

Example

# Create a mixed colour palette (Snippet)

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

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

**From Titan v15 on ClearAll() requires two parameters, see [Programmer.Editor.ClearAll](#). Simply change the relevant line(s) to `Programmer.Editor.ClearAll(false, false)`.**

## 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://www.avosupport.de/wiki/> - **AVOSUPPORT**

Permanent link:

<https://www.avosupport.de/wiki/macros/example/createmixedcolourpalette>

Last update: **2021/06/10 19:06**

