Example

Capture - Rendering Settings

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published:	here
description:	change Capture render settings via macro
remarks:	

Remarks

- These macros combine several capture properties to achieve sensible settings
- ambient lighting and haze settings are controlled via separate macros
- I like to use the macro for low render settings in a startup cuelist as it helps PCs with less powerful graphics cards to open capture

capture, render, rendering, atmosphere, spill, bloom, settings

functions

- ActionScript.SetProperty.Boolean
- ActionScript.SetProperty.Float
- ActionScript.SetProperty.Enum

affected properties

- Visualiser.Capture.AutomaticQuality
- Visualiser.Capture.BloomAmount
- Visualiser.Capture.AtmosphereContrast
- Visualiser.Capture.AtmosphereSpeed
- Visualiser.Capture.SpillLighting
- Visualiser.Capture.CaptureRenderingSettings

Code

capturerendersettings.xml

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

  <!-- CaptureRenderingSettings, Alex del Bondio - April 2019 -->
  <macro id="adb.Macros.Capture.qualhigh" name="Capture High Quality">
    <active binding="{
      propertyLink id='Visualiser.Capture.CaptureRenderingSettings'
      converter='Math.EnumAsStringEqualityConverter'
      converterParameter='High'
    }"/>
```

```
    <sequence>
<step>ActionScript.SetProperty.Boolean("Visualiser.Capture.AutomaticQua
lity", false)</step>
<step>ActionScript.SetProperty.Float("Visualiser.Capture.BloomAmount",
0)</step>
<step>ActionScript.SetProperty.Float("Visualiser.Capture.AtmosphereCont
rast", 0.6)</step>
<step>ActionScript.SetProperty.Float("Visualiser.Capture.AtmosphereSpee
d", 0.3)</step>
<step>ActionScript.SetProperty.Boolean("Visualiser.Capture.SpillLightin
g", true)</step>
<step>ActionScript.SetProperty.Enum("Visualiser.Capture.CaptureRenderin
gSettings", "High")</step>
    </sequence>
  </macro>

  <macro id="adb.Macros.Capture.qualmed" name="Capture Medium Quality">
    <active binding="{
      propertyLink id='Visualiser.Capture.CaptureRenderingSettings'
      converter='Math.EnumAsStringEqualityConverter'
      converterParameter='Medium'
    }"/>
    <sequence>
<step>ActionScript.SetProperty.Boolean("Visualiser.Capture.AutomaticQua
lity", false)</step>
<step>ActionScript.SetProperty.Float("Visualiser.Capture.BloomAmount",
0)</step>
<step>ActionScript.SetProperty.Float("Visualiser.Capture.AtmosphereCont
rast", 0.3)</step>
<step>ActionScript.SetProperty.Float("Visualiser.Capture.AtmosphereSpee
d", 0.1)</step>
<step>ActionScript.SetProperty.Boolean("Visualiser.Capture.SpillLightin
g", false)</step>
<step>ActionScript.SetProperty.Enum("Visualiser.Capture.CaptureRenderin
gSettings", "Medium")</step>
    </sequence>
  </macro>

  <macro id="adb.Macros.Capture.quallow" name="Capture Low Quality">
    <active binding="{
      propertyLink id='Visualiser.Capture.CaptureRenderingSettings'
      converter='Math.EnumAsStringEqualityConverter'
      converterParameter='Low'
    }"/>
    <sequence>
<step>ActionScript.SetProperty.Boolean("Visualiser.Capture.AutomaticQua
lity", false)</step>
<step>ActionScript.SetProperty.Float("Visualiser.Capture.BloomAmount",
0)</step>
<step>ActionScript.SetProperty.Float("Visualiser.Capture.AtmosphereCont
```

```
rast", 0)</step>
<step>ActionScript.SetProperty.Float("Visualiser.Capture.AtmosphereSpee
d", 0)</step>
<step>ActionScript.SetProperty.Boolean("Visualiser.Capture.SpillLightin
g", false)</step>
<step>ActionScript.SetProperty.Enum("Visualiser.Capture.CaptureRenderin
gSettings", "Low")</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

- “`Visualiser.Capture.AutomaticQuality”, false` turns auto-quality off
- `Visualiser.Capture.BloomAmount` sets the Bloom Amount
- `Visualiser.Capture.AtmosphereContrast` sets Smoke Variation
- `Visualiser.Capture.AtmosphereSpeed` sets Smoke Speed
- `Visualiser.Capture.SpillLighting` turns Spill Lighting on or off
- `Visualiser.Capture.CaptureRenderingSettings` sets the actual Rendering Settings Detail

How to use it

- make this macro available

From:
https://avosupport.de/wiki/ - **AVOSUPPORT**

Permanent link:
https://avosupport.de/wiki/macros/example/capturerendersettings?rev=1557048265

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