

Example

# Patch - Freeze selected fixtures

<b>by:</b>	Gregory Haynes, Nov. 2017
<b>published:</b>	<a href="http://forum.avolites.com/viewtopic.php?f=20&amp;t=5408">http://forum.avolites.com/viewtopic.php?f=20&amp;t=5408</a>
<b>description:</b>	Freezes/Unfreezes the selected fixtures
<b>remarks:</b>	silently shows the use of <a href="#">IEnumerable</a>

[freeze](#), [unfreeze](#), [selected](#), [fixture](#)

## functions

- [Programmer.Editor.Selection.GetSelectedHandles](#)
- [Programmer.Editor.Fixtures.Patch.FreezeFixtures](#)

## affected properties

- [Windows.PatchView.Handles](#)

## Code

[FreezeSelectedFixtures.xml](#)

```
<?xml version="1.0" encoding="utf-8" ?>
<avolites.macros xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="Avolites.Menus.xsd">

  <macro id="Avolites.Macros.FreezeSelectedFixtures" name="Freeze
Selected Fixtures">
    <description>Freezes the currently selected fixtures.</description>
    <sequence>
<step>Programmer.Editor.Selection.GetSelectedHandles("Windows.PatchView
.Handles")</step>
<step>Programmer.Editor.Fixtures.Patch.FreezeFixtures(Windows.PatchView
.Handles, True)</step>
    </sequence>
  </macro>

  <macro id="Avolites.Macros.UnfreezeSelectedFixtures" name="Unfreeze
Selected Fixtures">
    <description>Unfreezes the currently selected
fixtures.</description>
    <sequence>
<step>Programmer.Editor.Selection.GetSelectedHandles("Windows.PatchView
.Handles")</step>
<step>Programmer.Editor.Fixtures.Patch.FreezeFixtures(Windows.PatchView
```

```
.Handles, False)</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](#)

Each macro gets the currently selected fixtures and puts these handles in the menu property "Windows.PatchView.Handles".

All fixtures in this property are then frozen resp. unfrozen.

## How to use it

- [make this macro available](#)
- selecting some fixtures and firing one of the macros freezes/unfreezes the selected fixtures

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

Permanent link:  
<https://avosupport.de/wiki/macros/example/freezesselectedfixtures>

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