

Example

Fan Curves

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description:	Changes fan curves, grouping and parts
remarks:	

adb_fancurves.xml
[fan](#), [curve](#), [group](#), [segment](#), [part](#)

This selection of macros lets you change the fan curve, parts and grouping options without having to enter the fan menu. These macros have [Active Binding](#) set so they will highlight when the corresponding attribute is set. 5/1/19 Fan Toggle macro added in the file

The code below is a snippet of the whole file which contains macros for all curves, grouping options and a handful of segments/parts.

functions

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

affected properties

- [Programmer.Editor.Fixtures.Fan.SelectedFanCurveld](#)
- [Programmer.Editor.Fixtures.Fan.GroupOptions](#)
- [Programmer.Editor.Fixtures.Fan.SegmentCount](#)

Code

[fancurves.xml](#)

```
<?xml version="1.0" encoding="utf-8"?>
<avolites.macros>

    <!-- Fan curves: Line, Mirror, Wings, Arrow, Pull Middle, Pull Ends,
    Pull End-->
    <macro id="adb.Macros.fan.Line" name="adb fan Line">
        <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>

<!-- Fan Grouping -->
<macro id="adb.Macros.fan.FanWithinGroup" name="adb fan
FanWithinGroup">
    <active binding="{propertyLink
id='Programmer.Editor.Fixtures.Fan.GroupOptions'
converter='Math.EnumAsStringEqualityConverter'
converterParameter='FanWithinGroup'}"/>
    <sequence>
<step>ActionScript SetProperty.Enum("Programmer.Editor.Fixtures.Fan.Gro
upOptions", "FanWithinGroup")</step>
    </sequence>
</macro>

<!-- Fan Parts -->
<macro id="adb.Macros.fan.3part" name="adb fan 3part">
    <active binding="{propertyLink
id='Programmer.Editor.Fixtures.Fan.SegmentCount'
converter='Math.EqualityConverter' converterParameter='3'}"/>
    <sequence>
<step>ActionScript SetProperty("Programmer.Editor.Fixtures.Fan.SegmentC
ount",3)</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](#)

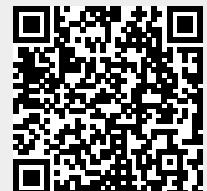
- `Programmer.Editor.Fixtures.Fan.SelectCurve("Line")` sets the `SelectedFanCurveId` to "Line"
- `Programmer.Editor.Fixtures.Fan.GroupOptions` is the property regarding the grouping options and needs to be set via `ActionScript SetProperty.Enum`
- `Programmer.Editor.Fixtures.Fan.SegmentCount` the number of parts the fan is split into and again needs to be set via `ActionScript SetProperty`
- `active binding` is used to highlight a macro when the corresponding property (`propertyLink id`) matches the `converterParameter`. A good starting point to understand active binding is either this wiki or this post in the Avo forum
<http://forum.avolites.com/viewtopic.php?f=20&t=5962>

How to use it

- make this macro available

From:

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



Permanent link:

<https://avosupport.de/wiki/macros/example/fancurves?rev=1546647082>

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