Example

# Playback Groups - Create and Add

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| **by:** | Sebastian Beutel, June 2021 |
| **published:** | here |
| **description:** | basic functionality: creating a playback group and adding some playbacks |
| **remarks:** | with great support by Gregory Haynes |

PlaybackGroup, group, create, add, ienumerable

Playback Groups were introduced with Titan v13, January 2020. This functionality is not available in earlier versions.

This example is meant to show how Playback Groups are created, how playbacks are added, how the various parameters are conveyed, and which caveats need to be taken care of. Particular attention should be paid to setting IEnureables.

### functions

- Handles.SetSourceHandleRange
- Handles.ClearSelection
- PlaybackGroups.CreatePlaybackGroupWithPlaybacks
- Playbacks.FilterByPlaybackHandle
- PlaybackGroups.SetCurrentPlaybackGroupFromUserNumber

### affected properties

- Handles.ContextHandles

## Code

PlaybackGroupsBasics.xml

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

  <macro id="Wiki.Macros.PlaybackGroups.Test.AddPB12tonewPBG" name="Add
Playbacks 1 and 2 to new PBG">
    <sequence>
      <step>Handles.SetSourceHandleRange("Playbacks", {0, 1})</step>
      <step>PlaybackGroups.CreatePlaybackGroupWithPlaybacks("Test",
Playbacks.FilterByPlaybackHandle(Handles.ContextHandles))</step>
      <step>Handles.ClearSelection()</step>
    </sequence>
  </macro>
```

```
<!-- the new PBG is also current as in
PlaybackGroups.CurrentPlaybackGroup -->

  <macro id="Wiki.Macros.PlaybackGroups.Test.AddCue3CL1tocurrPBG"
name="Add Cue 3 CL 1 to curr PBG">
    <sequence>
<step>PlaybackGroups.AddPlaybacksToGroup(PlaybackGroups.CurrentPlayback
Group, "{cueHandleUN=3,cueListHandleUN=1}")</step>
    </sequence>
  </macro>

  <macro id="Wiki.Macros.PlaybackGroups.Test.AddPB2tocurrPBG" name="Add
PB 2 to curr PBG">
    <sequence>
<step>PlaybackGroups.AddPlaybacksToGroup(PlaybackGroups.CurrentPlayback
Group, Playbacks.FilterByPlaybackHandle(userNumber:2))</step>
    </sequence>
  </macro>

  <macro id="Wiki.Macros.PlaybackGroups.Test.AddPB3toPBG1" name="Add PB
3 to PBG 1">
    <sequence>
<step>PlaybackGroups.AddPlaybacksToGroup(handle:"playbackGroupHandleUN=
1", "cueHandleUN=3")</step>
    </sequence>
  </macro>

  <macro id="Wiki.Macros.PlaybackGroups.Test.AddCue3tocurrPBG2"
name="Add Cue 3 to curr PBG 2">
    <sequence>
<step>PlaybackGroups.SetCurrentPlaybackGroupFromUserNumber(2)</step>
<step>PlaybackGroups.AddPlaybacksToGroup(PlaybackGroups.CurrentPlayback
Group, "cueHandleUN=3")</step>
    </sequence>
  </macro>

  <macro id="Wiki.Macros.PlaybackGroups.AddPBsByTitanId" name="Adding
PBs to PBG by TitanID">
    <description>No practical use as the TitanIDs are not really
accessible</description>
    <sequence>
<step>PlaybackGroups.AddPlaybacksToGroup(PlaybackGroups.CurrentPlayback
Group, "{ 1812; 1999 }")</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

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Last update: **2021/06/12 16:29**