

Example

Fan - Curve

by:	Gregory Haynes, January 2019
published:	http://forum.avolites.com/viewtopic.php?f=20&t=5962
description:	Macros to set the fan curve. May be put in buttons for easy access. Buttons will show the currently selected curve.
remarks:	

[fan](#), [curve](#), [active](#), [binding](#), [converter](#)

functions

- [Programmer.Editor.Fixtures.Fan.SelectCurve](#)

affected properties

- [Programmer.Editor.Fixtures.Fan.SelectedFanCurveId](#)

control structures

- [Active Binding](#)
- [Math.EqualityConverter](#)

Code

[FanCurve.xml](#)

```
<?xml version="1.0" encoding="utf-8"?>
<avolites.macros xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="Avolites.Menus.xsd">
  <!-- Fan curve macros. Gregory Haynes 02/01/2019 -->
  <macro id="Avolites.Macros.FanCurve.Line" name="Fan Curve Line">
    <description>Set the current fan curve to Line.</description>
    <active binding="{
      propertyLink
id='Programmer.Editor.Fixtures.Fan.SelectedFanCurveId'
  converter='Math.EqualityConverter' converterParameter='Line'
}" />
    <sequence>
      <step>Programmer.Editor.Fixtures.Fan.SelectCurve("Line")</step>
    </sequence>
  </macro>

  <macro id="Avolites.Macros.FanCurve.Mirror" name="Fan Curve Mirror">
    <description>Set the current fan curve to Mirror.</description>
```

```
<active binding="{
  propertyLink
id='Programmer.Editor.Fixtures.Fan.SelectedFanCurveId'
  converter='Math.EqualityConverter' converterParameter='Mirror'
}"/>
<sequence>
  <step>Programmer.Editor.Fixtures.Fan.SelectCurve("Mirror")</step>
</sequence>
</macro>

<macro id="Avolites.Macros.FanCurve.Wings" name="Fan Curve Wings">
  <description>Set the current fan curve to Wings.</description>
  <active binding="{
    propertyLink
id='Programmer.Editor.Fixtures.Fan.SelectedFanCurveId'
    converter='Math.EqualityConverter' converterParameter='Wings'
  }"/>
  <sequence>
    <step>Programmer.Editor.Fixtures.Fan.SelectCurve("Wings")</step>
  </sequence>
</macro>

<macro id="Avolites.Macros.FanCurve.PullMiddle" name="Fan Curve Pull
Middle">
  <description>Set the current fan curve to Pull
Middle.</description>
  <active binding="{
    propertyLink
id='Programmer.Editor.Fixtures.Fan.SelectedFanCurveId'
    converter='Math.EqualityConverter' converterParameter='Pull
Middle'
  }"/>
  <sequence>
    <step>Programmer.Editor.Fixtures.Fan.SelectCurve("Pull
Middle")</step>
  </sequence>
</macro>

<macro id="Avolites.Macros.FanCurve.PullEnds" name="Fan Curve Pull
Ends">
  <description>Set the current fan curve to Pull Ends.</description>
  <active binding="{
    propertyLink
id='Programmer.Editor.Fixtures.Fan.SelectedFanCurveId'
    converter='Math.EqualityConverter' converterParameter='Pull Ends'
  }"/>
  <sequence>
    <step>Programmer.Editor.Fixtures.Fan.SelectCurve("Pull
Ends")</step>
  </sequence>
```

```
</macro>

<macro id="Avolites.Macros.FanCurve.PullEnd" name="Fan Curve Pull
End">
  <description>Set the current fan curve to Pull End.</description>
  <active binding="{
    propertyLink
id='Programmer.Editor.Fixtures.Fan.SelectedFanCurveId'
    converter='Math.EqualityConverter' converterParameter='Pull End'
  }"/>
  <sequence>
    <step>Programmer.Editor.Fixtures.Fan.SelectCurve("Pull
End")</step>
  </sequence>
</macro>
</avolites.macros>
```

Explanation

This explains the functional steps within the sequence. For all the other XML details please refer to [Formats and syntax](#)

The macros simply set the fan curve to a specific value. Each macro can be put on a button. Using [Active Binding](#) the button is highlighted if the curve is currently selected.

How to use it

- [make this macro available](#)
- copy the macros on available buttons to quickly change the fan curve.

From:

<https://www.avosupport.de/wiki/> - **AVOSUPPORT**

Permanent link:

<https://www.avosupport.de/wiki/macros/example/setfancurve?rev=1555063474>

Last update: **2019/04/12 10:04**

