

# SLIDER

The SLIDER control represents a slider. The main use of the slider is to limit the user input to specific values. It uses a number representation for its values, but the numbers can also be used to express string values.

The following topics are covered below:

- Example
- Adapter Interface
- Properties

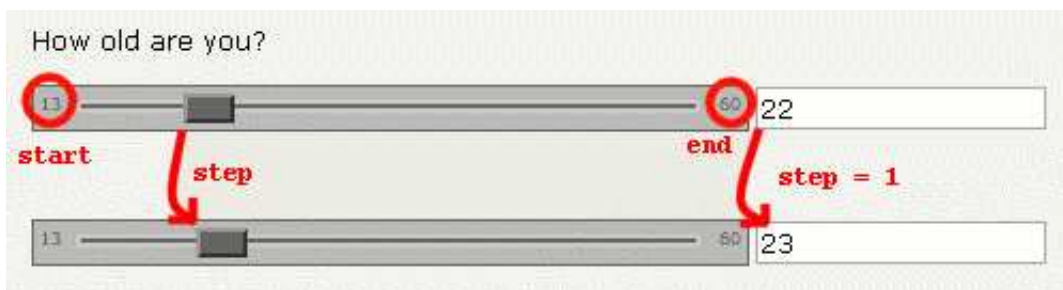
## Example



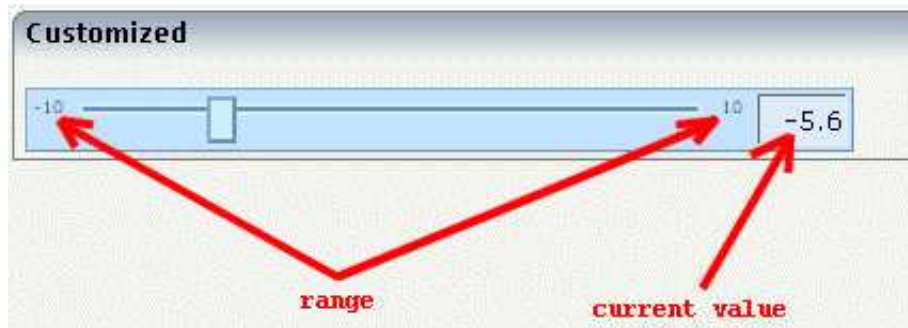
The XML layout definition is:

```
<rowarea name="Number Output">
  <itr>
    <slider valueprop="slider1" from="13" to="60" showrange="true"
            showcurrentvalue="false">
      </slider>
    </itr>
  </rowarea>
```

The control can be customized by setting its start value, end value and a step. The start and end values form a closed interval. The step defines the distance between two valid values represented by the slider in this interval.



In the above example, the value for the step is the default value "1". The possible values represented by the slider are the integers from "13" to "60". It is possible to specify a floating-point number as a step, for example "0,25". The slider can be further customized by setting the properties `showrange` and `showcurrentvalue` which show the range (start and end value) and the current value of the slider while the user is moving it. The width and height of the slider point is adjustable. The slider point is the element which the user drags and drops. The colors, the borders of the slider, the point, the line, the range and the current value can also be customized.



## Adapter Interface

```

DEFINE DATA PARAMETER
1 SLIDER
2 DISPLAYONLY (L)
2 FROM (F4)
2 SLIDERVALUE (F4)
2 STEP (F4)
2 TO (F4)
END-DEFINE

```

## Properties

| Basic       |  |            |   |
|-------------|--|------------|---|
| valueprop   | Name of the adapter parameter that provides the content of the control.                          | Obligatory |   |
| Appearance  |  |            |   |
| width       | Width of the slider. Can be given in pixels or percentage.                                       | Optional   | 100<br>120<br>140<br>160<br>180<br>200<br>50%<br>100% |
| displayonly | If set to true, the SLIDER will not be accessible for input. It is just used as an output.       | Optional   | true<br>false   |
| showrange   | Boolean value. Whether to show the range of the slider. The range is the "from" and "to" values. | Optional   | true<br>false   |

