

List Builder.

This driver is very much like the Layer Switch driver, but it also creates an Item List that can be used in Apex to switch layers. Apex likes lists.

You can setup up to 20 lists and each list can have up to 50 items. You don't need to use the Item List in Apex if you don't want, as you can select items manually on buttons if you like, just as you would in Layer switch.

All the lists are specific to each controller. You don't need to build a separate list for an iPad and for a T4x if both lists serve the same function. Both lists will work independently. Each list also has an event that is triggered whenever an item is selected from a list on any controller.

Apex only allows 4 Item Lists on each controller. Each Item List has an instance number from 1 to 4 assigned by Apex. This can be changed by right clicking on the list, Goto 'Properties', Goto 'Item List' and you will see the instance number.

Lists don't work as expected on Virtual Pannels, as you can't grab the list and scroll with gestures in the same way as you can on a T4x or iPad. To scroll, you need to drag a command onto a button. Create a Button labelled 'Page Down'. Goto 'Objects'. Goto 'Two Way Item Lists'. Drag the 'Page Down' command onto the Button (Not into the Button Properties Area). Repeat this for Page Up, Scroll Up and Scroll Down. You then need to make sure the button has the same instance number as your list. Right click on the button. Goto 'Properties'. Goto 'Command'. Set the instance number to the same as the list you want the button to control.

This driver is compatible with XP Diagnostics Driver. All the actions of the driver can be viewed in the XP Diagnostics log.

Driver Properties:

Configuration:

Enter the number of lists that you want to use in the project.

Give each list a descriptive name.

Give each item in the list a descriptive name. The selected item name is available as a string variable.

Driver Functions:

Each item in a list has a function to set it as the selected item manually. This clears all the other items in the list.

Each list also has a function to set or clear all the items in the list.

Variables:

Each item in the list has a Boolean variable that is set when the item is selected from the list.

There is a Boolean variable to show when all items are selected and when none is selected.

A string variable with the name of the item selected, specified in the configuration, is available for user feedback.

Events:

Each item in the list triggers an event when the item is selected on any controller.

There are events for when all items or no items are selected.

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