



GraphWorX64

Configuring Global Colour Themes



APPLICATION NOTE

September 2013

Description: Guide to configuring global colour theming for a GraphWorX64 display.

OS Requirement: Vista x64/ Windows 7 x64/ Windows 8 x64/ Windows Server 2008 x64/ Windows Server 2008 R2 x64/ Windows Server 2012

General Requirement: Installation of GENESIS64 v10.80

General Requirement: Installation of GENESIS64 v10.80 and familiarity with Global Aliasing

Introduction

With GraphWorX64, you can configure global themes to set and change the colour configuration of GraphWorX64 displays, objects on the displays and any/all embedded .NET controls in runtime simultaneously.

Configuring Global Colour Themes

There are two steps to configuring a global colour theme:

- Add and configure the Global Alias Colour Themes in the Global Aliasing Configurator.
- Apply the Colour Alias to all required displays, objects and .NET controls in GraphWorX64.

Configure the Global Alias Colour Themes

1. Open the Workbench and select the Global Aliasing provider.

Note: Global colour theme configuration is also available through the Workbench-SL.

2. Right click and create a new colour theme.

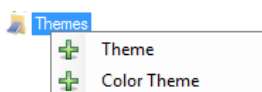


Figure 1 - Create New Colour Theme

Note: Only one colour theme can be created at a time.

3. Right click on the newly created colour theme and add as many theme values as will be required i.e. Day, Dusk and Night. Also select the default theme value.

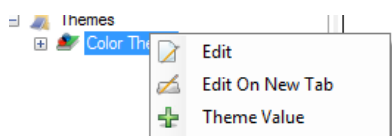


Figure 2 - Add Theme Value

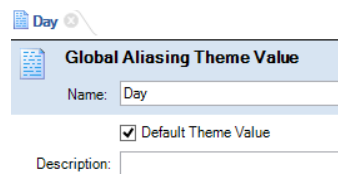


Figure 3 - Select the Default Theme

Once the theme and theme values have been created it is time to create the colour palette and start assigning values.

4. To create the colour palette right click on aliases and select Colour Palette.

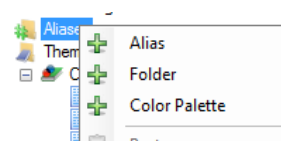


Figure 4 - Select Color Palette

5. Once this is created assign the colour theme, which should also pull in the theme values as alias values.
6. To assign a palette value select the palette value cell for the theme value you wish to enter the values in for and being typing or click again and hit the browse (...) button on the right side of the cell.
7. This will launch the colour palette configuration, you will need to assign a name, this should be set to something meaningful or descriptive such as background or GroupHeaderBackground

Note: Logically this should be the property it will be assigned to see GraphWorX section x.

8. To assign a colour start typing a value (hex) or browse from the colour list available from the button on the right.

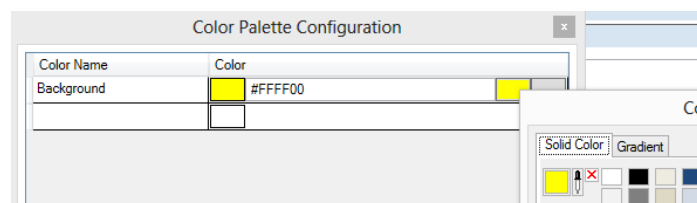


Figure 5 - Select Color

Note: it is possible to import/export the colour lists from here as txt files.



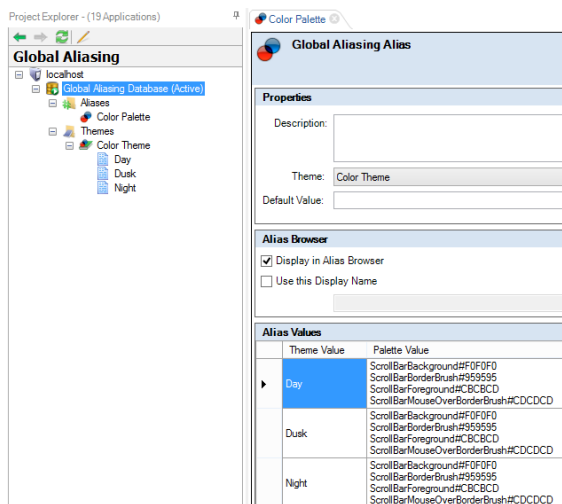
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Assign Global Colour Aliases to GraphWorX64 Objects

1. Open the GraphWorX displays where the colour change is required.
2. Select the Canvas, .Net Control or Object and select the property in the Properties windows/Advanced tab where the colour alias needs to be applied.

