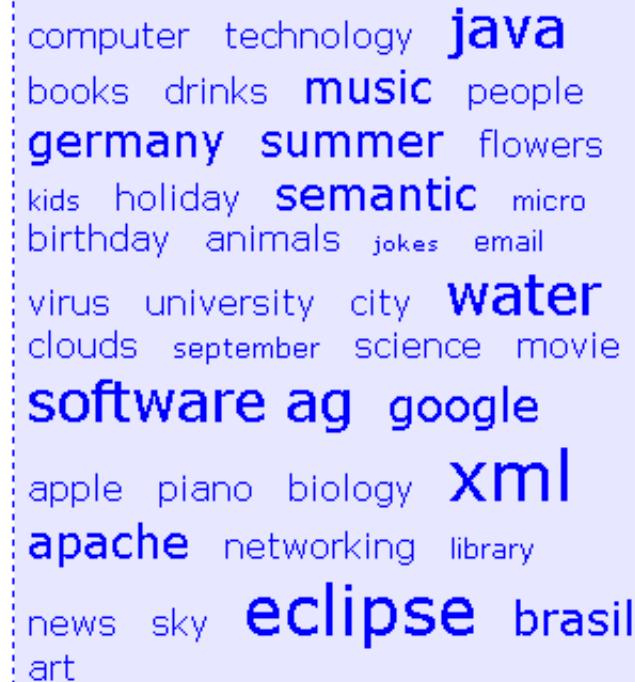# TAGCLOUD

The TAGCLOUD control represents a collection of tags. A tag is a keyword assigned to an information resource (picture, video clip or others). In a tag cloud, the tags are mainly shown by their popularity.

The following topics are covered below:

- Example

- Adapter Interface

- Built-in Events

- Properties

Example

As you can see, different tags can be added to a tag cloud. They differ by their popularity. The most popular tags are those with a bigger font size.

The XML layout definition is:

```
<itr>
   <tagcloud tagcloudprop="tagCloud"
           width="300" height="350"
           borderstyle="dotted" borderwidth="1px"
           bordercolor="#0000FF" backgroundcolor="#E6E6FA"
           textcolor="#0000FF">
   </tagcloud>
</itr>
```

The tag cloud can be customized by defining a background color.

Adapter Interface

```
DEFINE DATA PARAMETER
1 TAGCLOUD
2 TCLITEM (1:*)
3 ID (U) DYNAMIC
3 POPULARITY (I4)
3 TEXT (U) DYNAMIC
END-DEFINE
```

Built-in Events

value-of-tagcloudprop.onSelect

Properties

Basic			
tagcloudprop	Name of the adapter parameter that represents the control in the adapter.	Obligatory	
width	Width of the control. There are three possibilities to define the width: (A) You do not define a width at all. In this case the width of the control will either be a default width or - in case of container controls - it will follow the width that is occupied by its content. (B) Pixel sizing: just input a number value (e.g. "100"). (C) Percentage sizing: input a percantage value (e.g. "50%"). Pay attention: percentage sizing will only bring up correct results if the parent element of the control properly defines a width this control can reference. If you specify this control to have a width of 50% then the parent element (e.g. an ITR-row) may itself define a width of "100%". If the parent element does not specify a width then the rendering result may not represent what you expect.	Optional	100 120 140 160 180 200 50% 100%

height	Height of the control.	Optional	100
			150
	There are three possibilities to define the height:		
			200
	(A) You do not define a height at all. As consequence the control will be rendered with its default height. If the control is a container control (containing) other controls then the height of the control will follow the height of its content.		250
			300
			250
	(B) Pixel sizing: just input a number value (e.g. "20").		
			400
	(C) Percentage sizing: input a percantage value (e.g. "50%"). Pay attention: percentage sizing will only bring up correct results if the parent element of the control properly defines a height this control can reference. If you specify this control to have a height of 50% then the parent element (e.g. an ITR-row) may itself define a height of "100%". If the parent element does not specify a width then the rendering result may not represent what you expect.		50%
			100%
borderstyle	Choose the style the controls border.	Optional	solid
			double
			groove
			dotted
			dashed
			inset
			outset
			ridge
			hidden
borderwidth	Border size of control in pixels. Specify "0" not to render any border at all.	Optional	thin
			medium
			thick
			1px
			2px
			5px
			10px

bordercolor	Sets the border color of the control.	Optional	#FF0000
			#00FF00
			#0000FF
			#FFFFFF
			#808080
			#000000
backgroundcolor	Sets the background color of the control.	Optional	#FF0000
			#00FF00
			#0000FF
			#FFFFFF
			#808080
			#000000
textcolor	Sets the text color of the control.	Optional	#FF0000
			#00FF00
			#0000FF
			#FFFFFF
			#808080
			#000000