Example

Set All Shapes Direction

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description:	Set the direction of all running shapes
remarks:	

shapes, direction, select, recall, macro

This is a combination of Select all running shapes and Shapes - Shape Direction, to set all running shapes' direction at once. The file consists of a number of macros. The first one selects all running shapes. The other macros recall the first one, and then set the direction to the various possible values,

functions

- Editor.Shapes.ConnectShapesList
- Editor.Shapes.SelectAllShapes
- ActionScript.SetProperty.Boolean
- UserMacros.RecallMacroById
- Editor.Shapes.SetCurrentShapesDirection

affected properties

- Editor.Shapes.ProgrammerShapes.Empty
- Editor.Shapes.EditShapesEmpty
- Editor.Shapes.EditingPlaybackShapes

control structures

- step condition

The file with all macros for all possible directions is available

here as allshapesdirection.xml

.

Code

allshapesdirection_short.xml

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

  <macro id="Wiki.Macros.SelectAllShapes" name="Select All Shapes">
```

```
    <sequence>
      <step>Editor.Shapes.ConnectShapesList()</step>
      <step
condition="!Editor.Shapes.ProgrammerShapes.Empty">Editor.Shapes.SelectA
llShapes()</step>
      <step
condition="!Editor.Shapes.EditShapesEmpty">ActionScript.SetProperty.Boo
lean("Editor.Shapes.EditingPlaybackShapes", true)</step>
    </sequence>
  </macro>

  <macro id="Wiki.Macros.AllShapes.Direction.LeftToRight" name="All
Shapes Direction LeftToRight">
    <sequence>
<step>UserMacros.RecallMacroById("Wiki.Macros.SelectAllShapes")</step>
<step>Editor.Shapes.SetCurrentShapesDirection("LeftToRight")</step>
    </sequence>
  </macro>

  <macro id="Wiki.Macros.AllShapes.Direction.TopDown" name="All Shapes
Direction TopDown">
    <sequence>
<step>UserMacros.RecallMacroById("Wiki.Macros.SelectAllShapes")</step>
      <step>Editor.Shapes.SetCurrentShapesDirection("TopDown")</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

The file contains of a number of macros.

- the first macro `Select All Shapes` is described in Select all running shapes. It is used in all subsequent macros.
- the other macros recall the first macro using `UserMacros.RecallMacroById`, and then set the direction as explained in Shapes - Shape Direction

How to use it

1. make this macro available

tbd

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