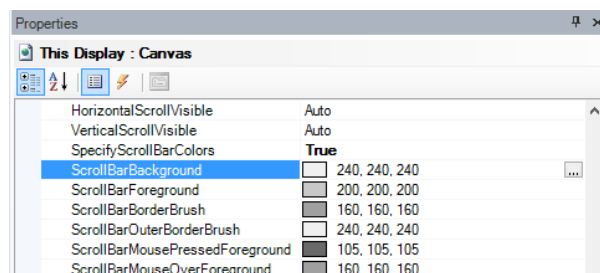


Figure 6 - Color Change in Canvas Properties

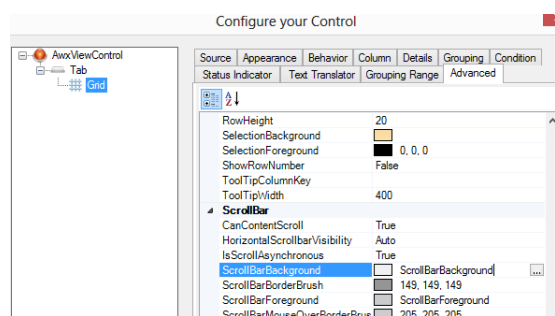


Figure 7 - Color Change in Advanced Properties of .NET Control

3. Click on the ellipses and select the Global Colour Alias.
4. Repeat for all Displays, Canvases, Objects and .NET Controls that require colour change aliases.

Global Colour Themes in Runtime

To trigger a colour changes in runtime you have a few options.

- A. Add a pick action to Command Set Global Aliases. Browse the Set Global Themes and Aliases Window and select the required colour theme.

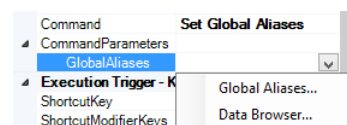


Figure 8 - Pick Action Set Global Aliases

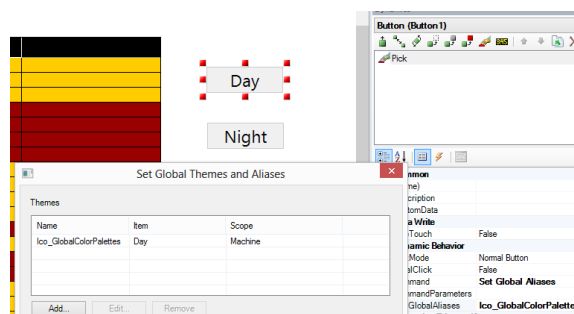


Figure 9 - Configure the Pick Action Command

- B. Add a pick action to Global Command Set Global Color Theme. Specify the ThemeName.

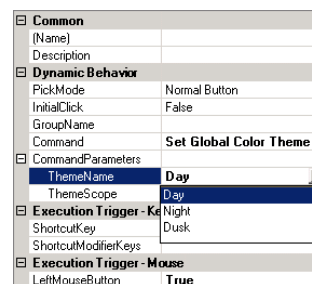


Figure 10 - Pick Action Set Global Color Theme

- C. Use the Ribbon item Theme. Could be used in Runtime as well as in Configuration Mode.

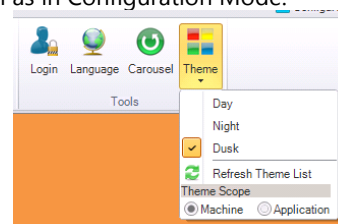


Figure 11 - Theme Button i