%NOMADS'property\$)

- FM\_Update\_Option\$="R/L/N"
- FM\_New\_Option\$="0/1"
- FM\_Clear\_Option\$="0/1"
- FM\_Auto\_Save\_Option\$="0/1"
- FM\_Confirm\_New\_Rec\$="0/1"
- FM\_Acknowledge\_Writes\$="0/1"
- FM\_Skip\_Confirm\_Deletes\$="0/1"
- FM\_Skip\_Acknowledge\_Deletes\$="0/1"

| 🔮 File Maintenance Gene                                | rator for panel: products                    |  |  |                       |                             | -              | × |  |
|--|--|--|--|-----------------------|-----------------------------|----------------|---|--|
| Step 2: File Maint                                     | enance Object Prop                           | erties   |  |                       |                             |                | 0 |  |
| -11  | 2  | 3  | 4  | 5                     | 6                           | 7              | _ |  |
| Definition   | Properties                                   | Screen   | Controls   | Keys                  | Fields                      | Finish         |   |  |
| NOTE: If using<br>editabl                              | an existing file mainte<br>e.                | nance object, these value                          | s are already defined  | d as indicated within | the object and are therefor | re not         |   |  |
| Select the update                                      | behavior                                     |  |  |                       |                             |                |   |  |
| Select the record                                      | l locking behavior when a                    | record is updated.                                 |  |                       |                             |                |   |  |
| Review Before Write     Lock Record     No Record Lock |  |  |  |                       |                             |                |   |  |
| Select the screen                                      | behavior                                     |  |  |                       |                             |                |   |  |
| Select the scree                                       | n behavior on a new recor                    | d.   | Select the screen behavior after writing or deleting a record. |                       |                             |                |   |  |
| O Not Clear  | ar Fields                                    | Auto-Clear All Fields                              | Do Not Clear Fields Auto-Clear All Fields                      |                       |                             |                |   |  |
| Select the screek                                      | n behavior for saving char<br>ave Behavior O | <i>nges.</i><br>Auto-Save Changes                  |  |                       |                             |                |   |  |
| Select record me                                       | ssage options                                |  |  |                       |                             |                |   |  |
| Select the mess  | ages that will display when                  | a a record is created or when a Acknowledge Writes | record is deleted.   | elete Request         | Acknowledge Deletes         |                |   |  |
| Preview NOM  | ADS Panel 🔻                                  |  |  | ack <u>N</u> ext      | ▶ <b>1</b> Einish           | <u>C</u> ancel |   |  |

• Can be set to over-ride values in standard object

## STEP 3: SCREEN LAYOUT

| 🔮 File Maintenance Generat    | tor for panel: products |         |                        |                |                           | – 🗆 X                           |
|-------------------------------|-------------------------|---------|------------------------|----------------|---------------------------|---------------------------------|
| Step 3: File Mainter          | nance Screen Layou      | t       |                        |                |                           | 0                               |
| -1                            | 2                       | 3       | 4                      | 5              | 6                         | 7                               |
| Definition                    | Properties              | Screen  | Controls               | Keys           | Fields                    | Finish                          |
| Define screen position:       | tion<br>ntered ~        | Column: | 5 🗘 Line:              | 5              | Add                       | litional Options<br>Panel Notes |
| Location of browse Beside Key | Library                 | ~ ·     | Panel                  | P              | Position<br>Bottom Left V | ✓ Tab Stops                     |
| Location of action b          | outtons<br>Library      |         | Panel                  | Ρ              | osition                   |                                 |
| Bottom Right                  | ~                       | × .     |                        | ×              | Bottom Right              | Tab Stops                       |
| Optional embedded             | d panel                 |         |                        |                |                           |                                 |
| Library                       | ~ 🖻                     | Panel   | Position<br>✓ Top Left | $\checkmark$   |                           |                                 |
| Optional Include HT           | FML page                |         | Position<br>Top        | ~              | Webster+ Ten              | nplate                          |
| Preview NOMA                  | DS Panel 🔻              |         | <u>∎a</u>              | ck <u>N</u> ex | t <b>F</b> inish          | Cancel                          |

#### **SCREEN LAYOUT**

- Panel Notes
  - Enter notes to be written to the panel header record
- Include HTML Page
  - Position (Top or Bottom)
- Webster+ Template
- Additional Buttons

### ADDITIONAL BUTTONS

### MAINTAIN ADDITIONAL BUTTONS

• Up to 20 buttons may be added before/after browse buttons or action buttons

| ¢ | <b>PVX PLU</b><br>TECHNOLOGIES LT  | <b>5</b>                     |                          | Maintain Additional Bu  | uttons                         | 0 -           |    |               | C | PVX PLUS     Add an Additional Button   |
|---|--|------------------------------|--------------------------|-------------------------|--------------------------------|---------------|----|---------------|---|---|
|   | Control Name       1     ADDL_BUTTON_1       2     ADDL_BUTTON_2       3 | Type<br>Standard<br>Standard | Text<br>More Information | NOMADS Bitmap Help Find | Webster Symbol<br>Help<br>Find | DI Location   |    |               | E | Button Control Name: ADDL_BUTTON_1 Type: Standard Type: Standard Location: Before Action  Text: More Information NOMADS Webster+  Include Button on NOMADS Panel Appearance Bitmap: IHelp Position: Left Visual Class: Expression V (2) |
|   | More Information   |                              | <u>W</u> rite            | <u>D</u> elete          |                                | <u>C</u> lear |    | E <u>x</u> it |   | Size Width: Columns 20.00 C P Height: 1.50 C When Button Pressed Logic  |
|   | Product Cod  | e: BUS                       | -3111-CYN                | Q,                      | 14 4                           |               | 0, | ]             |   | Perform  V "some_program;some_method"  OK Cancel  |
|   |  |                              |                          |                         |                                |               |    |               |   |   |

## STEP 4: CONTROL SETTINGS

| nce Control Settin  2 operties n layout options eft   | Ags<br>Screen<br>A<br>*<br>M taics<br>and text controls<br>boosition when co   | 4<br>Controls<br>ppend Colon on Pron              | npt   | Tab Sequence:<br>Vertical Spacing:  | 6<br>Tields<br>Horizontal   | 7<br>Finist   | 1  |
|---|--|---|---|---|---|---|--|
| a poperties a layout options eft  b conserved by the preceding b conserved by the preceding b conserved by the poplied to fonte layout in the required p b conserved by the poplied to fonte b conserved by the p | 3<br>Screen<br>A<br>*<br>M_taics<br>and text controls  | 4<br>Controls                                     | npt   | Tab Sequence:<br>Vertical Spacing:  | 6<br>Fields<br>Horizontal   | 7<br>Finish   | 1  |
| In layout options<br>eft  | Screen<br>A<br>M_taics<br>ed text controls   | Controls  | npt   | Tab Sequence:<br>Vertical Spacing:  | Horizontal  | Finist  | 'n   |
| n layout options<br>eft vith preceding<br>Expression<br>ons<br>will be applied to fonte<br>layout in the required p   | A * ML_Italics d text controls position when c   | ppend Colon on Pror                               | mpt   | Tab Sequence:<br>Vertical Spacing:  | Horizontal  | <br><br>  |  |
| eft  vindicate with preceding Expression Expression will be applied to fonte layout in the required p   | A ML_Italics A A A A A A A A A A A A A A A A A A A   | other than field promy                            | mpt   | Tab Sequence:<br>Vertical Spacing:  | Horizontal  | 0.50  |  |
| ndicate with preceding<br>Expression<br>ons<br>will be applied to fonte<br>layout in the required p   | *<br>ML_Italics<br>and text controls<br>position when c  | other than field prom                             | v 🦻   | Vertical Spacing:   |   | 0.50 🗘  |  |
| Expression<br>ons<br>will be applied to fonte<br>layout in the required p   | ML_Italics   | other than field promp                            | v 🦻   | ]   |   |   |  |
| ons<br>will be applied to fonte<br>layout in the required p   | ed text controls   | other than field promp                            | nts. Fonted text ma   | ]   |   | the second second   |  |
| efault Graphic Font>  | ~  | Size:   | Regular   | ~   |   |   |  |
| Expression  | · ·  |   | ~ <i>(</i> ?)   |   |   |   |  |
| ne option   |  |   |   |   |   |   |  |
| cing to be applied befo<br>Fields) of the generator   | ore and after ea<br>and selecting  | ach horizontal line. Ho<br>''Add Horizontal Line' | orizontal lines may<br>' from the popup m   | be added to the pane<br>enu.  | el by right-click   | ing on the  |  |
| 0.50 🗘  |  |   |   |   |   |   |  |
| anel 🔻  |  | 14  | Back  | <u>N</u> ext  | <u>F</u> inish  | <u>C</u> ancel  |  |
|   | efault Graphic Font><br>t Justify<br>Expression<br>ne option<br>cing to be applied befor-<br>ields) of the generator<br>0.50<br>anel | efault Graphic Font>                              | efault Graphic Font>       Size:         t Justify          Expression          ne option          cing to be applied before and after each horizontal line. Here          Tields) of the generator and selecting 'Add Horizontal Line          0.50           anel | efault Graphic Font> Size: Regular   t Justify    Expression    e option   cing to be applied before and after each horizontal line. Horizontal lines may   jields) of the generator and selecting 'Add Horizontal Line' from the popup material   0.50 | efault Graphic Font>   t Justify   t Justify   Expression   Image: splied before and after each horizontal line. Horizontal lines may be added to the panelities of the generator and selecting 'Add Horizontal Line' from the popup menu.   0.50 \cong table | efault Graphic Font>   Size: Regular t Justify Expression Expression Image: Size in the problem of the problem | efault Graphic Font>   Size: Regular t Justify Expression For option cing to be applied before and after each horizontal line. Horizontal lines may be added to the panel by right-clicking on the fields) of the generator and selecting 'Add Horizontal Line' from the popup menu. 0.50 \u03c6 anel  Image: Regular < |

