Function

Handles.CreateHandleReference

```
HandleReference Handles.CreateHandleReference(String group, Int32 page,
Int32 index)
```

API	http://api.avolites.com/11.0/Handles.CreateHandleReference.html
description	Creates a handle reference object from the group page and index.
namespace	Handles
parameter	group (String) : The group of handles.
	page (Int32) : The page within the group.
	index (Int32) : Index of the handle within this page.
return value	Handle

Used to pass a handle reference when creating a new one, when the handle does not yet exist.

Page and index are 0-based, e.g. ("Groups", 0, 0) is the first button on page 1 in the groups window.

Gregory Haynes gives a good explanation for its use when a function requires a handle which is yet to be created (here: Group.QuickCreateGroup):

> The handle search converter which is used to interpret the "Location=Groups,1,10" is designed to find a handle based on the description. If there is no matching handle i.e. a recorded group then it will return null (nothing) and therefore it cannot be used to specify a location where nothing exists. What you need instead is a handle reference so you could do something like the following:
>
> Group.QuickCreateGroup(Handles.CreateHandleReference("Groups", 1, 10), userNumber:10, "Group 10", 0)

Example in

Workspace.Record:

```
  <step>Workspace.Record(Handles.CreateHandleReference("Workspaces", 0, 0),
"Playbacks", 0, true, false)</step>
```

Also used in

- Create Dummy Palettes
- Quick-Create groups
- Function list
- Group.QuickCreateGroup
- Workspace.Record

Remarks