Example

Shapes - Reverse, Offset, Restart

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description:	reverses shape on part of fixtures, offsets them, restarts shape
remarks:	most useful for circle shapes

shapes, invert, offset, restart

functions

- someusedfunction
- anotherusedfunction

affected properties

- someproperty
- anotherusedproperty

control structures

- anyspecials?

Code

filename.xml

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

<!-- Symmetrical Shape -->

  <macro id="MM.Macros.Shapes.SymmShape16.4" name="mm Symmetrical Shape
16 Fix SB 4">
    <sequence>
      <step pause="0.001">Editor.Shapes.ProgrammerShapesList()</step>
      <step condition="!Editor.Shapes.ProgrammerShapes.Empty">
        Editor.Shapes.SelectAllShapes()
      </step>
      <!--  <step condition="!Editor.Shapes.EditShapesEmpty">  // not
from v12 on! -->
      <step
pause="0.001">ActionScript.SetProperty.Integer('Editor.Shapes.Spread',
```

```
8)</step>
      <step pause="0.001">Command.RunCommand("PATTERN 8 IN 16")</step>
      <step
pause="0.001">ActionScript.SetProperty.Boolean("Selection.Context.Globa
l.RepeatPattern", true)</step>
      <step pause="0.001">Editor.Shapes.Reverse()</step>
      <step
pause="0.001">ActionScript.SetProperty.Double('Editor.Shapes.PhaseOffse
t', 180)</step>
      <step
pause="0.001">Programmer.RefireProgrammer(Programmer.CurrentProgrammerI
ds)</step>
      <step
pause="0.001">Selection.Context.Global.ClearPatternSelect()</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

tbd

How to use it

1. make this macro available

tbd

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

Permanent link:
https://avosupport.de/wiki/macros/example/reverseoffsetrestart?rev=1583074592

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