



PXPLUS WEB TOOLS OVERVIEW

RUN PXPLUS PROGRAMS FROM WEB SERVER

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- **EZWeb and the PxPlus Web Server will run PxPlus applications based on Web requests**
 - Ran from a browser pointed at the Web server and the program name
 - `https://www.myserver.com/myprog.pxp`
 - You can configure a Web server like Apache or IIS to run PxPlus programs
- **A PxPlus program on a Web server can:**
 - Can access several useful pre-defined global variables documented [here](#)
 - Output a Web page (HTML)
 - `print (%print_fn) "<html><body><p>Hello World</p></body></html>"`
 - Act as a Web service and output JSON or XML data
 - `%content_type$="application/json"`
`print (%print_fn) "{ \"fruit\": \"Apple\", \"size\": \"Large\", \"color\": \"Red\"}"`
 - Run [***web/merge**](#) to allow a normal Web page to make calls to PxPlus programs to perform actions or retrieve data
 - Initial program would define `HTML_FILE$=path_to_html_to_merge$` and then run `*web/merge`
 - In `HTML_FILE$` you have HTML plus special code like `~~cust_name$~~` or `~~myprog?P~~`



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WEB SERVICES

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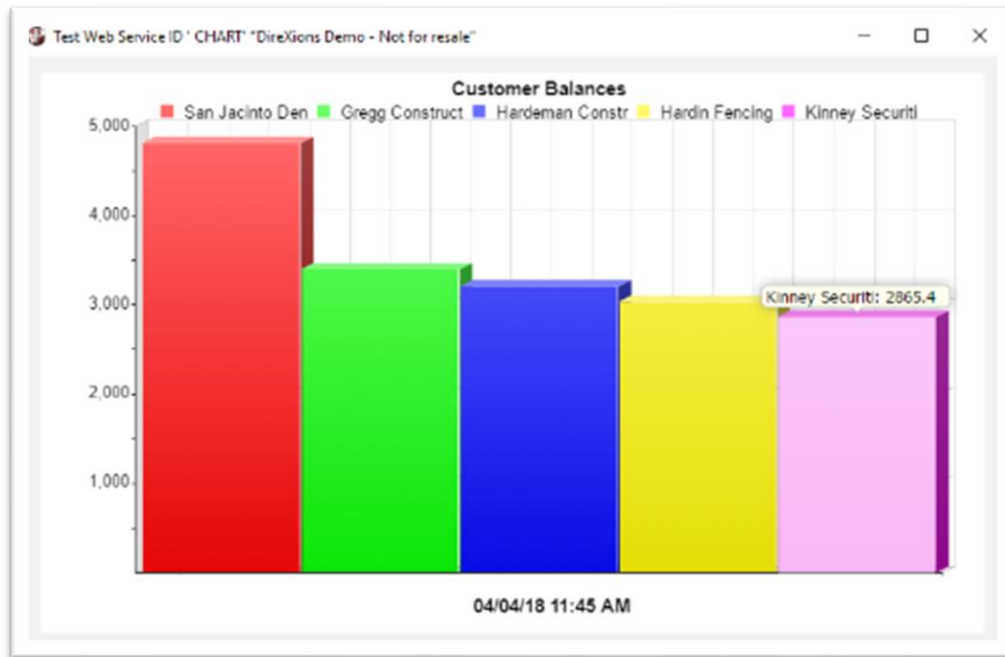
WEB SERVICES

- PxPlus provides some [Web Services](#) you can use without creating yourself
 - [Query](#) - Data (CSV, JSON, XML, HTML, PDF, TABLE) to Web applications
 - `https://..site../services/qry.pxp?qry=query&lib=library`
 - [Report Writer](#) - Reports on demand (PDF, HTML, CSV)
 - `https://..site../services/rpt.pxp?rpt=reportname`
 - [Chart](#) - Charts as images or HTML that can be directly embedded into pages
 - `https://..site../services/chart.pxp?qry=query&lib=library&chart=name`
 - [Maintenance](#) - A file maintenance panel for user input
 - `https://..site../services/maint.pxp?dir=directory&dict=dictionary&table=tablename&key_field=keyfield`
 - [File Access](#) - URL-style read and write requests for file access
 - `https://..site../services/fileaccess.pxp?function=read&dir=data_path&dict=dict&table=table_name&beg_key=key&end_key=key&filter=filter&type=output_type`
 - `https://..site../services/fileaccess.pxp?function=write&dir=data_path&dict=dict`

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WEB SERVICES

- PxPlus Web Services are designed to take advantage of existing PxPlus tools
- PxPlus Web Services work without special configuration with EZWeb and with configuration with Apache and IIS
- Can be secured with OAuth 2.0



