

Query+ Enhancements

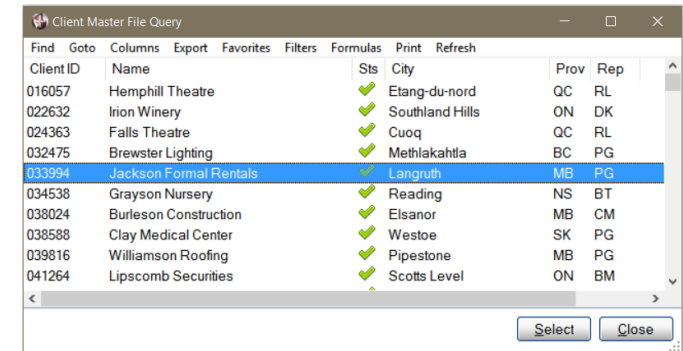
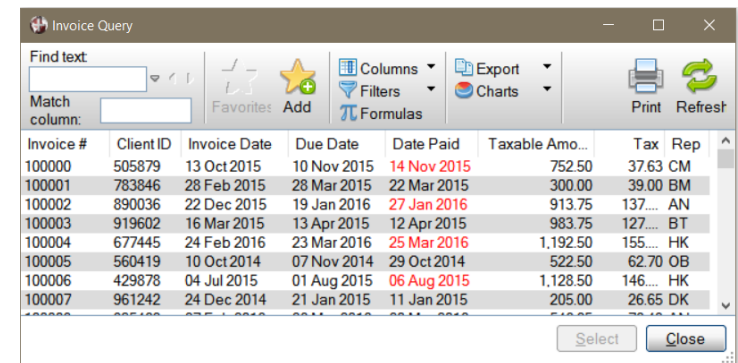
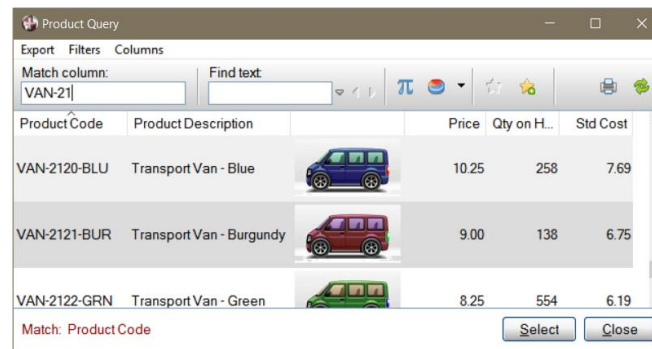
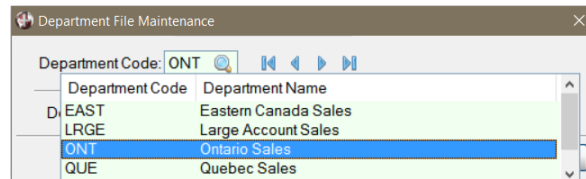
PxPlus 2017 (v14) & PxPlus 2018 (v15)

Query+ Enhancements

Query+

2017

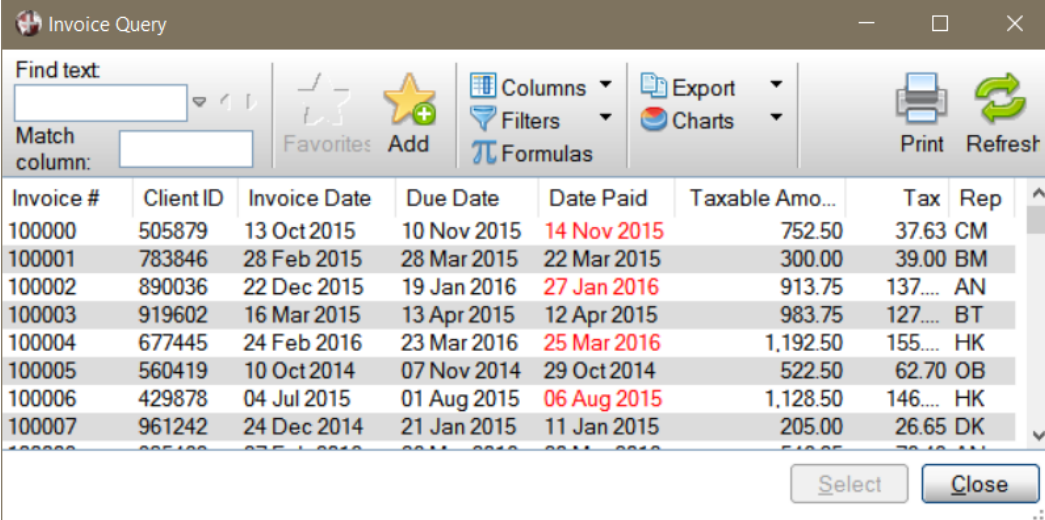
- Query Views
 - Choose the view that is right for you:
 - Toolbar
 - Drop Query
 - Menu
 - Hybrid