#### CONTROL SETTINGS

- Added SHOW Visual Class
  - Field in Data Dictionary has a Data Class using <u>Extended Validation</u>

| - | Table:              | Accounts              | 2 89 |
|---|---------------------|-----------------------|------|
|   | Key:                | #1: G/L Account       | ~    |
|   | Descriptive Field:  | Fixed V Description\$ | ~    |
|   |                     | Populate All Fields   |      |
|   | Error if Invalid:   |                       |      |
|   | Logic if not found: |                       |      |

## STEP 5: KEY SETTINGS

#### **KEY SETTINGS**

- Ability to define a **Record Query** when there is a multi-part key
  - Inputs for Screen Library, Panel, Bitmap and HTML Symbol

| 🚯 File Maintenance Ger   | nerator for pane  | l: mkeysold  |  |   |  |              |                |                              | -         |                | ×        |
|--|---|--|--|---|--|--------------|----------------|------------------------------|-----------|----------------|----------|
| Step 5: File Mair  | ntenance Ko   | ey Settings  |  |   |  |              |                |                              |           |                | 1        |
| -1   | 2   |  | 3  |   | 4  |              | 5              | 6                            |           | - 7            |          |
| Definition   | Propertie   | s  | Screen                                       | C   | Controls   | I            | Keys           | Fields                       |           | Finish         |          |
| NOTE: The follo  | owing option  | s do not appl<br>ientld+Descr  | ly for single                                | -segment k                                  | eys or Non   | -File Maint  | enance Form    | ns.                          |           |                | 7        |
| Record Query   | Library:  | scrnlib.*  |  |   | ~ 🖻  | Pa           | anel:          | CONTACTS.QRY                 |           | ~              | <b>F</b> |
|  | Bitmap:   | Binoculars!  |  |   |  | Н            | FML Symbol:    | !Find                        |           | <b>i</b>       | 2        |
| Fixed Key Segm<br>Indicate if the da<br>indicate whether<br>Lock First S<br>Value to Pre-loa | ent<br>ata being main<br>r this value sho<br>segment<br>ud: | <i>tained includes</i><br>buld be disable<br><sup>Fi</sup> xed<br>Expression | s some sort o<br>ed or hidden a<br>Behavior: | f a fixed value<br>and enter the v<br>Oisat | e <i>(such as a d</i><br><i>ralue.</i><br>ole Locked S | company co   | de for example | e) in the first segment of t | he key. I | fso,           |          |
| Cross Reference<br>Indicate if there<br>Field that Contai                                    | e Key Field<br><i>is a unique, sir</i><br>ins 'Reference    | ngle segment k<br>• Key':  | ey that is to b                              | e maintained                                | automatical  | ly.          |                |                              |           |                |          |
| Preview NOM  | ADS Panel   | -  |  |   | 14   | <u>B</u> ack | Next           | ▶1 <u>F</u> inish            | <u>(</u>  | <u>C</u> ancel |          |

| Client ID: | ðà   | М    | $\triangleleft$ | Þ | ÞI |
|------------|------|------|-----------------|---|----|
|            | <br> | 14 T | 1               | r |    |

| G Lookup fo<br>Find text:<br>Match<br>column: | r Client Contacts   | Export •<br>Charts •<br>Profile • | Print Refresh   |
|---|---|-----------------------------------|---|
| Client ID<br>054703<br>111662<br>145684       | Description<br>Reception<br>This is where I want to send bills<br>Contact Description | Contact Type<br>B<br>B<br>B       | Contact Name<br>Joseph Walls<br>Teddy<br>Eloise Bandera |
| <   |   |                                   | 3   |
|   |   | Select                            | Qlose   |

# STEP 6: FIELD LAYOUT

#### FIELD LAYOUT

- Drag and Drop Fields onto Layout Grid
- Type Text in layout grid cells
- Create Horizontal Lines
- Section Sizes
- Added Status Bar
  - Provides more information about selected layout grid cell

| 🞐 File Maintenance Generate | or for panel: clientold |                      |                    |                               |                    | - 🗆 🗙          |
|-----------------------------|-------------------------|----------------------|--------------------|-------------------------------|--------------------|----------------|
| Step 6: File Mainten        | ance Field Layo         | out                  |                    |                               |                    | C              |
|                             |                         |                      |                    |                               |                    |                |
| - 1                         | 2                       | 3                    | 4                  | 5                             | 6                  | 7              |
| Definition                  | Properties              | Screen               | Controls           | Keys                          | Fields             | Finish         |
| Select field layout op      | tions 😰                 |                      |                    |                               |                    |                |
| Use SmartPhone Lay          | out 🔽 Fo                | older 🗄              | Current Tab:       | Accounting                    | ~ 🗟 🔏 A            | dd Object 🔹    |
| Field Name                  |                         | Left Sid             | e (Auto)           |                               | Right Side (Half)  | ^              |
| HOW.SalesRep                | Sales Re                | ep Id (SalesRep)     |                    | <mark>* Image * (W:A</mark> u | ito x H:10)        |                |
| prvSales                    | Default P               | ayment Method (Pa    | ymentType)         |                               |                    |                |
| produers                    | Credit Lir              | mit (CreditLimit)    |                    |                               |                    |                |
|                             | Balance                 | (Balance)            |                    |                               |                    |                |
|                             | * Horizon               | ntal Line *          |                    |                               |                    |                |
|                             | Year-to-[               | Date                 |                    |                               |                    |                |
|                             | Year-to-o               | date Sales (ytdSales | ;)                 | Year-to-Date o                | rders (ytdOrders)  |                |
|                             |                         |                      |                    |                               |                    |                |
| Selec <u>t</u> All          | leset                   |                      |                    |                               |                    |                |
| Hidden Variables            |                         |                      |                    |                               |                    | ¥              |
| Dynamic Image: Name=I       | MAGE_1, Width=Au        | to, Height=10, Varia | ble Name=sales_pic | \$, Span Multiple Lines=N     | 0                  |                |
| Preview NOMADS              | Panel 🔻                 |                      | 14                 | Back Nex                      | t 🕅 <u>F</u> inish | <u>C</u> ancel |

## FIELD LAYOUT - FOLDER OPTIONS

### FOLDER OPTIONS

- New Web (Top) Tab Position on Folder Options dialog
  - Will use Top position on NOMADS dialog

| 🔮 Folder Options |                      |                |                          | × |
|------------------|----------------------|----------------|--------------------------|---|
| Folder Options   |                      |                |                          |   |
| Tab Position:    | Web (Top) 🗸          | Offset         | 0.00                     |   |
| Tab Width:       | 12 💭                 | Tab Height     | 0.00 🗘                   |   |
| Auto Advance:    | Default              | ✓ Frame Style: | Top/Bottom line          | - |
| Folder Height    | Auto 🗘 🦻 (HTML only) |                |                          |   |
| Visual Class     |                      |                |                          |   |
| Expression       |                      |                |                          |   |
| FOLDERTABS       | ~ 🦻                  |                |                          |   |
|                  |                      |                | <u>O</u> k E <u>x</u> it |   |

| « Webster                                      | « Webster Plus                                   |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
| Sales Repres                                   | Sales Representatives Maintenance                |  |  |  |  |  |  |  |
| Sales Rep Code:<br>*Name:                      |  |  |  |  |  |  |  |  |
| Contact Info                                   | Accounting                                       |  |  |  |  |  |  |  |
| Email Address:                                 |  |  |  |  |  |  |  |  |
| *Office Phone:<br>Mobile Phone:<br>Home Phone: | 000-000         Phone Extension:         ####### |  |  |  |  |  |  |  |