|                  |  |          |  |
|------------------|--|----------|--|
| showcurrentvalue | Boolean value. Whether to show the current value of the slider while it is moving.   | Optional | true<br>false  |
| mainbgcolor      | Background color of the slider container.<br><br>This should be a valid CSS color value. For example a name(blue, red), a hexadecimal value(#99CCFF) or others.  | Optional | #FF0000<br><br>#00FF00<br><br>#0000FF<br><br>#FFFFFF<br><br>#808080<br><br>#000000 |
| mainbordercolor  | Border color of the slider container.<br><br>This should be a valid CSS border-color value. You can specify a different color for the top, right, bottom and left border in this sequence. For example:<br>#BBBBBB #666666 #666666 #BBBBBB | Optional | #bbb #666<br>#666 #bbb<br><br>#BFCFFF<br>#00248F<br>#00248F<br>#BFCFFF             |
| mainborderwidth  | Border width of the slider container.  | Optional | thin<br><br>medium<br><br>thick<br><br>1px<br><br>2px<br><br>5px<br><br>10px       |
| pointbgcolor     | Background color of the slider point.<br><br>This should be a valid CSS color value. For example a name(blue, red), a hexadecimal value(#99CCFF) or others.  | Optional | #FF0000<br><br>#00FF00<br><br>#0000FF<br><br>#FFFFFF<br><br>#808080<br><br>#000000 |

|                  |  |          |   |
|------------------|--|----------|---|
| pointbordercolor | <p>Border color of the slider point.</p> <p>This should be a valid CSS border-color value. You can specify a different color for the top, right, bottom and left border in this sequence. For example:<br/>#BBBBBB #666666 #666666 #BBBBBB</p> | Optional | <p>#bbb #666<br/>#666 #bbb</p> <p>#BFCFFF<br/>#00248F<br/>#00248F<br/>#BFCFFF</p>         |
| pointborderwidth | Border width of the slider point.  | Optional | <p>thin</p> <p>medium</p> <p>thick</p> <p>1px</p> <p>2px</p> <p>5px</p> <p>10px</p>       |
| pointwidth       | Width of the slider point in pixels. The value must be an integer value.   | Optional | <p>10</p> <p>20</p> <p>40</p> <p>100</p> <p>300</p>                                       |
| pointheight      | Height of the slider point in pixels. The value must be an integer value.  | Optional | <p>10</p> <p>20</p> <p>40</p> <p>100</p> <p>300</p>                                       |
| linebgcolor      | <p>Background color of the slider line.</p> <p>This should be a valid CSS color value. For example a name(blue, red), a hexadecimal value(#99CCFF) or others.</p>  | Optional | <p>#FF0000</p> <p>#00FF00</p> <p>#0000FF</p> <p>#FFFFFF</p> <p>#808080</p> <p>#000000</p> |

|                 |   |          |   |
|-----------------|---|----------|---|
| linebordercolor | <p>Border color of the slider line.</p> <p>This should be a valid CSS border-color value. You can specify a different color for the top, right, bottom and left border in this sequence. For example:<br/>#BBBBBB #666666 #666666 #BBBBBB</p> | Optional | #bbb #666<br>#666 #bbb<br>#BFCFFF<br>#00248F<br>#00248F<br>#BFCFFF                                  |
| lineborderwidth | Border width of the slider line.  | Optional | thin<br>medium<br>thick<br>1px<br>2px<br>5px<br>10px  |
| rangefontsize   | Font size of the slider range.  | Optional | xx-small<br>x-small<br>small<br>medium<br>large<br>x-large<br>xx-large<br>smaller<br>larger<br>150% |
| valuebgcolor    | <p>Background color of the slider current value which is shown if the "showcurrentvalue" property is set to true.</p> <p>This should be a valid CSS color value. For example a name(blue, red), a hexadecimal value(#99CCFF) or others.</p>   | Optional | #FF0000<br>#00FF00<br>#0000FF<br>#FFFFFF<br>#808080<br>#000000                                      |

|                  |  |          |   |
|------------------|--|----------|---|
| valuebordercolor | <p>Background color of the slider current value which is shown if the "showcurrentvalue" property is set to true.</p> <p>This should be a valid CSS border-color value. You can specify a different color for the top, right, bottom and left border in this sequence. For example: #bbb #666 #666 #666 #bbb</p> | Optional | #bbb #666<br>#666 #bbb<br>#BFCFFF<br>#00248F<br>#00248F<br>#BFCFFF                                  |
| valueborderwidth | <p>Border width of the slider current value which is shown if the "showcurrentvalue" property is set to true.</p>  | Optional | thin<br>medium<br>thick<br>1px<br>2px<br>5px<br>10px  |
| valuefontsize    | <p>Font size of the slider current value which is shown if the "showcurrentvalue" property is set to true.</p>   | Optional | xx-small<br>x-small<br>small<br>medium<br>large<br>x-large<br>xx-large<br>smaller<br>larger<br>150% |