Query+ Enhancements

Query+

- Toolbar View
 - Default Query+ display
 - Options available through toolbar and right-click popup menu



The screenshot shows the 'Invoice Query' application window. The toolbar includes a search field for 'Find text', a 'Match column' dropdown, 'Favorites' and 'Add' buttons, 'Columns', 'Filters', and 'Formulas' dropdowns, 'Export' and 'Charts' dropdowns, and 'Print' and 'Refresh' buttons. Below the toolbar is a table with the following data:

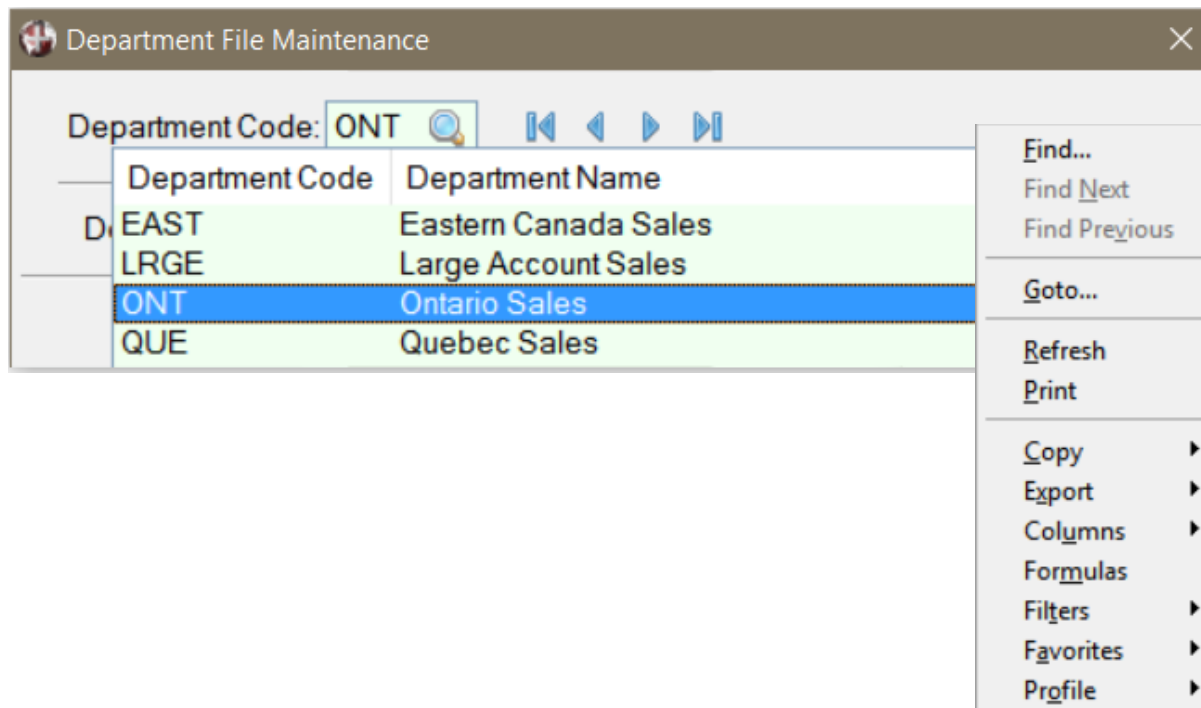
Invoice #	Client ID	Invoice Date	Due Date	Date Paid	Taxable Amo...	Tax	Rep
100000	505879	13 Oct 2015	10 Nov 2015	14 Nov 2015	752.50	37.63	CM
100001	783846	28 Feb 2015	28 Mar 2015	22 Mar 2015	300.00	39.00	BM
100002	890036	22 Dec 2015	19 Jan 2016	27 Jan 2016	913.75	137....	AN
100003	919602	16 Mar 2015	13 Apr 2015	12 Apr 2015	983.75	127....	BT
100004	677445	24 Feb 2016	23 Mar 2016	25 Mar 2016	1,192.50	155....	HK
100005	560419	10 Oct 2014	07 Nov 2014	29 Oct 2014	522.50	62.70	OB
100006	429878	04 Jul 2015	01 Aug 2015	06 Aug 2015	1,128.50	146....	HK
100007	961242	24 Dec 2014	21 Jan 2015	11 Jan 2015	205.00	26.65	DK

At the bottom right of the window, there are 'Select' and 'Close' buttons.

