

Function

# Handles.CreateHandleReference

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

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

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

- [Quick-Create groups](#)
- [Function list](#)
- [Group.QuickCreateGroup](#)
- [Workspace.Record](#)

## Remarks

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