### FIELD LAYOUT - PANEL TABS

| 🔮 File Mainte              | enance Panel Tabs | ×  |
|----------------------------|-------------------|--|
| Folder/Tabs                |                   |  |
| Contact Info<br>Accounting |                   | ↑ E Up<br>↓ E Down<br>✓ Rename<br>✓ Delete |
|                            |                   | <u>O</u> k                                 |

#### **RENAME TABS**

- Rename button added to <u>File Maintenance</u>
   <u>Panel Tabs</u> panel
  - Can now rename a folder tab without deleting it and starting over

## FIELD LAYOUT - HYPERLINKS

#### **HYPERLINKS**

- Select Add Object/Add or Edit a Hyperlink Prompt from the layout grid popup menu or press the Add Object button and select Hyperlink Prompt
- Transform a prompt into a hyperlink that opens another panel

| TECHNOLOGIES LTD.  | Add a Hyperlink Prom          | ×              |
|--|-------------------------------|----------------|
| Make the 'SalesRepCode' prompt a hyperlink                         | o the following NOMADS panel  | Ι.             |
| Hyperlink Panel  |                               |                |
| Library  | Panel                         |                |
| v2024.* ~  | SALESREPS ~                   | ]              |
| Make the 'SalesRepCode' prompt a hyperline<br>HTML Page: salesreps | o the following HTML page for | Webster+.      |
| <u>R</u> emove Hyperlink   | <u>O</u> K                    | <u>C</u> ancel |

| Sales Rep Code (SalesRepCode) |                  |                      |
|-------------------------------|------------------|----------------------|
|                               | 🔮 Sales Represen | itatives Maintenance |
|                               | Sales Rep Code:  | I Q                  |
|                               | *Name:           |                      |
|                               | Email Address:   |                      |
|                               | *Office Phone:   | 000-000-0000         |
| Sales Rep Code:               | Mobile Phone:    |                      |
| Jaies hep coue.               | *Department:     |                      |
|                               |                  |                      |

| 👙 Sales Represer | ntatives Maintenance X   |
|------------------|--|
| Sales Rep Code:  |  |
| *Name:           |  |
| Email Address:   |  |
| *Office Phone:   | 000-000 Phone Extension:                                       |
| Mobile Phone:    | Home Phone:  |
| *Department:     |  |
| Accounting Co    | mmissions  |
| YTD Orders:      | 0 Sales Amt: 0.00 Prior Years Ordens: 0 Prior Year Sales: 0.00 |
|                  |  |
|                  |  |
|                  | Write Delete Dear Est  |

# **DEPENDENCY DEFINITIONS**

### DEPENDENCIES

• Similar to defining <u>Dependency Definitions</u> in the NOMADS Panel Designer

| Step 6: File Mai        | ntenance F     | ield Layout |             |               |            |                  | 0            |
|-------------------------|----------------|-------------|-------------|---------------|------------|------------------|--------------|
| Definition              | 2<br>Propertie | es          | 3<br>Screen | 4<br>Controls | 5<br>Keys  | 6<br>Fields      | 7<br>Finish  |
| Select field layou      | ut options     | 🦻           |             | Panel:        | Main Panel |                  | Add Object 💌 |
| Field Name<br>ImagePath |                | Product Cod | de (*Produ  | uctCode)      | Sections   | Dependency Defin | ition        |

- Enable/Disable, Show/Hide, Lock/Unlock controls
- Some columns affect NOMADS panel only
- New column for Webster+ Classes

| <b>PVX PLUS</b><br>TECHNOLOGIES LTD. |                      |                                     | Dependency Definition                  | n      |                     | 0 -           |               |
|--------------------------------------|----------------------|-------------------------------------|--|--------|---------------------|---------------|---------------|
| Condition                            | Actions for Controls | Actions for Groups<br>(NOMADS Only) | Actions for Classes<br>(Webster+ Only) | Invert | Logic (NOMADS Only) | 1 Insert A    | bove          |
| statuscode\$="X"                     | DESCRIPTION:M,D      |                                     | cancelled,L                            |        |                     | 🔋 Insert 🛙    | <u>B</u> elow |
|                                      |                      |                                     |  |        |                     | Dele          | ete           |
|                                      |                      |                                     |  |        |                     | 1 Move        | e Up          |
|                                      |                      |                                     |  |        |                     | ↓<br>⊟ Move   | Down          |
|                                      |                      |                                     |  |        |                     |               |               |
|                                      |                      |                                     |  |        |                     |               |               |
|                                      |                      |                                     |  |        |                     |               |               |
|                                      |                      |                                     |  |        |                     |               |               |
|                                      |                      |                                     |  |        |                     |               |               |
|                                      |                      |                                     |  |        | <u>0</u>            | ( <u>C</u> ar | ncel          |

## LAYOUT GRID POPUP MENUS

### LAYOUT GRID POPUPS

- Additions to Grid Popup Menu (right-click on layout grid)
- Folder Location can now be defined





BRIDGING THE PAST AND THE FUTURE

### ADD OBJECTS

### **ADDITIONAL OBJECTS**

- Ability to add objects to panels
  - <u>Smart List Boxes</u>
  - <u>Smart Charts</u>
  - <u>Image</u>
  - <u>Button</u>
  - Input Fields
  - <u>Text</u>
  - <u>Button Bar</u>

- <u>Grid</u> (Webster+ only)
- Embedded Panels (NOMADS only)
- <u>Short Codes</u> (Webster+ only)
- All objects may also be added to Non-File Maintenance forms

## SMART LIST BOX

#### ADD A SMART LIST BOX

- List Box Type
  - Report View
  - Tree View
- Uses previously defined Queries

| List Box Control N   | ame: LIST_BOX_1  | List Box Type:  | Report View ~              |                                     |
|----------------------|--|---|----------------------------|-------------------------------------|
| Query<br>Selection   | Select Query Fixed   | Library:<br>v scmlib.*  | Panel:                     | <ul> <li>✓ <u>D</u>efine</li> </ul> |
| Size                 | Width: Columns V   | Auto 🗘 😥 Visual Cla   | 155                        |                                     |
|                      | Height: 10.00 💭  | Expres  | sion                       | ~                                   |
| Trigger Variable     | es and Controls 🛛 😕  |   | Selected Triggers          |                                     |
| <u>V</u> ariables    |  | Add Variable 🐌  | SALESREPCODE\$             |                                     |
| Controls             | PHONEEXTENSIONS<br>PHONENUMBERS<br>PRINTERS<br>PRVCOMMISSION<br>PRVORDERS<br>PRVSALES<br>VTDCOMMISSION | <ul> <li>▲dd Control ▶</li> <li>▲ <u>Remove</u></li> <li>✓</li> </ul> |                            |                                     |
| Conditional Trig     | gger Test  |   |                            |                                     |
| Options              | Clear control when a   | all Triggers are null)<br>oad   | Suppress graphic row/colum | n displays                          |
| Load Logic           | Pre-Load Logic: Ignore Post-Load Logic: Ignore   | ~ [   |                            |                                     |
| Webster+ Eve<br>HTML | ent:   | Class:  |                            |                                     |

| Client ID | Name                     | Address                   | City     | State/Province   | Country |
|-----------|--------------------------|---------------------------|----------|------------------|---------|
| 302119    | Andrews Plumbing         | 141 Bright Treasure Farms | Denfield | Ontario          | Canada  |
| 145684    | Bandera Landscaping      | 8189 Round Expressway     | Concord  | Ontario          | Canada  |
| 970883    | Bandera Nursery          | 8198 Dewy Wagon Maze      | Caribou  | Manitoba         | Canada  |
| 359267    | Bandera Securities       | 8445 Pleasant Panda Grove | Quesnel  | British Columbia | Canada  |
| 505590    | Bastrop Oxygen Rentals   | 8038 Colonial Path        | Perth    | Ontario          | Canada  |
| 34320     | Bee Fish and Chips       | 4180 Lost Mount           | Ramsey   | Ontario          | Canada  |
| 78896     | Bee Grocery              | 516 Heather Pond Lookout  | Keswick  | Ontario          | Canada  |
| 789006    | Bee Interior Decorations | 1861 Shady Point          | Denbigh  | Ontario          | Canada  |
| c         |                          |                           | _        |                  | >       |