Query+ Enhancements

Query+

- Drop Query
 - Options available through right-click popup menu

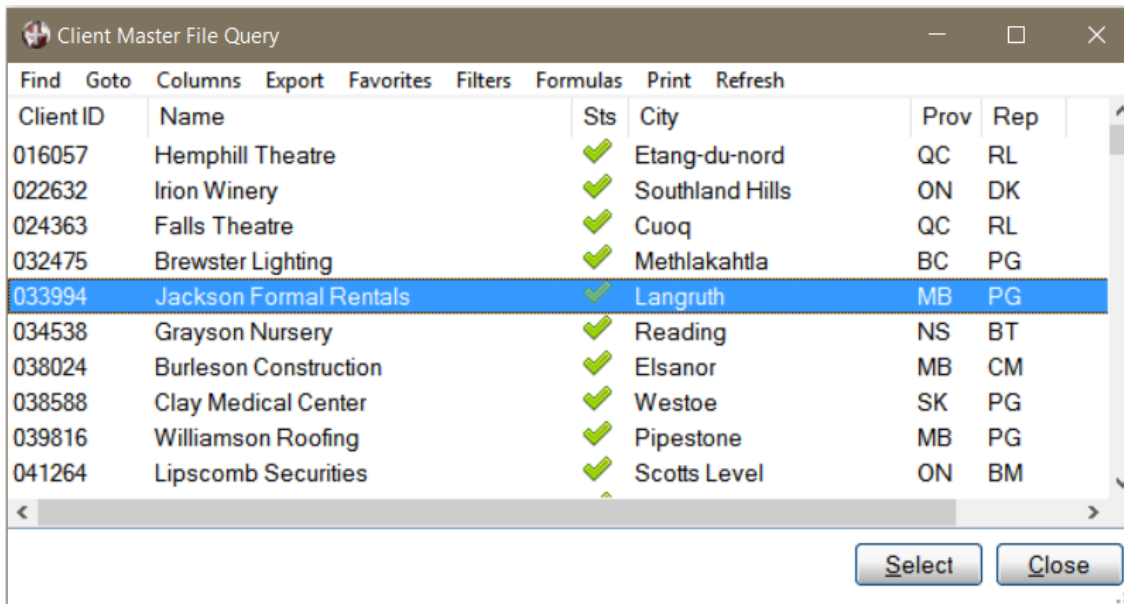


Query+ Enhancements

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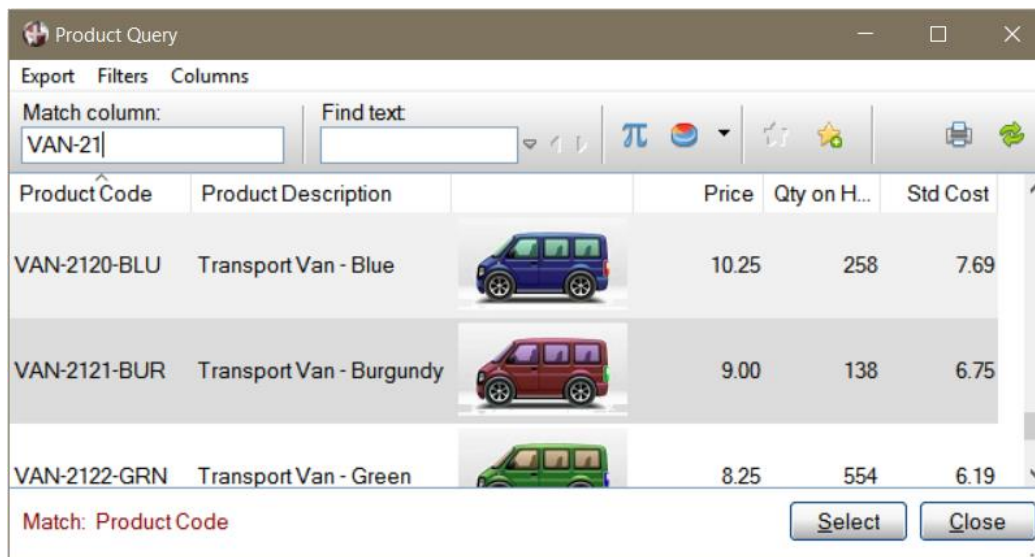
- Menu View
 - No toolbar
 - Options available through menu bar and right-click popup menu



Query+ Enhancements

Query+

- Hybrid View
 - Options available via menu bar and toolbar
 - Similar to Classic Query



