AutoFlow.RGBRectangle

Description

Purpose of RGBRectangle: This configuration provides all needed information for setting a criteria range of color Red, Green and Blue of a region of one window.

Syntax

**< Element XXXXXX**

**pixelInterval=**

It means how long the pixel distance that we want to sample each time. Default value=1, acceptable value range: 1~ 10.

Default value=1, means it will compare 1 by 1 pixel.

For color value definition (you can google or refer to the related document), 1 color value range is 0~255, we adopt ratio style, so 0.0 means 0, 1.0 means 255.

**redBegin=**

The start value of red color range of the window that you want to monitor.

Default value=0.0

Acceptable value range: 0.0 ~ 0.99, any negative value is not acceptable.

This value cannot bigger than **redEnd**.

**redEnd=**

The end value of red color range of the window that you want to monitor.

Default value=1.0

Acceptable value range: 0.01 ~ 1.0, any negative value is not acceptable.

This value cannot samller than **redBegin**.

**greenBegin=**

The start value of green color range of the window that you want to monitor.

Default value=0.0

Acceptable value range: 0.0 ~ 0.99, any negative value is not acceptable.

This value cannot bigger than **greenEnd**.

**greenEnd=**

The end value of green color range of the window that you want to monitor.

Default value=1.0

Acceptable value range: 0.01 ~ 1.0, any negative value is not acceptable.

This value cannot samller than **greenBegin**.

**blueBegin=**

The start value of blue color range of the window that you want to monitor.

Default value=0.0

Acceptable value range: 0.0 ~ 0.99, any negative value is not acceptable.

This value cannot bigger than **blueEnd**.

**blueEnd =**

The end value of blue color range of the window that you want to monitor.

Default value=1.0

Acceptable value range: 0.01 ~ 1.0, any negative value is not acceptable.

This value cannot samller than **blueBegin**.

/**>**

Example

Example : Check the UI color should be black with every pixel.

<RGBRange pixelInterval="1" redBegin="0.0" redEnd="0.1" greenBegin="0.0" greenEnd="0.1" blueBegin="0.0" blueEnd="0.1"></RGBRange>

For color environment tolerance, we recommend +/- 0.1 for begin/value, for example. If you want to set compare conditions for red begin=0.2 and red end=0.7, better is red begin=0.3 and red end=0.8, but this is not absolutely for all situation.