BRIDGING THE PAST AND THE FUTURE

### SMART CHART

| TECHNOLOGIES LTD.  | Add a Smart Chart   |
|--|---|
| Chart Control Name: CHART_1  |   |
| Chart Select Chart Fixed V<br>Chart Name:  | Library: Panel:<br>scmlib.*   Panel: Salebydept.Q   Define RevenueByDeptType  Define Ignore Query Chart Format  |
| Size     Width:     Columns     Auto       Height:     10.00 ♀   | Image: Stress state     Image: Stress state       Image: Stress state     Image: Stress state       Image: Stress state     Image: Stress state               |
| Trigger Variables (?) Variables Controls Controls Controls ComMISSIONRATE EMAILS GLCOMMISSIONS HOMENUMBERS IMAGEPATHS MADU ENLIMPEDE | Add Variable       Selected Iriggers         Add Variable       DEPARTMENT\$         Add Control       Emove         Clear control when all Triggers are null |
| Conditional Trigger Test 😥   |   |
| Load Logic Pre-Load Logic: Ignore<br>Post-Load Logic: Ignore   | <ul> <li>✓</li> <li>✓</li> <li>✓</li> </ul>   |
| Webster+         Event:           HTML         Other Options:  | Class:  |
| Span Multiple Lines  | <u>Q</u> K <u>C</u> ancel   |

#### ADD A SMART CHART

- Uses previously defined Charts
  - Pie, Bar, Column or Line charts



### IMAGE

#### ADD AN IMAGE

- Graphic Display Options
  - Asis, Centered, Scaled, Tiled, Halftone, etc.



### <u>Webster+ Security</u> must be enabled

|  | Add an Image                           | 0              | × |
|--|--|----------------|---|
| Image Control Name:                    | IMAGE_1                                |                |   |
| Image Type                             | Image Path                             |                |   |
| Fixed ~                                | *Plus\Inomads\Images\Pvxplus*Globe.Png |                |   |
| Image Format                           |  |                |   |
| Graphic Display:                       | Scaled ~                               |                |   |
| Size<br>Width: Columns<br>Height: 5.00 | ✓ 10.00 <sup>2</sup> <sup>(2)</sup>    |                |   |
| Webster+ HTML                          |  |                |   |
| Event:                                 |  |                |   |
| Class:                                 | 9                                      |                |   |
| Other Options:                         |  | (              | ? |
| Span Multiple Lir                      | <u>O</u> K                             | <u>C</u> ancel |   |

# BUTTON

### ADD A BUTTON

- Button Types
  - Standard
  - Hyperlink
  - Drop List
- Folder Tabs
  - NOMADS
  - Webster+

| Button Control N  | ame: BUTTON_1                   |
|-------------------|---------------------------------|
| Type: Standa      | rd v Text GoBack                |
| NOMADS            | Webster+                        |
| Appearance        | Jutton on NOMADS Panel          |
| Bitmap:           | !Goback 🔚                       |
| Position:         | Left ~                          |
| Visual Class:     | Expression *BUTTONBITMAP v 🦻    |
| Size<br>Width: Co | olumns v Auto Ç 🦻 Height 1.50 Ç |
| When Button       | Pressed Logic                   |
| Perform           | ✓ "some_program;some_method"    |



| Button Control Name | e: BUTTON_1                 |   |
|---------------------|-----------------------------|---|
| Type: Standard      | ✓ Text: Go Back             |   |
| NOMADS              | Webster+                    | _ |
| Include Butto       | n on Webster+ Page          |   |
| Appearance          |                             |   |
| Symbol:             | undo 🛅 🦻                    |   |
| Position:           | Left ~                      |   |
| HTML Class:         | text_green                  |   |
| Size                |                             |   |
| Width: Colum        | ns v Auto 🗘 🦻 Height 2.00 🗘 |   |
| HTML                |                             |   |
| Event:              | go_back                     |   |
| 0.1 0.1             | ()                          |   |



## INPUT FIELD

#### ADD AN INPUT FIELD

- Based on NOMADS Panel Designer Multi-Line definition
  - Additional Webster+ folder tab

| PVX PLUS<br>TECHNOLOGIES LTD.  | Add an Input Field   | 0 – 🗆 X        | PVX PLUS<br>TECHNOLOGIES LTD.       | Add an li         | nput Field      | 0 - 🗆          |
|--|--|----------------|-------------------------------------|-------------------|-----------------|----------------|
| Name: INPUT_FIELD_1  Prompt Comments   | Class: Dynamic Class   | <b>m</b> 🕞 🔗   | Name: INPUT_FIELD_1 Prompt Comments | Class: Class:     | Dynamic Class   | <b>#</b> 🖗     |
| Display     Eont/Color     Attributes     Logic       Initial Value     Fixed        Fixed         Imput Length        Fixed        Empty Value:     Fixed       Implied Decimal Point     Default       Position     Size       Column:     0.00       Line:     0.00       Width:     45.00       Line:     0.00       Span Multiple Lines | 2 User Aids Validation Query<br>Input Format<br>Fixed ✓<br>Separator: <std>✓<br/>Attributes<br/>↓ Tab Stop Initially Disabled<br/>↓ Numeric Initially Hidden</std> | Webster+ 🦻     | Display Eont/Color Attributes       | Logic UserAids ⊻i | alidation Query | Webster+       |
|  | ŌK   | <u>C</u> ancel |                                     |                   | <u>0</u> K      | <u>C</u> ancel |

| Comments: |  |
|-----------|--|

# TEXT

### ADD TEXT

- More flexibility than typing text into the layout grid cell
- Fixed, Expression, Message Library Reference/HTML

🕦 — 🗆 X PVX PLUS Add Text ADDED\_TEXT\_1 Text Control Name: Webster+ NOMADS ✓ Include Text on NOMADS Panel Text Fixed ✓ Heading Text Visual Class Expression \*SUBTITLE ~ 🦻 Size 🗸 🛛 Auto 🗘 🥬 2.00 🗘 Width: Columns Height: Span Multiple Lines <u>0</u>K <u>C</u>ancel

### NOMADS

| Heading Text |  |
|--------------|--|
|              |  |
|              |  |



|                          | LUS Add Text  | () — 🗆 >       |
|--------------------------|---|----------------|
| Text Control Name:       | ADDED_TEXT_1  |                |
| Include Text on V        | Vebster+ Page   |                |
| Text<br>HTML ~           | File       Edit       Insert       View       Format $\Box$ <b>B</b> $I$ $\Psi$ $\Xi$ $\Xi$ $\Xi$ | Table          |
|                          | Heading Text  |                |
|                          | P » SPAN 2 WORDS PC   | WERED BY TINY  |
| HTML                     |   |                |
| Event:<br>Other Options: |   | Ø              |
| Span Multiple Lines      | <u>0</u> K  | <u>C</u> ancel |

WEBSTER+

### BUTTON BAR

#### ADD BUTTON BAR

- Defines multiple buttons in a row
  - Similar to defining Additional buttons

| C           | PVX PLUS         |          | Ac                  | id Button Bar | 0 -            | - O X      |
|-------------|------------------|----------|---------------------|---------------|----------------|------------|
|             | Control Name     | Туре     | Text                | NOMADS Bitmap | Webster Symbol | ^ 😳        |
| 1           | BUTTON_BAR_1     | Standard | Button One          |               |                | 8          |
| 2           | BUTTON_BAR_2     | Standard | Button Two          |               |                |            |
| 3           | BUTTON_BAR_3     | Standard | Button Three        |               |                |            |
| 4           |                  |          |                     |               |                | 12         |
| 5           |                  |          |                     |               |                | 18         |
| 6           |                  |          |                     |               |                |            |
| 7           |                  |          |                     |               |                | 5          |
| <u>R</u> er | nove All Buttons |          | 🗸 Span Multiple Lir | nes           |                | <u>о</u> к |



|  | Add a Button              |
|--|---------------------------|
| vpe: Standard ~ Text: Button One NOMADS Webster+   |                           |
| Include Button on NOMADS Panel  Appearance Bitmap: Position: Left Voual Class:   |                           |
| Size       Width:     Columns       Visual Class.     12.00 (2) (2)       When Button Pressed Logic       Ignore     V | Height: 3.00 Ç            |
|  | <u>Q</u> K <u>C</u> ancel |