Query+ Enhancements

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- Query Views
 - Assign globally using **%NOMADS'Query_View**
 - 0 = Default (Toolbar View)
 - 1 = Drop Query
 - 2 = Toolbar View
 - 3 = Menu View
 - 4 = Hybrid View
 - Assign a View to the individual Query
 - *Query View* option in *Header/Options* tab
 - Default/Drop Query/Toolbar/Menu/Hybrid
 - Overrides **%NOMADS'Query_View**

Query+ Enhancements

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- Query Colors
 - Global background colors
 - Use “StdRowHilightN”
 - PRINT ‘OPTION’(“StdRowHilight1”,color\$)
 - Theme colors override global colors
 - Affects all non-toolbar controls, column headers, and record list
 - In a Drop Query, **%NOMADS’Drop_Qry_Color\$** overrides the Theme background color
 - Default is light green
 - *Gray/White Display* option on the Query **Options** tab overrides all background color specifications



2017

Query+ Enhancements

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- Grid Style Lines



No Grid Lines

Client ID	Name	Sts	City	Prov	Rep
016057	Hemphill Theatre	✓	Etang-du-nord	QC	RL
022632	Irion Winery	✓	Southland Hills	ON	DK
024363	Falls Theatre	✓	Cuoq	QC	RL
032475	Brewster Lighting	✓	Methlakahla	BC	PG
033994	Jackson Formal Rentals	✓	Langruth	MB	PG
034538	Grayson Nursery	✓	Reading	NS	BT

Full Grid

Client ID	Name	Sts	City	Prov	Rep
038024	Burleson Construction	✓	Elsanor	MB	CM
038588	Clay Medical Center	✓	Westoe	SK	PG
039816	Williamson Roofing	✓	Pipestone	MB	PG
041264	Lipscomb Securities	✓	Scotts Level	ON	BM
047847	Kimble Wedding Services	✓	Sombra	ON	HK
054703	Crane Dental Offices	✓	Hollicott Crossing	NL	AN

Vertical Lines

Client ID	Name	Sts	City	Prov	Rep
083775	Fayette TV and Stereo Store	!	Aylesford	NS	AN
089154	Stephens Wine and Spirits	✓	Tangier	NS	AN
097603	Loving Coffee Shop	✓	Comber	ON	DK
122028	King Fish and Chips	✓	Bruceston	ON	HK
137842	Coke Pet Shop	!	Spencer	NL	AN
140506	Brazos Electrical Contracting	✓	Sunset	AB	CM

Horizontal Lines

Client ID	Name	Sts	City	Prov	Rep
016057	Hemphill Theatre	✓	Etang-du-nord	QC	RL
022632	Irion Winery	✓	Southland Hills	ON	DK
024363	Falls Theatre	✓	Cuoq	QC	RL
032475	Brewster Lighting	✓	Methlakahla	BC	PG
033994	Jackson Formal Rentals	✓	Langruth	MB	PG
034538	Grayson Nursery	✓	Reading	NS	BT

Query+ Enhancements

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- Grid Style Lines
 - Set globally with **%NOMADS'Query_GridLines**
 - 0 = No grid lines (default)
 - 1 = Full grid
 - 2 = Vertical lines
 - 3 = Horizontal lines
 - Assign a grid style to individual Queries
 - *Grid Lines* option in *Header/Display* tab
 - Default (uses the style specified in **%NOMADS'Query_GridLines**)
 - None
 - Full grid
 - Horizontal lines
 - Vertical lines

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2018

- Column Alignment (Columns 2+)
 - Align text and numeric values (no graphics)
 - Settings:
 - Default (Left for text, Right for numeric values)
 - Left
 - Center
 - Right

Client ID	Name	Sts	City	Prov	Rep	Balance
016057	Hemphill Theatre	✓	Etang-du-nord	QC	RL	1,170.13
022632	Irion Winery	✓	Southland Hills	ON	DK	403.41
024363	Falls Theatre	✓	Cuoq	QC	RL	0.00
032475	Brewster Lighting	✓	Methlakahtla	BC	PG	0.00
033994	Jackson Formal Rentals	✓	Langruth	MB	PG	0.00
034538	Grayson Nursery	✓	Reading	NS	BT	0.00

PVX Plus
TECHNOLOGIES LTD.

