Example

Macro - Copy Macro by MacroId

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description:	copy a macro, identifying it by its macroId.
remarks:	Best used together with setup/initialize macros, e.g. Create Workspaces

Original idea/request by Alex del Bondio, see http://forum.avolites.com/viewtopic.php?f=20&t=5780.

The main problem when attempting to copy items from the show library is that imported items don't have a dedicated handle - the items from an imported show are displayed dynamically. Hence a way needs to be found how to address an item by other means - in the case of macros: their Id.

copy, import, macro, id, macroid

functions

- Playbacks.Editor.Macros.SetTargetHandle
- ActionScript.SetProperty.Enum
- Handles.SetSourceHandleFromHandle
- Handles.CopyDestination

affected properties

- Handles.OperationMode
- Playbacks.Editor.Macros.Target.Handle

Code

copyMacroById.xml

```
<?xml version="1.0" encoding="utf-8"?>
<avolites.macros>
 <macro id="Avolites.Macros.CopyMacroById" name="Copy Macro Snap to
Fixtures #1">
    <description></description>
    <sequence>
<step>Playbacks.Editor.Macros.SetTargetHandle("Avolites.Macros.SnapForw
ard")</step>
      <step>ActionScript.SetProperty.Enum("Handles.OperationMode",
"move")</step>
<step>Handles.SetSourceHandleFromHandle(Playbacks.Editor.Macros.Target.
Handle)</step>
      <step>Handles.CopyDestination("Fixtures", 0)</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 `SetTargetHandle` call uses the macro ID string to get the handle associated with the macro (even if it is an unassigned factory macro) and assigns that handle to the `Playbacks.Editor.Macros.Target.Handle` property. This property can then be passed into any other function that requires a handle such as the `SetSourceHandleFromHandle` function.

How to use it

- make this macro available
- this macro is best used together with other setup macros to copy your preferred macros to locations of your liking

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