# GRID (WEBSTER+ ONLY)

#### ADD A GRID

- An Interface Program method is required to populate memory file
- <u>Webster+ Grid Example</u>
- So far, would still need to be added in the NOMADS designer for NOMADS

|   | PLUS  |            |  |   | Ad  | d a Web | ster+   | Grid                                       |  |                      |     |  | 0 -    | ш.  |
|---|---|------------|--|---|---|---------|---|--|--|----------------------|-----|--|--------|-----|
| Grid Variable (ch   | hannel number of the memo                         | ory file): | MyGnd  |   |   |         |   |  |  |                      |     |  |        |     |
| Size  | Width: Columns                                    | v .        | Auto 🗘 🕐 Height  | 10.00 0   |   |         |   |  |  |                      |     |  |        |     |
| ppearance   | Grid Class:                                       |            |  | D Header Class:   |   |         |   |  |  | Ð                    |     |  |        |     |
|   | Grid Lines  | In In      | clude Drag Column  | Include Delete Column   |   |         |   |  |  |                      |     |  |        |     |
| terfaces  | Initialization Program                            | test i     | nterface load MyGrid   |   |   |         |   |  |  |                      |     |  |        |     |
| olumn Definit   | tions   |            |  |   |   |         |   |  |  |                      |     |  |        |     |
|   | Definition Type                                   |            | Variable   | Title   | W   | dth     | l e   | Align                                      | Cell T   | ype                  | Lck | Other Options  |        | 10  |
|   |   |            |  |   |   |         |   |  | r Normal   | -                    |     | class=bold,text_red  |        | 1.0 |
| ile/Company/Sal   | lesreps   | Q          | SalesRepCodeS  | Fixed= Sales Rep Code   | Fixed= 20.00  |         | Left  |  | . reciricat  |                      | _   |  |        | in  |
| ile/Company/Sa<br>ile/Company/Sa  | lesreps<br>lesreps                                | 00         | SalesRepCodeS<br>NameS   | Fixed= Sales Rep Code<br>Fixed= Name  | Fixed= 20.00  |         | Left  | 1 1  | Normal   | *                    |     |  |        |     |
| ile/Company/Sa<br>ile/Company/Sa<br>ile/Company/Sa  | lesreps<br>lesreps<br>lesreps                     | 000        | SalesRepCodeS<br>NameS<br>ImagePathS   | Fixed= Sales Rep Code<br>Fixed= Name<br>Fixed= Image  | Fixed= 20.00<br>Fixed= 25.00<br>Fixed= 6.00   |         | Left<br>Left<br>Cen   | t T  | Normal     Image   | *                    |     | size=6/2   |        |     |
| ile/Company/Sa<br>ile/Company/Sa<br>ile/Company/Sa<br>lata Class/Depart   | ilesreps<br>Ilesreps<br>Itment                    | DDDD       | SalesRepCodeS<br>NameS<br>ImagePathS<br>DepartmentS  | Fixed= Sales Rep Code<br>Fixed= Name<br>Fixed= Image<br>Fixed= Department   | Fixed= 20.00<br>Fixed= 25.00<br>Fixed= 6.00<br>Fixed= 24.00   |         | - Left<br>- Cen   | t T  | <ul> <li>Normal</li> <li>Image</li> <li>DropBo</li> </ul>  | <b>v</b><br><b>v</b> |     | size=6/2   |        |     |
| ile/Company/Sa<br>ile/Company/Sa<br>ile/Company/Sa<br>ile/Company/Sa<br>ile/Company/Sa  | lesreps<br>lesreps<br>tment<br>lesreps            | 00000      | SalesRepCodeS<br>NameS<br>ImagePathS<br>DepartmentS<br>ytdOrders                                 | Fixed= Sales Rep Code<br>Fixed= Name<br>Fixed= Image<br>Fixed= Department<br>Fixed= VTD Orders  | Fixed= 20.00<br>Fixed= 25.00<br>Fixed= 6.00<br>Fixed= 24.00<br>Fixed= 15.00   |         | - Left<br>- Left<br>- Cen<br>- Left<br>- Rigi                     | t T  | <ul> <li>Normal</li> <li>Image</li> <li>DropBo</li> <li>Normal</li> </ul>  | * * *                |     | size=6/2   |        |     |
| ile/Company/Sa<br>ile/Company/Sa<br>ile/Company/Sa<br>ilata Class/Depart<br>ile/Company/Sa<br>imple Variable                  | lesreps<br>lesreps<br>tment<br>lesreps            | 000000     | SalesRepCodeS<br>NameS<br>ImagePathS<br>DepartmentS<br>ytdOrders<br>EmailS                       | Fixed= Sales Rep Code<br>Fixed= Name<br>Fixed= Image<br>Fixed= Department<br>Fixed= YTD Orders<br>Fixed= Send Email   | Fixed= 20.00            Fixed= 25.00            Fixed= 6.00            Fixed= 24.00            Fixed= 15.00            Fixed= 15.00            Fixed= 12.00 |         | - Left<br>- Cen<br>- Left<br>- Rigi<br>- Left                     | t T  | <ul> <li>Normal</li> <li>Image</li> <li>DropBo</li> <li>Normal</li> <li>Button</li> </ul>                                | * * *<br>* * *       |     | sižes6/2<br>text="Email" symbol= envelope size= 11/1.5 event:  | s=mail |     |
| ile/Company/Sa<br>ile/Company/Sa<br>lata Class/Depart<br>ile/Company/Sa<br>imple Variable<br>imple Variable                   | lesreps<br>lesreps<br>lesreps<br>tment<br>lesreps | 000000     | SalesRepCodeS<br>NameS<br>ImagePathS<br>DepartmentS<br>ytdOrdens<br>EmailS<br>ImageS             | Fixed= Sales Rep Code<br>Fixed= Name<br>Fixed= Image<br>Fixed= Department<br>Fixed= VTD Orders<br>Fixed= Send Email<br>Fixed= Fixed Image                   | Fixed= 20.00<br>Fixed= 25.00<br>Fixed= 25.00<br>Fixed= 24.00<br>Fixed= 15.00<br>Fixed= 12.00<br>Fixed= 12.00  |         | Left<br>Cen<br>Left<br>Rigi<br>Left<br>Left                       | t T<br>nter T<br>t T<br>ht T<br>t T        | <ul> <li>Normal</li> <li>Image</li> <li>DropBo</li> <li>Normal</li> <li>Button</li> <li>Image</li> </ul>                 | * * * * *            |     | sizes 6/2<br>texts "Email" symbols envelope sizes 11/1.5 event<br>files "plus/inomads/sysimage/book_open.png                         | s=mail |     |
| ile/Company/Sa<br>ile/Company/Sa<br>lata Class/Depart<br>ile/Company/Sa<br>imple Variable<br>imple Variable<br>imple Variable | lesreps<br>lesreps<br>lesreps<br>tment<br>lesreps | 0000000    | SalesRepCodeS<br>NameS<br>ImagePathS<br>DepartmentS<br>ytdOrders<br>EmailS<br>ImageS<br>CommentS | Fixed= Sales Rep Code<br>Fixed= Name<br>Fixed= Image<br>Fixed= Department<br>Fixed= VTD Orders<br>Fixed= Send Email<br>Fixed= Fixed Image<br>Fixed= Comment | Fixed= 20.00<br>Fixed= 25.00<br>Fixed= 25.00<br>Fixed= 24.00<br>Fixed= 15.00<br>Fixed= 12.00<br>Fixed= 12.00<br>Fixed= 20.00                                |         | - Left<br>- Cen<br>- Left<br>- Rigi<br>- Left<br>- Left<br>- Left | t T<br>nter T<br>t T<br>ht T<br>t T<br>t T | <ul> <li>Normal</li> <li>Image</li> <li>DropBo</li> <li>Normal</li> <li>Button</li> <li>Image</li> <li>Normal</li> </ul> | * * * * * * * * *    |     | sizes 6/2<br>Text: "Email" symbols:envelope sizes 11/1.5 event<br>File: "plus/inomads/sysimage/book_open.png<br>tigs:"Exter Comment" | semail |     |

|      |                |              |     |                        |            |            |             |         |     | _ |
|------|----------------|--------------|-----|------------------------|------------|------------|-------------|---------|-----|---|
| Drag | Sales Rep Code | Name         | lma | Department             | YTD Orders | Send Email | Fixed Image | Comment | Del |   |
| ≡    | AN Q           | Ann Nelson   | 2   | Eastern Canada Sales 🗸 | 4          | Email      | ι.          |         | 0   | ^ |
| =    | EM Q           | Ben Mackay   | 9   | Ontario Sales 🗸        | 2          | Email      | ų.          |         | 0   |   |
| =    | вт 🧠           | Betty Turner | 2   | Eastern Canada Sales 🗸 | 8          | Email      | 0           |         | 0   | - |

See 'PxPlus on the Web File Maintenance Generator Demo' PDF for more details

# EMBED A PANEL / SHORT CODES

### EMBED A PANEL/SHORT CODES

• NOMADS Embedded Panel

| Embedded Ch | eckbox          |
|-------------|-----------------|
|             |                 |
|             | embedded button |