Column Options for: SalesRep

Title: Fixed | Rep

Width: 6

Alignment: Center (selected)

Format: Mask (selected) | Program

Display Option Method:

Define

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- Image Scaling
 - Images of different sizes are scaled down to fit in the allotted space

2017



Sales Rep Query

Export Filters Columns

Match column: Find text

Code	Sales Rep Name	Image	Department Name
BT	Buns Thompson		Eastern Canada Sales
CM	Chiquita Magna		Western Canada Sales
DK	Dora King		Ontario Sales
GT	Gordon Twiddy		Quebec Sales
HK	Heidi King		Ontario Sales
OB	Oliver Black		Large Account Sales
PG	Pinto Gonzalez		Western Canada Sales
RL	Robert (Bob) LeChat		Quebec Sales

Match: Code

Select Close

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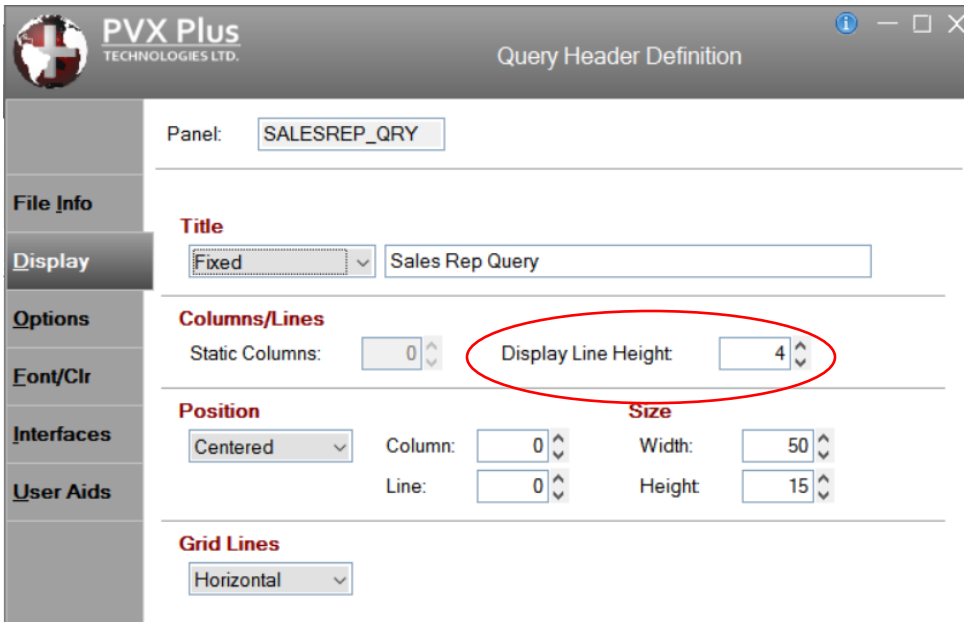
Query+

- Image Scaling
 - Image size is dependent on the height of the row and the width of the column containing the image
 - If the original image is *larger* than the allotted space, it will be scaled down to fit, maintaining its aspect ratio and centered in the space.
 - If the original image is *smaller* than the allotted space, its original size will be maintained and it will be centered.
- *Note:*
Image scaling can cause performance degradation in a large query.

Query+ Enhancements

Query+

- Image Scaling
 - All images will be rendered using the same dimensions, derived from the row height and the width of the narrowest column to contain an image.



The screenshot shows the 'Query Header Definition' window for 'SALESREP_QRY'. The 'Display' tab is active, showing the following settings:

- Title:** Fixed (dropdown), Sales Rep Query (text field)
- Columns/Lines:** Static Columns: 0 (spin), **Display Line Height: 4 (spin, circled in red)**
- Position:** Centered (dropdown), Column: 0 (spin), Width: 50 (spin), Line: 0 (spin), Height: 15 (spin)
- Grid Lines:** Horizontal (dropdown)

To increase the row height, adjust the *Display Line Height* option on the **Display** tab of the *Query Header*.

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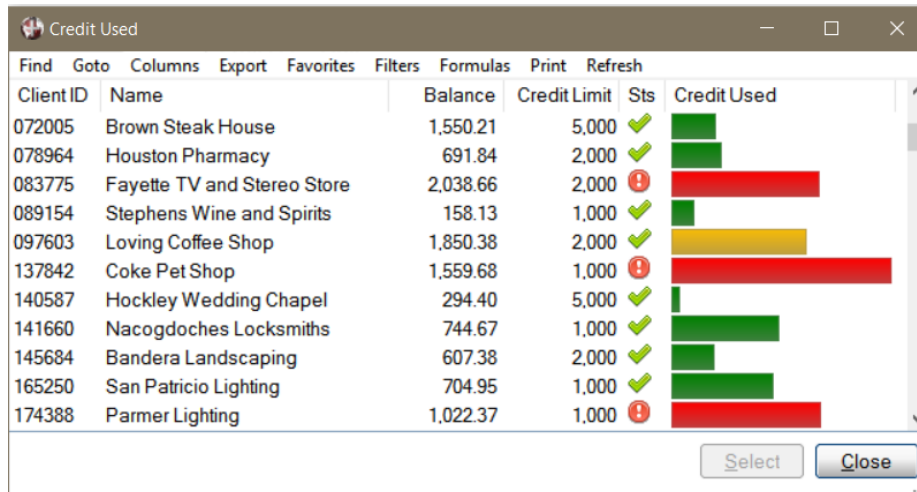
- PercentBar Display
 - Displays a horizontal bar that represents a percentage of the column size based on a numeric column value

