# WEBSTER+, FILE MAINTENANCE GENERATOR, AND INOMADS

DireXions 2024

# WEBSTER+

## Webster+

- Introduced in PxPlus 2021
- New toolset that makes both the generation of Web pages and setup of Web sites easier
- Uses a standard REST-style interface where every exchange between the workstation/browser and the host is standalone
- Dynamic HTML 5 compatible pages through the use of Short Codes are created
- Comes complete with setup/configuration tools, menu system, and security system, etc.
- Compatible with Apache, EZWeb, IIS Web servers
- Alternative to iNomads to provide a Web interface, although iNomads panels can be used
- Integrates with File Maintenance Generator, NOMADS Query, and Report Writer, etc.
- File Maintenance Generator can be used to create Webster+ HTML pages
- Previous use of NOMADS is not required
- Does not have to be a complete UI re-write.  Can be a phased approach

See 'Webster+' PDF
for more details

# WEBSTER+

## Webster+

- Webster+ Configuration and Setup



See 'Webster+' PDF for more details

# WEBSTER+

## Webster+ Inspector

- A subset tool for Webster+

- Provides options for viewing, creating, editing and deleting files and directories in the Webster+ installation

- Can control who has access

- Full browser accessibility for a variety of different file types

See 'Webster+' PDF
for more details

# WEBSTER+

## Webster+ Inspector

- A subset tool for Webster+

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# FILE MAINTENANCE GENERATOR

## File Maintenance Generator

- Generates NOMADS panels and/or Webster+ HTML pages
- Uses a wizard-based interface to create File Maintenance, Inquiry, and Non-File Maintenance panels and pages
- Uses Data Dictionary, Data Classes, Queries
- Additional objects can also be added, including:
  - Smart List Boxes and Charts, Images
  - Additional Buttons, Text and Input fields
  - Components related to the creation of HTML pages, such as events
- And much more

See 'File Maintenance Generator' PDF
for more details

# FILE MAINTENANCE GENERATOR

## File Maintenance Generator

- Step 1 and Step 6 sample screens

See 'File Maintenance Generator' PDF for more details

## iNomads

- Eliminated use of Cookies

- New Crypto_Seed$ option used to encrypt any control messages sent between the application server and the Internet facing front-end server (Web server). Only used if Launch_Root is a URL
  - Value should be set to some random string to help assure security accessing iNomads directory

- Added capability to log all failed logon attempts to a file specified in the System Configuration
  - Failed_Logon_Tries - number of failed logon attempts before locking out browser
  - Failed_Logon_Delay - number of minutes to lockout browser after failed logon
  - Failed_Logon_Log - path name of a Log file to record invalid logon attempts

- Support for ADA (USA) or WCAG (Canada) Compliance
  - iNomads provides a number of features and tips to assist in developing these Web sites

- Added the ability to use HTML Named Colors

- Two-Factor Authentication that can be used with either SMS or email