AutoFlow.Verifier.ActivityCheckWindowUIColor

Description

Get each color: R,G,B value distribution status of a region of one window and check those values are in the given compare criteria range.

Syntax

<Activity handler="AutoFlow.Verifier.ActivityCheckWindowUIColor">

<WindowSpecification>, Must be

Please refer to **AutoFlow.WindowSpec**

</WindowSpecification>

<RectangleRatio xAxisRangeBegin="0" xAxisRangeEnd="1" yAxisRangeBegin="0" yAxisRangeEnd="1">

RectangleRatio is the configuration for setting a range of X and Y axis of a window.

Element name please refer to the **AutoFlow.RatioRectangle**

</RectangleRatio>, Must be

<RGBRange pixelInterval="1" redBegin="0.0" redEnd="1.0" greenBegin="0.0" greenEnd="1.0" blueBegin="0.0" blueEnd="1.0">, Must be

**RGBRange** is the criteria setting for RGB distribution compare.

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

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**, **redEnd** is the criteria range of **red** color of one pixel.

Begin value range:0~0.99, End value range:0.01~1.0

**greenBegin**, **greenEnd** is the criteria range of **green** color of one pixel.

Begin value range:0~0.99, End value range:0.01~1.0

**blueBegin**, **blueEnd** is the criteria range of **blue** color of one pixel.

Begin value range:0~0.99, End value range:0.01~1.0

If current value is over or less than RGB criteria range, it will have fail result. You can check current value by **RGB Rectangle tool (please refer usage to Manual.AutoFlow.Tool.RGBRectangle)**

</RGBRange>   
</Activity>

**Please don’t move or do any action on window during comparing.**

Example

Example : Check notepad window color is white or not.

<Activity handler="AutoFlow.Verifier.ActivityCheckWindowUIColor" description=”Check notepad window color”>

<WindowSpecification>

<ParentWindow>

<ClassName>Notepad</ClassName>

<ControlType>Window</ControlType>

</ParentWindow>

<DescendantWindow>

<AutomationID>15</AutomationID>

<ControlType>Document</ControlType>

</DescendantWindow>

</WindowSpecification>

<RectangleRatio xAxisRangeBegin="0.1" xAxisRangeEnd="0.9" yAxisRangeBegin="0.1" yAxisRangeEnd="0.9"></RectangleRatio>

<RGBRange pixelInterval="2" redBegin="0.9" redEnd="1.0" greenBegin="0.9" greenEnd="1.0" blueBegin="0.9" blueEnd="1.0"></RGBRange>   
</Activity>