Client ID	Name	Balance	Credit Limit	Sts	Credit Used
016057	Hemphill Theatre	1,170.13	2,000	✓	Green bar
022632	Irion Winery	403.41	2,000	✓	Green bar
038024	Burleson Construction	557.94	1,000	✓	Green bar
038588	Clay Medical Center	127.60	1,000	✓	Green bar
039816	Williamson Roofing	403.98	1,000	✓	Green bar
047847	Kimble Wedding Services	977.45	1,000	✓	Yellow bar
065853	Wheeler Laundromat	899.20	1,000	✓	Yellow bar
069944	Moore Seafood and Steaks	874.72	1,000	✓	Yellow bar
072005	Brown Steak House	1,550.21	5,000	✓	Green bar
078964	Houston Pharmacy	691.84	2,000	✓	Green bar
083775	Fayette TV and Stereo Store	2,038.66	2,000	!	Red bar

Query+ Enhancements

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- PercentBar Display
 - A value of 100 causes *PercentBar* to fill the entire width of the column, and a value of 50 fills half of the column width, and so on
 - A maximum value can also be specified such that the column is filled when the column value is the maximum value rather than 100



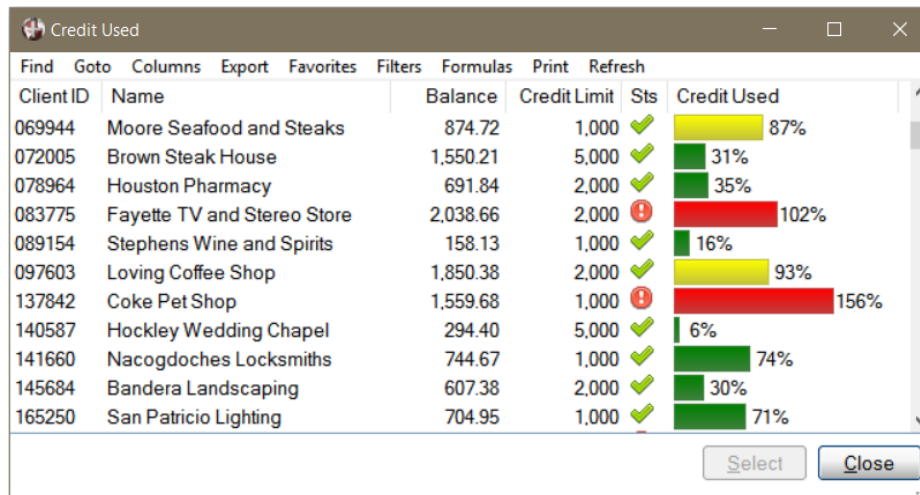
Client ID	Name	Balance	Credit Limit	Sts	Credit Used
072005	Brown Steak House	1,550.21	5,000	✓	Green bar
078964	Houston Pharmacy	691.84	2,000	✓	Green bar
083775	Fayette TV and Stereo Store	2,038.66	2,000	!	Red bar
089154	Stephens Wine and Spirits	158.13	1,000	✓	Green bar
097603	Loving Coffee Shop	1,850.38	2,000	✓	Yellow bar
137842	Coke Pet Shop	1,559.68	1,000	!	Red bar
140587	Hockley Wedding Chapel	294.40	5,000	✓	Green bar
141660	Nacogdoches Locksmiths	744.67	1,000	✓	Green bar
145684	Bandera Landscaping	607.38	2,000	✓	Green bar
165250	San Patricio Lighting	704.95	1,000	✓	Green bar
174388	Parmer Lighting	1,022.37	1,000	!	Red bar

*Maximum
set to 150*

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- PercentBarWithLabel
 - Same as *PercentBar* but with the column value displayed (using the column format) following the horizontal bar



Client ID	Name	Balance	Credit Limit	Sts	Credit Used
069944	Moore Seafood and Steaks	874.72	1,000	✓	87%
072005	Brown Steak House	1,550.21	5,000	✓	31%
078964	Houston Pharmacy	691.84	2,000	✓	35%
083775	Fayette TV and Stereo Store	2,038.66	2,000	!	102%
089154	Stephens Wine and Spirits	158.13	1,000	✓	16%
097603	Loving Coffee Shop	1,850.38	2,000	✓	93%
137842	Coke Pet Shop	1,559.68	1,000	!	156%
140587	Hockley Wedding Chapel	294.40	5,000	✓	6%
141660	Nacogdoches Locksmiths	744.67	1,000	✓	74%
145684	Bandera Landscaping	607.38	2,000	✓	30%
165250	San Patricio Lighting	704.95	1,000	✓	71%