• Webster+ HTML Short Codes

Added Webster+ Check Box

## EVENTS (WEBSTER+ ONLY)

#### HTML EVENTS

- HTML Events can be added to a Field or an Object
  - Event logic should be added to the HTML Interface Program
  - Analogous to On Change or When Button Pressed logic in NOMADS

|                | PLUS         | Add an HTML Event / Other Options | 0 X            |
|----------------|--------------|-----------------------------------|----------------|
| Field Name:    | CLIENTNAME\$ |                                   |                |
| Webster+ HTMI  | -            |                                   |                |
| Event          | event_name   |                                   |                |
| Other Options: | class=bold   |                                   | ?              |
|                |              | <u>O</u> K                        | <u>C</u> ancel |

|                      | Add a Button             | <b>0</b> ×     |
|----------------------|--------------------------|----------------|
| Button Control Name  | BUTTON_1                 |                |
| Type: Standard       | ✓ Text Go Back           |                |
| NOMADS               | Webster+                 |                |
| Include Butto        | n on Webster+ Page       |                |
| Appearance           | 10 D - 1                 |                |
| Symbol:              |                          |                |
| Position:            | Left ~                   |                |
| HTML Class:          | bold                     | 9              |
| Size<br>Width: Colum | ns v Auto 🗘 🦻 Height 2.0 | 00             |
| HTML                 |                          |                |
| Event:               | event_name               |                |
| Other Options:       | tip="Press to Go Back"   | <b>?</b>       |
| Span Multiple Li     | <u>0</u> K               | <u>C</u> ancel |

# CALCULATIONS (WEBSTER+ ONLY)

### **HTML CALCULATIONS**

- HTML Calculations may also be added for a Field, an Object or a Hidden Variable
  - A Priority of 1 9 (default of 5) may be assigned in case the calculation order is important
  - Would probably be done via Post Create, When Receiving Focus or On Change logic in NOMADS

|                           | OLOGIES LTD.         | Add an HTML Calculation |
|---------------------------|----------------------|-------------------------|
| Field Name                | HOMENUMBER\$         |                         |
| Webster+ HTI              | ML Calculation       |                         |
|                           |                      |                         |
| Calculation:              | "(416)"+HomeNumber\$ |                         |
| Calculation:<br>Priority: | "(416)"+HomeNumber\$ |                         |

|  | PLUS                         |       | Add a             | an Input Field |          | 0 -           | • x |
|--|------------------------------|-------|-------------------|----------------|----------|---------------|-----|
| Name: INPUT<br>Prompt Total S                              | _FIELD_2                     | Depti | Class:            | Dynami         | c Class  | ñ 🕏           | Ç., |
| <u>D</u> isplay <u>F</u> o                                 | ont/Color <u>A</u> ttributes | Logic | <u>U</u> ser Aids | Validation     | Query    | Webster+      | 9   |
| HTML<br>Class:<br>Event:<br>Calculation:<br>Other Options: | ytdSales+prvSales            |       |                   |                | Priority | Ø             |     |
|  |                              |       |                   | [              | Ōĸ       | <u>C</u> ance |     |

|   | PLUS                         | Hidden Variable Options | 0              | X |
|---|------------------------------|-------------------------|----------------|---|
| Field Name<br>Description                 | PhoneNumber\$<br>Phonenumber |                         |                |   |
| Initial Value                             | ~                            |                         |                |   |
| Webster+ HTM<br>Calculation:<br>Priority: | L Calculation                |                         |                |   |
| Clea <u>r</u> Option                      | 5                            | <u>0</u> K              | <u>C</u> ancel |   |

BRIDGING THE PAST AND THE FUTURE

## LAYOUT GRID INDICATIONS

### **GRID INDICATIONS**

- Cell tick colors are used to indicate cells with Events and/or Calculations
- Double-clicking on cells will allow Events/Calculation settings to be edited

Department (\*Department)

Commission YTD (ytdCommission)

Office Phone (\*PhoneNumber)

**Red** indicates an Event

**Blue** indicates a Calculation

Purple indicates both

# HIDDEN VARIABLES (WEBSTER+ ONLY)

| Select   | field layo       | ut options    |   |
|----------|------------------|---------------|---|
| Use S    | SmartPhon        | e Layout      |   |
| Field Na | me               |               |   |
| ImagePa  | th               |               | _ |
|          |                  |               |   |
|          |                  |               |   |
|          |                  |               |   |
|          |                  |               |   |
|          |                  |               |   |
|          |                  |               |   |
|          |                  |               |   |
|          |                  |               |   |
| Se       | lec <u>t</u> All | <u>R</u> eset |   |
| Н        | lidden Vari      | ables         |   |
|          |                  |               |   |

### **HIDDEN VARIABLES**

- Variables that do not appear on the HTML page but are still needed for some other reason such as a calculation
  - Variables that are Fields in the file being maintained
  - Variables added as Input Objects
  - Any other variable

### HIDDEN VARIABLE DIALOGS

#### **INCLUDE HIDDEN VARIABLES ON HTML PAGE**

- Main dialog to define the Hidden Variables
  - Options dialog for each variable defined

|                                      |   |   |  |   | 0                         | X |
|--------------------------------------|---|---|--|---|---------------------------|---|
| TECHNOLOG                            | SIES LTD.   | Include Hidden \  | /ariables on HTMI                                  | Page DEMO.html  |                           |   |
| Fields or<br>in calcul<br>Field is s | r Additional Variables that do not ap<br>ations associated with other data file<br>subsequently added to the Panel La | pear on the HTML fo<br>fields or with Input fie<br>yout Grid. | rm may still be added a<br>elds added to the form. | as "Hidden Variables" if they are<br>Hidden Variables will be remov | e to be used<br>ed if the |   |
| Fields Available                     |   |   | Hidden Variables                                   |   |                           | - |
| Field Name                           | Description   | Assign 🕨  | Variable Name                                      | Description   | Options                   | 4 |
| Email\$                              | Email Address   |   | CommissionRate                                     | Commission Rate (%)   |                           |   |
| ImagePath\$                          | Image Pathname  |   | something_else                                     | (Additional Variable)   |                           |   |
| MobileNumber\$                       | Mobile Phone  |   |  |   |                           | - |
| PhoneExtension\$                     | Phone Extension   |   |  |   |                           |   |
| Printer\$                            | Printer   |   |  |   |                           |   |
| prvCommission                        | Commission Prior  |   |  |   |                           |   |
| ytdSales                             | Sales Amt   |   |  |   |                           |   |
| Additional Variab                    | les   |   |  |   |                           |   |
|                                      |   | Add [   |  |   |                           |   |
|                                      |   |   |  | <u>0</u> K  | <u>C</u> ancel            |   |

|                           | PLUS                                  | Hidden Variable Options | 1 X            |
|---------------------------|---------------------------------------|-------------------------|----------------|
| Field Name<br>Description | CommissionRate<br>Commission Rate (%) |                         |                |
| Initial Value             | ~                                     |                         |                |
| Webster+ HTM              | L Calculation                         |                         |                |
| Calculation:              |                                       |                         |                |
| Priority:                 | 5 V (                                 |                         |                |
| Clea <u>r</u> Options     | ŝ                                     | <u>O</u> K              | <u>C</u> ancel |

# ENHANCED LAYOUT (VERSION 2024)

#### **NEW LAYOUT OPTION**

- Enhanced Layout
  - Default layout for new panels
  - Previous (Two-Column) layout is still available

|                        |                                     |                                      |          |              |                  |        |                         |        | X |
|------------------------|-------------------------------------|--------------------------------------|----------|--------------|------------------|--------|-------------------------|--------|---|
| 🔮 File Maintenance Gen | erator for panel:                   | products                             |          |              |                  |        | _                       |        | × |
| Step 1: File Main      | tenance Ob                          | ject Definition                      |          |              |                  |        |                         |        | 1 |
|                        | 2                                   | 3                                    | 4        |              | 5                | 6      |                         | - 7 -  | _ |
| Definition             | Properties                          | Screen                               | Controls | Ke           | eys              | Fields | ;                       | Finish |   |
| Select the file ma     | <b>iintenance te</b><br>e Template: | mplate and layout format             | ۲.       |              |                  | Layout | Enhanced<br>Enhanced    | ~      |   |
| Select the type o      | f form(s) to c                      | reate 🦻                              |          |              |                  |        | Two-Column              |        |   |
| Form Type:             | NOMAD                               | S Panel HTML Page                    |          | Non-File N   | laintenance Forr | n      |                         |        |   |
| Select the table f     | rom the data                        | dictionary                           |          |              |                  |        |                         |        |   |
| Table Name:            |                                     |                                      | Q        |              | Panel Title Syml | bol:   |                         |        |   |
| Panel Title:           |                                     |                                      | 9        |              |                  |        | ļ                       |        |   |
| Enter the mainter      | ance object                         |                                      |          |              |                  |        |                         |        |   |
| File Maintenance       | e Object                            | Use the Standard File Maintenance Of | bject    | ~ 😕          |                  |        |                         |        |   |
| Object Name:           |                                     | *win/fm_maint.pvc                    |          |              |                  | 📃 Inqu | iry Only                |        |   |
| Enter the optiona      | I HTML inter                        | ace program                          |          |              |                  |        |                         |        |   |
| Interface Program      | m:                                  |                                      |          | ) (          |                  |        |                         |        |   |
| Preview NOMA           | DS Panel                            | Ŧ                                    |          | <u>B</u> ack | Next             | И      | <u>F</u> inish <u>C</u> | ancel  |   |

