Screen Manager – On Screen Positioning of Your Displays

APPLICATIONS NOTE

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Description: Guide to setting up the Screen Manager.
OS Requirement: Win 2000 Pro/Server, XP Pro, Server 2003
General Requirement: General knowledge of GENESIS32 applications

Introduction

The Screen Manager provides the ability to manage your screen space on single or multiple monitors. The screen manager allows you to configure screen layouts to:

- Manage the screen space on single or multiple monitors.
- Provide the ability to load combinations of pre-configured applications.
- Provide the ability to treat several applications as one desktop display by controlling application window desktop locations and display properties.

A screen manager example project can be found in the \Program Files\ICONICS\GENESIS-32\Examples\Sample Project directory. This directory contains the application files: GENESIS32 display files, Bitmaps, Word documents, etc.
The Template*.pwf files describe possible screen layouts. The Layout1.pwf file is a sample layout, which presents applications at a pre-defined screen location.

The following example demonstrates how screen layouts can be created for your application. You can add as many different layouts as you would like to have. You could even configure the GENESIS32 security server to show a preferred screen layout when a new user logs in.

Preparation
Copy the Template files (. pwf), which can be found in the \Program Files\ICONICS\GENESIS-32\Examples\Sample Project directory into your own project directory. This example will assume that your project can be found in D:\myProject.

Configuring a Layout

1. Copy the template files (.pwf) from \Program Files\ICONICS\GENESIS-32\Examples\Sample Project directory into your own project directory. We will use D:\myProject from this point forward.

2. Launch Screen Manager by going to Start → Programs → ICONICS Tools → Screen Manager

3. The Screen Manager Command Bar will open. Click on the "Browse" button, browse to Tempalte1.pwf in your project directory, and click on "OK".

Figure 1 - Screen Manager Command Bar

4. The Screen Manager Command Bar comes up. It allows you to Drag and Drop application files to your preferred location on the desktop.

5. If you do not have button view enabled (i.e. your Screen Manager Command Bar does not look like Figure 3), then right-click on the window, select Screen Manager Command Bar Properties.

6. In the Command Bar Functionality section, check the options Tool Tips, Labels, Button View, and Alarm Indicator Button. Click on "OK" when you are done.

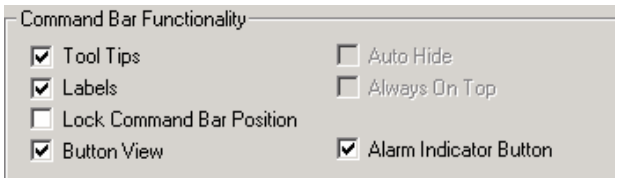

Figure 2 - Command Bar Properties

7. Your Screen Manager Command Bar should look like Figure 3.

Figure 3 - Screen Manager Command Bar Button View

8. Noticed that Template1 is already the template that we are using. If you would like to use a different template, you can click on the "Layouts" button and select a new template in the Layout window.

9. Click on the "Applications" button, in the new window that comes up, browse to Applications → Gwx32 → C:\Program Files\ICONICS\GENESIS32\Examples\GEN32DEMO → Home.gdf

10. If you do not see the applications, right-click on the Screen Manager Command Bar and select Screen Manager Command Bar Properties.

11. In the Default Data Directories, you should have your project folder. In the second field, click on the ... button and browse to C:\Program Files\ICONICS\GENESIS32\Examples\GEN32DEMO → Home.gdf to include the directory. Click "OK" when you are done.

12. Select the file Home.gdf, drag the file out onto your desktop, you will see dotted lines dividing your screen as your template specified. Drop the file into the upper-left hand corner.

13. The GraphWorX32 file will open in the section of the screen that you dropped it in.

14. You will see a blue square in the template indicating where the GraphWorX32 file resides. The title of the file has changed from Template1 to Untitled*.

15. Right-click on the Untitled* icon to bring up the Screen Manager Command Bar – Panel Screen.

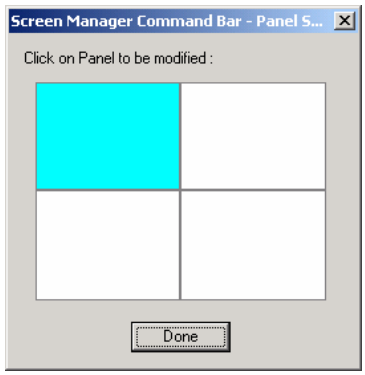

Figure 4 - Screen Manager Command Bar - Panel Screen

16. Click on the blue square to bring up the Panel Properties for the panel in which the GraphWorX32 file is in.

17. Enter "-runtime" (without the quotes) in the Command Line section. This will launch the display in runtime mode.

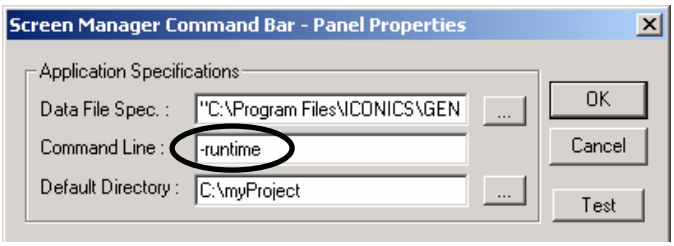

Figure 5 - Panel Properties

18. Click on "OK" when you are done.

19. Repeat steps 9-18 to configure the other panels. Feel free to try other application files.

20. Click on the floppy disk icon to save your configuration.

21. You can minimize the Screen Manager Command Bar to leave the screens running.

22. When you are done, right-click on the Screen Manager Command Bar and then select Exit to close the application.