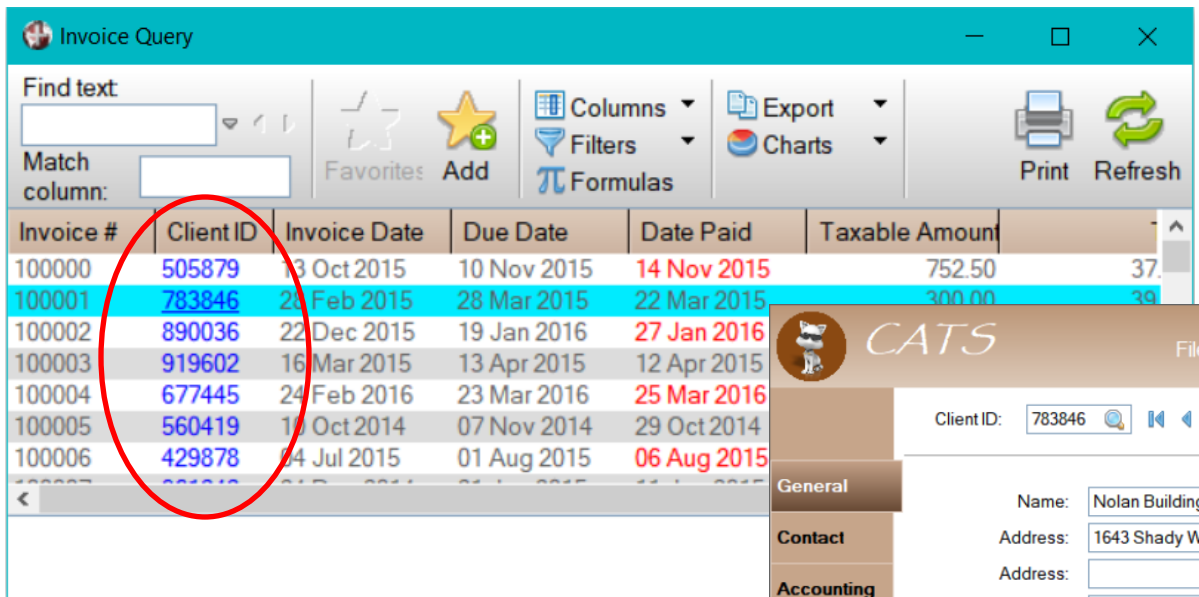
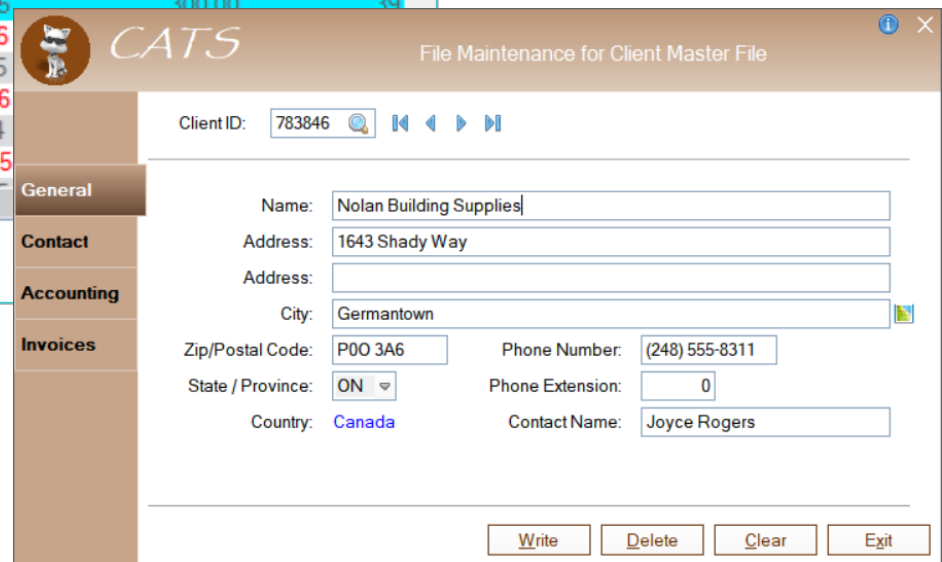
- The maximum value fills **three-quarters** of the column width with the remaining **one-quarter** of the width for the label