### ENHANCED LAYOUT GRID

### ENHANCED LAYOUT GRID DISPLAY

- Displays Full, Half, Third and Quarter section sizes in the Enhanced Layout grid
  - Third and Quarter section sizes now also available for NOMADS panels

|                  | Sec | tions | ^ |
|------------------|-----|-------|---|
| Half Sections    |     |       |   |
|                  |     |       |   |
| Full Sections    |     |       |   |
|                  |     |       |   |
| Third Sections   |     |       |   |
|                  |     |       |   |
| Quarter Sections |     |       |   |
|                  |     |       |   |
|                  |     |       | ~ |

BRIDGING THE PAST AND THE FUTURE

### ENHANCED LAYOUT GRID POPUP MENU



### ENHANCED LAYOUT GRID POPUP

- Section sizes are selected via the Popup Menu
  - All unpopulated rows sharing the same section size below the current cell are changed
  - Third Section can only be selected on Full Section cell
  - Flex Section only available when HTML page is being generated
    - Control can be made wider/narrower at runtime

### ENHANCED LAYOUT SIZING

#### PANEL WIDTH CALCULATION

- All alike section sizes are the same width so calculated panel width is largest of:
  - Widest Full Section
  - Widest Half Section x 2
  - Widest Third Section x3
  - Widest Quarter Section x 4

| Canadian Automotive<br>Toy Store   |                      | Product File Maintenance  |  | 1 ×           |
|--|----------------------|---|--|---------------|
| *Product Code:       Q       I | Product Description: | *Standard Cost: 0.00<br>Prior Year Sales: 0.00<br>YTD Qty Sold: 0 | Prior Year Sold: 0<br><u>W</u> rite <u>D</u> elete <u>C</u> lear | E <u>x</u> it |

• Important to place wide fields and controls in larger Sections to avoid excess white space

## ENHANCED LAYOUT ADVANTAGES

| CONSIDERATION                     | LAYOUT<br>CHOICE | EXPLANATION   |
|-----------------------------------|------------------|---|
| Panel layout<br>flexibility       | Enhanced         | The Enhanced layout provides options for defining a row with Full, Half, Third<br>or Quarter sections, which allows for more flexibility for both NOMADS<br>panels and Webster+ HTML pages.   |
| Ease of visualizing<br>Sections   | Enhanced         | While the Two-Column layout can be used to create Quarter and Third<br>sections for Webster+ HTML pages, these section sizes have no impact on the<br>NOMADS panel being generated.<br>The Enhanced layout makes it easier to use and visualize these sections for<br>both NOMADS panels and Webster+ HTML pages. |
| > 2 columns needed<br>(in NOMADS) | Enhanced         | To generate a NOMADS panel with more than two columns, the <i>Enhanced</i> layout must be used.   |

# TWO-COLUMN LAYOUT ADVANTAGES

| CONSIDERATION           | LAYOUT<br>CHOICE | EXPLANATION   |
|-------------------------|------------------|---|
| Narrow column<br>widths | Two-Column       | Because the Left and Right sides of the Two-Column layout can have<br>differing widths, the resulting NOMADS panel may be narrower if<br>narrow elements are all placed on one side of the layout.  |
| Minimum panel width     | Two-Column       | When using the Enhanced layout, care must be taken to avoid a wide panel with excess white space.<br>In the Layout Grid, placing a wide element in a cell defined as a Quarter section will result in a NOMADS panel that is four times wider than the wide element (including the prompt for data file fields). Very wide elements should be placed in cells defined with larger section sizes, such as Full or Half sections. |

## COMPLETED LAYOUT GRID

#### LAYOUT GRID EXAMPLE

- How to Use the Enhanced Layout
- <u>Enhanced Layout Sample</u>
   <u>Panels</u>

| 🛞 File Maintenance Generato | or for panel: produc | ts                           |                       |                         |                           | – 🗆 X            |
|-----------------------------|----------------------|------------------------------|-----------------------|-------------------------|---------------------------|------------------|
| Step 6: File Mainten        | ance Field La        | yout                         |                       |                         |                           | 0                |
| _                           | _                    | _                            | _                     | _                       | _                         | _                |
| - 1                         | 2                    | 3                            | 4                     | 5                       | 6                         | 7                |
| Definition                  | Properties           | Screen                       | Controls              | Keys                    | Fields                    | Finish           |
| Select field layout opt     | tions 🤅              | D                            |                       |                         |                           |                  |
| Use SmartPhone Layo         | out                  | Folder                       | Panel:                | Main Panel              | ~ I 🔓                     | Add Object 💌     |
| Field Name                  |                      |                              |                       | Sections                |                           | ^                |
|                             | Pr                   | oduct Description (Descri    | ption)                | * Image * (W:Au         | to x H:7)                 |                  |
|                             | P                    | ice (*Price)                 |                       |                         |                           |                  |
|                             | Q                    | uantity on Hand (QtyOnHa     | nd)                   |                         |                           |                  |
|                             | St                   | andard Cost (*StandardCo     | ost)                  |                         |                           |                  |
|                             | * +                  | Horizontal Line *            |                       |                         |                           |                  |
|                             | Y                    | TD Sales (ytdSales)          | YTD Qty Sold (ytdQtyS | old) Prior Year Sale    | s (prvSales) Prior Year S | old (prvQtySold) |
|                             | * +                  | Horizontal Line *            |                       |                         |                           |                  |
|                             | * L                  | .ist Box * (W:Auto x H:10) F | RODSALES              |                         |                           |                  |
| Selec <u>t</u> All          | <u>R</u> eset        |                              |                       |                         |                           |                  |
| Hidden Variable             | S                    |                              |                       |                         |                           | ~                |
| Field Name=*StandardCos     | st, Type=Numer       | ic, Size=6                   |                       |                         |                           |                  |
| Preview NOMAD               | S Panel              | -                            | 14                    | <u>B</u> ack <u>N</u> e | xt 🕅 <u>F</u> inish       | <u>C</u> ancel   |

## **STEP 7: COMPLETION**

### COMPLETION

- Updates to summary Grid for new inputs and Enhanced Layout
- Save Template button
- Added Confirm files and panels updated on completion check box
- Press *Finish* button to generate panel(s) and/or HTML page

