**AutoFlow.WindowSpec**

**Description**: For UI automation test, the AutoFlow UI engine needs a series of identification value to find and filter out the target window, so this class: WindowSpec will store those identification values. We define 14 types for your using and 11 of them are system default definition, you can use tools, which like: UISPY or VisualUIAVerify to get the values first, then based on the "Syntax" section to fill the value that you needed.

**Syntax:**

<**WindowsSpecification**>

<**ParentWindow**>

root is the 1st level window in the UISPY or VisualUIAVerify and child window is the 2nd level tree) this element is "Must have", only allow appear 1 time

Searching condtions, total 14 searching conditions in definition, each condition only apprear 0 or 1 time, detail definition in the "Condtions".

<**/ParentWindow**>

<**DescendantWindow>**

descendant Window of ParentWindow, numbers of this element can appear 0 time or more>

Searching condtions, total 14 searching conditions in definition, each condition only apprear 0 or 1 time, detail definition in the "Condtions".

<**/DescendantWindow**>

<**/WindowsSpecification**>

**Condtions:**

<AutomationId>

Is UIA support window identification type, Value format: string. Default: null

If you add this element, but don't give any value, AutoFlow will see this status is error, parsing action will stop. Skip this element if this is not your searching criteria

</AutomationId>

<ClassName>

Is UIA support window identification type, Value format: string. Default: null

If you add this element, but don't give any value, AutoFlow will see this status is error, parsing action will stop. Skip this element if this is not your searching criteria

</ClassName>

<ControlType>

Is UIA support window identification type, Value format: string. Default: null

If you add this element, but don't give any value, AutoFlow will see this status is error, parsing action will stop. Skip this element if this is not your searching criteria

</ControlType>

<FrameworkId>

Is UIA support window identification type, Value format: string. Default: null

If you add this element, but don't give any value, AutoFlow will see this status is error, parsing action will stop. Skip this element if this is not your searching criteria

</FrameworkId>

<LocalizedControlType>

Is UIA support window identification type, Value format: string. Default: null

If you add this element, but don't give any value, AutoFlow will see this status is error, parsing action will stop. Skip this element if this is not your searching criteria

</LocalizedControlType>

<FullScreenWnd>

Is not UIA support window identification type, Value format: Boolean {ture,false}. Default: false

Only accept small letter English words:"true" or "false"", if you add this element, but don't give any value, AutoFlow will see this status is error, parsing action will stop. Skip this element if this is not your searching criteria

</FullScreenWnd>

<High>

Is not UIA support window identification type, Value format: integer. Default: Int.Min

Only accept any integer number", if you add this element, but don't give any value, , AutoFlow will see this status is error, parsing action will stop. Skip this element if this is not your searching criteria

</High>

<Width>

Is not UIA support window identification type, Value format: integer. Default: Int.Min

Only accept any integer number", if you add this element, but don't give any value, , AutoFlow will see this status is error, parsing action will stop. Skip this element if this is not your searching criteria

</Width>

<Name>

Is UIA support window identification type, Value format: DataSource. Default: null

If you add this element, but don't give any value, AutoFlow will see this status is error, parsing action will stop. Skip this element if this is not your searching criteria, ref AutoFlow.DataSource

</Name>

<HelpText>

Is UIA support window identification type, Value format: DataSource. Default: null

If you add this element, but don't give any value, AutoFlow will see this status is error, parsing action will stop. Skip this element if this is not your searching criteria, ref AutoFlow.DataSource

</HelpText>

<ProcessId>

Is UIA support window identification type, Value format: DataSource. Default: null

If you add this element, but don't give any value, AutoFlow will see this status is error, parsing action will stop. Skip this element if this is not your searching criteria, ref AutoFlow.DataSource

</ProcessId>

<IsControlElement>

Is UIA support window identification type, Value format: boolean. {ture,false}Default: false

Only accept small letter English words:"true" or "false", if you add this element, but don't give any value, AutoFlow will see this status is error, parsing action will stop. Skip this element if this is not your searching criteria

</IsControlElement>

<IsPassword>

Is UIA support window identification type, Value format: boolean. {ture,false} Default: false

Only accept small letter English words:"true" or "false", if you add this element, but don't give any value, AutoFlow will see this status is error, parsing action will stop. Skip this element if this is not your searching criteria

</IsPassword>

<IsContentElement>

Is UIA support window identification type, Value format: boolean. {ture,false} Default: false

Only accept small letter English words:"true" or "false", if you add this element, but don't give any value, AutoFlow will see this status is error, parsing action will stop. Skip this element if this is not your searching criteria

</IsContentElement>

**Example:**

Example1: This is example for searching a window: QQD

<WindowSpecification>

<!--Description of QQD's parent window-->

<ParentWindow>

<ClassName>Button</ClassName>

<Name>Notepad</Name>

<AutomationId>100</AutomationId>

<ControlType>Menu</ControlType>

<ProcessId>1000</ProcessId>

<HelpText>HepText</HelpText>

<High>1024</High>

<Width>768</Width>

<FullScreenWnd>false</FullScreenWnd>

<FrameworkId>13579</FrameworkId>

<LocalizedControlType>XXX</LocalizedControlType>

<IsContentElement>true</IsContentElement>

<IsControlElement>true</IsControlElement>

<IsPassword>false</IsPassword>

</ParentWindow>

<!-- Description of QQD itself-->

<DescendantWindow>

<ClassName>QQD</ClassName>

</DescendantWindow>

</WindowSpecification>