Query+ Enhancements

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- Hotlink Columns
 - Displayed using colored text which is underlined when hovering

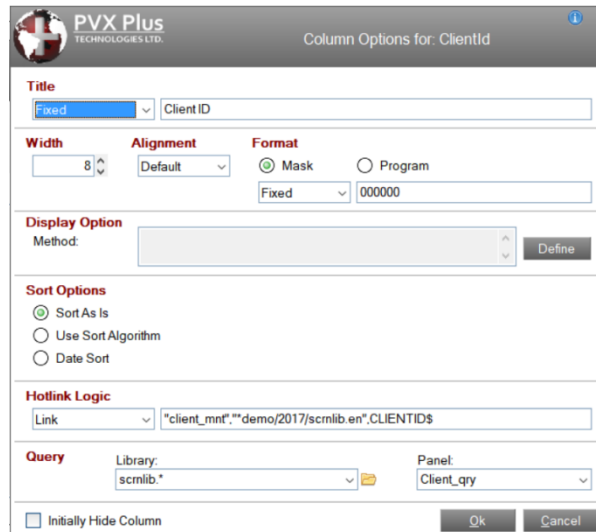
A screenshot of the 'Invoice Query' window. The window title is 'Invoice Query'. It has a search bar for 'Find text' and 'Match column:'. There are icons for 'Favorites', 'Add', 'Columns', 'Filters', 'Formulas', 'Export', and 'Charts'. There are also 'Print' and 'Refresh' buttons. Below the toolbar is a table with columns: Invoice #, Client ID, Invoice Date, Due Date, Date Paid, and Taxable Amount. The row for Invoice # 100001 is highlighted in blue. The Client ID '783846' in this row is circled in red. Other rows include Invoice # 100000, 100002, 100003, 100004, 100005, and 100006.A screenshot of the 'CATS File Maintenance for Client Master File' window. The window title is 'CATS File Maintenance for Client Master File'. The Client ID is '783846'. There are navigation buttons (back, forward, search). The form has sections for 'General', 'Contact', 'Accounting', and 'Invoices'. The 'General' section has fields for Name, Address, City, Zip/Postal Code, Phone Number, State / Province, and Country. The 'Contact' section has fields for Name, Address, City, Zip/Postal Code, Phone Number, State / Province, and Country. The 'Accounting' section has fields for Name, Address, City, Zip/Postal Code, Phone Number, State / Province, and Country. The 'Invoices' section has fields for Name, Address, City, Zip/Postal Code, Phone Number, State / Province, and Country. The 'Name' field is 'Nolan Building Supplies'. The 'Address' field is '1643 Shady Way'. The 'City' field is 'Germantown'. The 'Zip/Postal Code' field is 'P00 3A6'. The 'Phone Number' field is '(248) 555-8311'. The 'State / Province' field is 'ON'. The 'Country' field is 'Canada'. The 'Contact Name' field is 'Joyce Rogers'. There are 'Write', 'Delete', 'Clear', and 'Exit' buttons at the bottom.

Double-click to execute logic

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- Hotlink Columns
 - Color defined by the **'OPTION'('StdLvueHotlinkClr',color\$)** setting
 - Hotlink Logic
 - Logic to execute when the column is double-clicked



The screenshot shows the 'Column Options for ClientId' dialog box in PVX Plus. The dialog is titled 'Column Options for ClientId' and has a close button. It contains several sections: 'Title' with a dropdown set to 'Fixed' and a text field containing 'ClientId'; 'Width' with a spinner set to '8'; 'Alignment' with a dropdown set to 'Default'; 'Format' with radio buttons for 'Mask' (selected) and 'Program', and a text field containing '000000'; 'Display Option' with a 'Method' dropdown and a 'Define' button; 'Sort Options' with radio buttons for 'Sort As Is' (selected), 'Use Sort Algorithm', and 'Date Sort'; 'Hotlink Logic' with a 'Link' dropdown and a text field containing '"client_mnt","demo/2017/scnlib.en",CLIENTID\$'; 'Query' with 'Library' set to 'scnlib.*' and 'Panel' set to 'Client_qry'; and an 'Initially Hide Column' checkbox. At the bottom are 'Ok' and 'Cancel' buttons.

Hotlink Logic

Link

Query+ Enhancements

Classic Query

- Split Files are now supported in Classic Queries

Additional Resources

The help link(s) below refer to the current on-line help pages. The functionality may have been further updated since the PxPlus 2018 (version 15) release.

- [Query Views](#)
- [Display Options – Grid Style Lines](#)
- [Column Options – Alignment and Hotlinks](#)
- [Column Display – Images and Percent Bars](#)
- [Query Colors](#)