|  | panel: mkeysold                 |  |                |                        |        | - 🗆 X      |
|--|---------------------------------|--|----------------|------------------------|--------|------------|
| tep 7: File Maintenanc   | ce Generator                    | Completion   |                |                        |        | 0          |
| 11 E   | 2                               | 3  | 4              | 5                      | 6      | 7          |
| Definition Prop  | perties                         | Screen   | Controls       | Keys                   | Fields | Finish     |
| File Maintena  | ance Ge                         | enerator Su  | IMMARY         | ance Template settings | s. Sav | e Template |
| Definition   |                                 |  |                |                        |        | ^          |
| Template:  | No                              | ne   |                |                        |        |            |
|  |                                 |  |                |                        |        |            |
| Form Type:   | NC                              | MADS Panel & HTML p  | age            |                        |        |            |
| Form Type:<br>Table Name:  | NC<br>Clie                      | MADS Panel & HTML part<br>entContacts  | age            |                        |        |            |
| Form Type:<br>Table Name:<br>Panel Title:  | Clie                            | MADS Panel & HTML p<br>entContacts<br>ent Contacts Maintenanc                              | e              |                        |        |            |
| Form Type:<br>Table Name:<br>Panel Title:<br>Panel Title Symbol:   | Clie<br>Clie                    | MADS Panel & HTML p<br>entContacts<br>ent Contacts Maintenanc                              | e              |                        |        |            |
| Form Type:<br>Table Name:<br>Panel Title:<br>Panel Title Symbol:<br>Object Name:   | Clie<br>Clie<br>*wi             | MADS Panel & HTML p<br>entContacts<br>ent Contacts Maintenanc<br>n/fm_maint.pvc (Standar   | age<br>e<br>d) |                        |        |            |
| Form Type:<br>Table Name:<br>Panel Title:<br>Panel Title Symbol:<br>Object Name:<br>Inquiry Only:  | NC<br>Clie<br>Clie<br>*wi<br>No | IMADS Panel & HTML p.<br>entContacts<br>ent Contacts Maintenanc<br>n/fm_maint.pvc (Standar | age<br>e<br>d) |                        |        |            |
| Form Type:<br>Table Name:<br>Panel Title:<br>Panel Title Symbol:<br>Object Name:<br>Inquiry Only:<br>HTML Interface Program:                               | NC<br>Clit<br>Clit<br>*wi<br>No | IMADS Panel & HTML p.<br>entContacts<br>ent Contacts Maintenanc<br>n/fm_maint.pvc (Standar | age<br>e<br>d) |                        |        |            |
| Form Type:<br>Table Name:<br>Panel Title:<br>Panel Title:<br>Panel Title Symbol:<br>Object Name:<br>Inquiry Only:<br>HTML Interface Program:<br>Properties | NC<br>Clit<br>Clit<br>*wi<br>No | IMADS Panel & HTML p.<br>ntContacts<br>ent Contacts Maintenanc<br>n/fm_maint.pvc (Standar  | age<br>e<br>d) |                        |        |            |



| 🚭 Save File Maintenance Template Settings |            |               |  |  |  |  |
|---|------------|---------------|--|--|--|--|
| File Maintenance Template Save Settings   |            |               |  |  |  |  |
| Template: Tem                             | plate_Name | ~             |  |  |  |  |
| Default Template                          | <u>O</u> k | E <u>x</u> it |  |  |  |  |



# OUTPUT



### PROCESSING A NOMADS PANEL

#### **PROCESS A NOMADS PANEL**

 For File Maintenance panels, arg\_1\$ is used for passing the key to a record to initially display

PROCESS "panel","[lib]",arg\_1\$,arg\_2\$, ... arg\_20\$

#### Examples

PROCESS "products", "scrnlib.en"

Displays 'products' File Maintenance panel

PROCESS "products", "scrnlib.en", "BUS-3111-CYN"

Displays 'products' File Maintenance panel with the BUS-311-CYN record displayed

### COMPLETED NOMADS PANEL

| Canadian<br>Toy Store   | Automotive  | Product File Maintenance  | • ×           |
|---|---|---|---------------|
| Product Code:   | BUS-3111-CYN 🔍 🛛 🖓 🖓 ▷ ▷]   |   |               |
| Product Description<br>Price:<br>Quantity on Hand:<br>Standard Cost   | Bus - Cyan           8.50           677           6.38  |   |               |
| YTD Sales:  | 3,493.50 YTD Qty Sold: 411  | Prior Year Sales: 12,690.50 Prior Year Sold: 1493   |               |
| Invoice         Qty.           100006         5           100012         10           100014         10           100023         15           100090         25           100093         10           100133         10           100173         5           100179         1 | ClientName429878Nacogdoches Hardware Store895258Panola Steak House228045Leon Bistro and Bar626449Coryell Wedding Chapel517990Gregg Office Supplies228045Leon Bistro and Bar039816Williamson Roofing196884Hardin Fencing566143Guadalupe Winery | Price         Total           8.50         \$42.50           8.50         \$85.00           8.50         \$85.00           8.50         \$85.00           8.50         \$127.50           8.50         \$212.50           8.50         \$85.00           8.50         \$85.00           8.50         \$85.00           8.50         \$85.00           8.50         \$85.00           8.50         \$85.00           8.50         \$85.00           8.50         \$85.00 | ~             |
|   |   | <u>W</u> rite <u>D</u> elete <u>C</u> lear  | E <u>x</u> it |

• Has Image, 4 columns and a List Box

### GENERATED HTML PAGE

| 📔 C:\v      | webster/pages/products.html - Notepad++  |         | ×            |
|-------------|--|---------|--------------|
|             | in a ser en la companya de |         |              |
| <u>File</u> | dit Search View Encoding Language Settings Iools Macro Kun Plugins Window ?  | + 🔻     | ×            |
| 🔁 📥         | 🗄 🐚 🔂 🕼 🕼   🔏 👘   🔁 C   # 🏂 🔄 🤄 🖆 🚰   🎰 🐐 🔢 🖾 👘  |         |              |
| 🔚 prod      | ducts.html 🔀   |         |              |
| 31          | -[/section]  |         | $\mathbf{A}$ |
| 32          | p[section quarter]   |         |              |
| 33          | [row "\[show usefile field=ytdSales\]:"][input ytdSales usefile][/row]   |         |              |
| 34          | [/section]   |         |              |
| 35          | <pre>[section quarter]</pre>   |         |              |
| 36          | [row "\[show usefile field=ytdQtySold\]:"][input ytdQtySold usefile][/row]   |         |              |
| 37          | [[/section]  |         |              |
| 38          | [[section quarter]   |         |              |
| 39          | [row "\[show usefile field=prvSales\]:"][input prvSales usefile][/row]   |         |              |
| 40          | -[/section]  |         |              |
| 41          | [section quarter]  |         |              |
| 42          | [row "\[show usefile field=prvQtySold\]:"][input prvQtySold usefile][/row]<br>br>  |         |              |
| 43          | - [/section]   |         |              |
| 44          | cp>[section whole]   |         |              |
| 40          |  |         |              |
| 47          | [/section]/p/  |         |              |
| 48          | [] [] [] [] [] [] [] [] [] [] [] [] [] [   | 1chr/>  |              |
| 49          | [//section]  | 1<01/2  |              |
| 50          | <pre>(n) (section whole [/section]</pre>   |         |              |
| 51          | <pre>(p) [section flex class="fm btmbtn float right"][button id=ADDL BUTTON 2 size=Auto/2 class="fm action"][symbol 'Help]</pre>   | More In | f            |
| 52          | [depends 1=1 invert]<br>   |         | -            |
| 53          | [hide fm changes value=0]  |         |              |
| 54          | [hide fm event\$ value=""]   |         | $\mathbf{v}$ |
| <           |  | >       |              |
| Hyper Te    | ext Markup Language file length : 3,381 lines : 79 Ln : 48 Col : 12 Pos : 1,760 Windows (CR LF) UTF-8  | INS     |              |

• Educational tool for learning Webster+ short codes and options

### WEBSTER+ PAGE

### **DISPLAY A WEBSTER+ PAGE**

- A Webserver of some sort must be running
  - EZWeb
  - Apache
  - IIS

|   | -                   |                          | ×  |  |
|---|---------------------|--------------------------|--|--|
| $\leftrightarrow$ $\rightarrow$ C $\widehat{\mathbf{O}}$ 127.0.0.1:8088/webster.pxp?pg\$=products |                     |                          |  |  |
| rum 💡 Commute Home 	 🎯 KnowBe4  |                     |                          |  |  |
|   |                     |                          |  |  |
| Product File Maintenance  |                     |                          |  |  |
|   |                     |                          |  |  |
| Product Description: Bus - Cyan<br>Price: 8.50<br>Quantity on Hand: 677<br>Standard Cost: 6.38    |                     |                          |  |  |
| 411 Prior Year Sales: 12,690.50 Prior Year Sold:  | 1,493               |                          |  |  |
| Price Total   |                     |                          |  |  |
| 8.50 \$42.50 ^  |                     |                          |  |  |
| 8.50 \$85.00  |                     |                          |  |  |
| 8.50 \$85.00  |                     |                          |  |  |
| 8.50 \$127.50   |                     |                          |  |  |
| 8.50 \$212.50 -   |                     |                          |  |  |
| Write Delete Clear  |                     | Exit                     |  |  |
|   |                     |                          |  |  |
|   | um ~ ♥ Commute Home | -<br>wm ~ ♥ Commute Home | - □     ★     • |  |

- Navigate to URL
  - http://server\_address:port/?pg\$=html\_page

# IN CONCLUSION

#### THE FILE MAINTENANCE GENERATOR HAS COME A LONG WAY SINCE PXPLUS 2019

- Regenerate Panels
- Non-File Maintenance Panels
- Added Flexibility with many new Settings/Options
- Additional Browse/Action Buttons
- Hyperlinks
- Dependencies

- Create Webster+ Pages
  - Events
  - Calculations
  - Grids
  - Hidden Variables
- Enhanced Layout