fnNavGetLayoutName (navCode)

Is **vWindowName** in $$navHistory stack?

— no → Add **vWindowName** to history stack with default values, then call **fnNavGetLayoutName** recursively

fnNavGetLayoutName (navCode)

yes ↓

Does **vNavType** = "layout"?

— yes → Return <layoutName> from **vNavStructure**

no ↓

Does **vNavType** = "back"?

— yes → Is the current user's position within **$$navHistory** at the beginning of a window's stack?

— yes → Return "Error = 2002" (cannot go further back)

— no → Select the **navCode** for the prior position within **$$navHistory**, then call **fnNavGetLayoutName** recursively

fnNavGetLayoutName (navCode)

no ↓

Does **vNavType** = "forward"?

— yes → Is the current user's position within **$$navHistory** at the end of a window's stack?

— yes → Return "Error = 2003" (cannot go further forward)

— no → Select the **navCode** for the next position within **$$navHistory**, then call **fnNavGetLayoutName** recursively

fnNavGetLayoutName (navCode)

no ↓

Does **vNavType** = "group"?

— yes → Is **navCode** within **$$navHistory**?

— yes → Select the **saved navCode** for this group from within **$$NavHistory**, then call **fnNavGetLayoutName** recursively

fnNavGetLayoutName (navCode)

— no → Select the **default navCode** for this group from within **vNavStructure**, then call **fnNavGetLayoutName** recursively

fnNavGetLayoutName (navCode)

no ↓

Return "Error = 2004" (navCode or type not recognized)