Product List

05/04/2018 1

Product Code	Description	Price	Std Cost
BUS-3110-YLW	Bus - Yellow	8.75	7.31
BUS-3111-CYN	Bus - Cyan	8.50	6.38
BUS-3112-VIO	Bus - Violet	10.00	7.50
BUS-3113-GRN	Bus - Green	8.25	6.19
BUS-3114-RED	Bus - Red	10.25	7.09
BUS-3115-BLU	Bus - Blue	8.25	6.19
CAR-1320-GLD	Safari Jeep - Gold	9.25	6.94
CAR-1321-CYN	Safari Jeep - Cyan	9.25	6.94
CAR-1322-VIO	Safari Jeep - Violet	9.50	7.13
CAR-1323-GRN	Safari Jeep - Green	8.75	6.56
CAR-1324-RED	Safari Jeep - Red	9.75	7.31
CAR-1325-BLU	Safari Jeep - Blue	9.00	6.75
CAR-1410-SLV	Bug - Silver	9.25	6.94
CAR-1411-ROS	Bug - Pale Rose	8.25	6.19
CAR-1412-SEA	Bug - Seagreen	8.00	6.00
CAR-1413-VIO	Bug - Violet	8.75	6.56
CAR-1414-PRL	Bug - Pearl	8.50	6.38
CAR-1415-WHT	Bug - White	9.00	6.75
CAR-2220-PNK	Cabriolet - Fuschia	9.00	6.75
CAR-2221-LME	Cabriolet - Lime	8.50	6.38
CAR-2222-CYN	Cabriolet - Cyan	8.25	6.19
CAR-2223-RST	Cabriolet - Rust	8.50	6.38
CAR-2224-VIO	Cabriolet - Violet	9.50	7.13
CAR-2225-SEA	Cabriolet - Seagreen	10.00	7.50
CAR-3120-RED	Camino - Red	9.25	6.94
CAR-3121-GRN	Camino - Green	8.25	6.19
CAR-3122-BLU	Camino - Blue	8.50	6.38
CAR-3123-YLW	Camino - Yellow	9.25	6.94
CAR-3124-VIO	Camino - Violet	8.75	6.56

A photograph of a wooden suspension bridge with a red banner overlay. The bridge is made of weathered wood and has a series of vertical supports. The banner is a solid red color with white text. The background shows a dense forest of green trees.

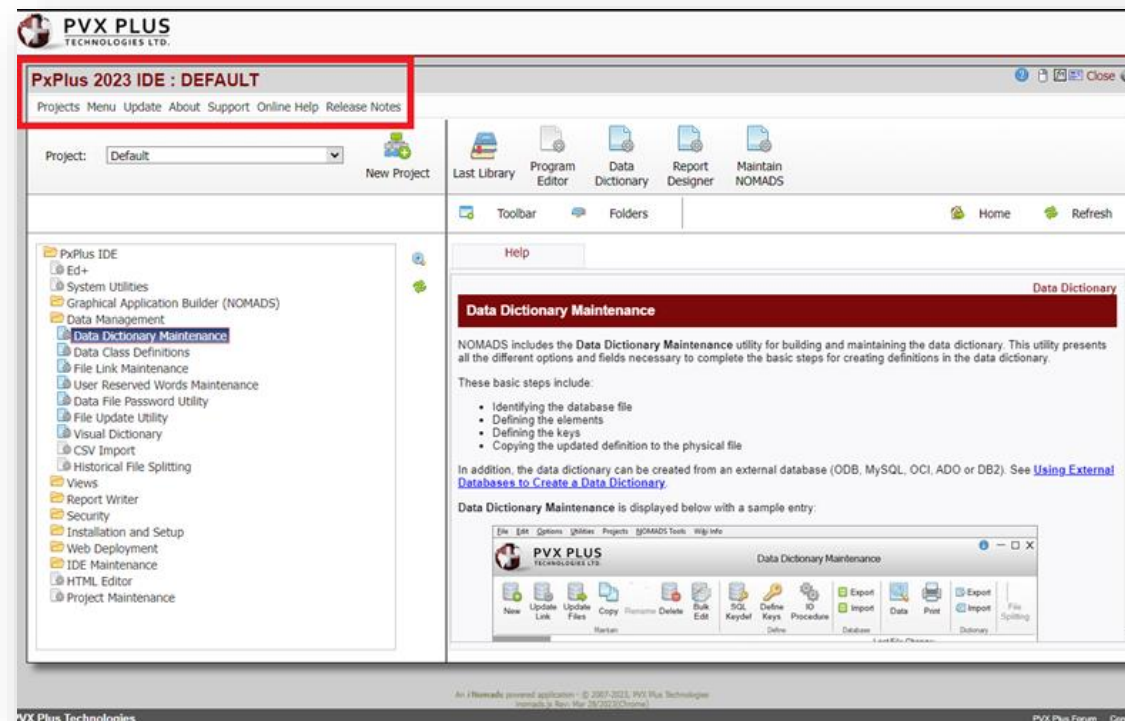
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INOMADS

