

Example

Create a mixed colour palette (Snippet)

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| by: | Alex del Bondio, January 2019 |
| published: | http://forum.avolites.com/viewtopic.php?f=20&t=5991 |
| description: | create a mixed colour palette based on groups and palettes |
| remarks: | idea/request by Michiel3000 |

[create](#), [colour](#), [palette](#)

functions

- [Programmer.Editor.ClearAll](#)
- [Group.RecallGroupNumeric](#)
- [Palette.ApplyPalette](#)
- [ActionScript.SetProperty](#)
- [Palette.StoreCurrentPaletteReplace](#)

affected properties

- [Palette.CurrentPaletteHandle](#)

Code

```
<step>Programmer.Editor.ClearAll()</step>
<step>Group.RecallGroupNumeric(101)</step>
<step>Palette.ApplyPalette("paletteHandleUN=100", false)</step>
<step>Group.RecallGroupNumeric(102)</step>
<step>Palette.ApplyPalette("paletteHandleUN=100", false)</step>
<step>Group.RecallGroupNumeric(103)</step>
<step>Palette.ApplyPalette("paletteHandleUN=101", false)</step>
<step>ActionScript.SetProperty("Palette.CurrentPaletteHandle",
handle:"paletteHandleUN=113")</step>
<step>Palette.StoreCurrentPaletteReplace()</step>
<step>Programmer.Editor.ClearAll()</step>
```

Explanation

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

- `Programmer.Editor.ClearAll` ensure the editor is empty
- one by one various groups are called and a palette is applied:
 - `Group.RecallGroupNumeric` selects a group
 - `Palette.ApplyPalette` applies a palette to the fixtures in this group

- `ActionScript.SetProperty("Palette.CurrentPaletteHandle", handle:...)` selects the palette where the result is to be stored
- `Palette.StoreCurrentPaletteReplace` stores/replaces the target palette
- a final `Programmer.Editor.ClearAll` clears the editor again

Note that the target palette needs to be recorded as normal palette in the first place else this would store only the last colour information as shared or global.

How to use it

This is a snippet only - adapt and use it in your own macros.

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

Permanent link: <https://avosupport.de/wiki/macros/example/createmixedcolourpalette?rev=1556985516>

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