PXPLUS WEB TOOLS OVERVIEW

INOMADS

- iNomads lets you take your NOMADS and even non-NOMADS PxPlus panels and run them on the Web
 - **No Coding Required**
- Your application will function the same as it did if running on Windows
- Look and feel of the application is controlled via templates (CSS)
- iNomads will work without special configuration with EZWeb and with configuration with Apache and IIS





PXPLUS WEB TOOLS OVERVIEW

WEBSTER+


PXPLUS WEB TOOLS OVERVIEW

WEBSTER+

- [Webster+](#) allows you to create a truly Web-based PxPlus application
 - Stateless Web-based pages
 - Responsive
 - Scalable
- Webster+ makes both the generation of Web pages and setup of Web sites easier
 - Built-in site setup, logon, link, and menu systems
 - File maintenance can generate Webster+ pages
 - Queries and reports work automatically
- Webster+ will work without special configuration with EZWeb and with configuration with Apache and IIS
- Application will need a partially redesigned UI
 - This is because of the difference between NOMADS and a true Web REST-style interface where every exchange between the browser and the host is standalone with no residual resources maintained on the server

PXPLUS WEB TOOLS OVERVIEW

WEBSTER+



[Sales](#)[Warehouse](#)[Receivables](#)[Payables](#)[Accounting](#)[Settings](#)[Inspector](#)[Setup](#)[Logoff](#)
[Admin](#)[Privacy Policy](#)[Statistics](#)

« Canadian Automotive Toy Supplies

Order Entry View Edit Files Tools Reports Exit

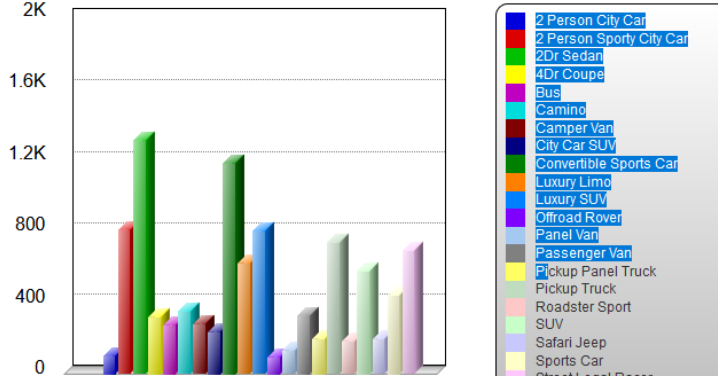
Sales Dashboard

This would be a great place to insert a few charts and tables along with some shortcuts to often used processes.

Currently Active Invoices

Invoice#	Date	Status	Location	Client	Client Name
000029	2021-07-14	Waiting to Ship	Markham	162747	Howard Locksmiths
000030	2021-07-14	Shipped (not posted)	Markham	422321	Palo Pinto Delivery Service
000031	2021-07-14	Waiting to Ship	Calgary	680190	Upton Coffee Shop
000032	2021-07-14	Waiting to fill	Markham	882769	Burnet Repairs
000033	2021-07-14	Waiting to fill	Calgary	539676	San Jacinto Snackbar
000034	2021-07-14	Waiting to fill	Markham	024363	Falls Theatre

90 Day Revenue by Product Type



[Admin](#)[Privacy Policy](#)[Statistics](#)

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PXPLUS WEB TOOLS OVERVIEW COMPARISON

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COMPARISON

PxPlus Web Tools	Pros	Cons
Run PxPlus Programs from Web Server	<ul style="list-style-type: none">• Most control and customization	<ul style="list-style-type: none">• Oldest• Most "Do-It-Yourself" approach (more work)
PxPlus Web Services	<ul style="list-style-type: none">• Great if you only need a query or report etc.	<ul style="list-style-type: none">• Not useful when you need anything else
iNomads	<ul style="list-style-type: none">• "No code" way to take your existing application and run it on the Web• Can use Nomads screen designer to build web screens	<ul style="list-style-type: none">• Doesn't scale well beyond 300 users• Not a true Web stateless application• Not as fast - it has to communicate more to emulate the Windows environment it was designed for
Webster+	<ul style="list-style-type: none">• True Web application<ul style="list-style-type: none">• Fast• Responsive• Scalable• More modern true Web look• Built-in Login, Menu and Link system• Can run iNomads pages with Webster+• File Maintenance, Queries and Reports all work	<ul style="list-style-type: none">• Need to partially rewrite UI• No screen designer within PxPlus toolset