



### 1 Function and area of use

This document explains Screen ID and how it can be set up.

There are 2 systemtags in iX which enables you to read the current screen and to set a new screen. This is done by setting a unique number to the screens.

This function for example enables you to control the screens with PLC/controller.

Software requirements:

- iX Developer 2.0

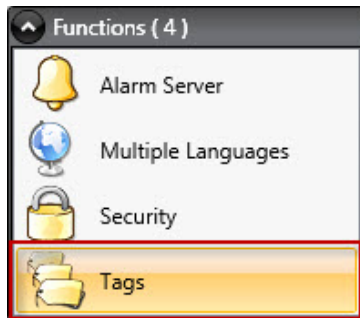
### 2 About this Start-Up document

This Start Up document should not be considered as a complete manual. It is an aid to be able to start up a normal application quickly and easily. For further information we refer to the manual for iX Developer 2.0. This document and other Start Up documents can be obtained from your closest distributor of operator terminals.

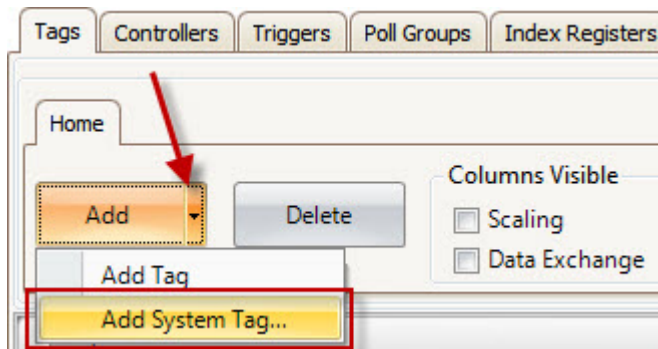
Please use the address *manual@beijer.se* for feedback on our Start Up documents

### 3 Adding systemtags

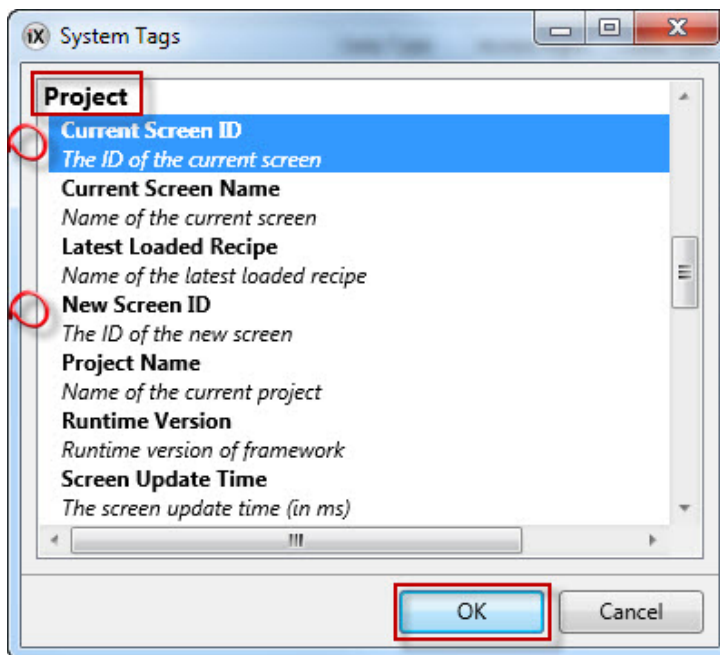
- Open taglist from the *Project Explorer*.



- Add *System Tag* by expanding the *Add* button.



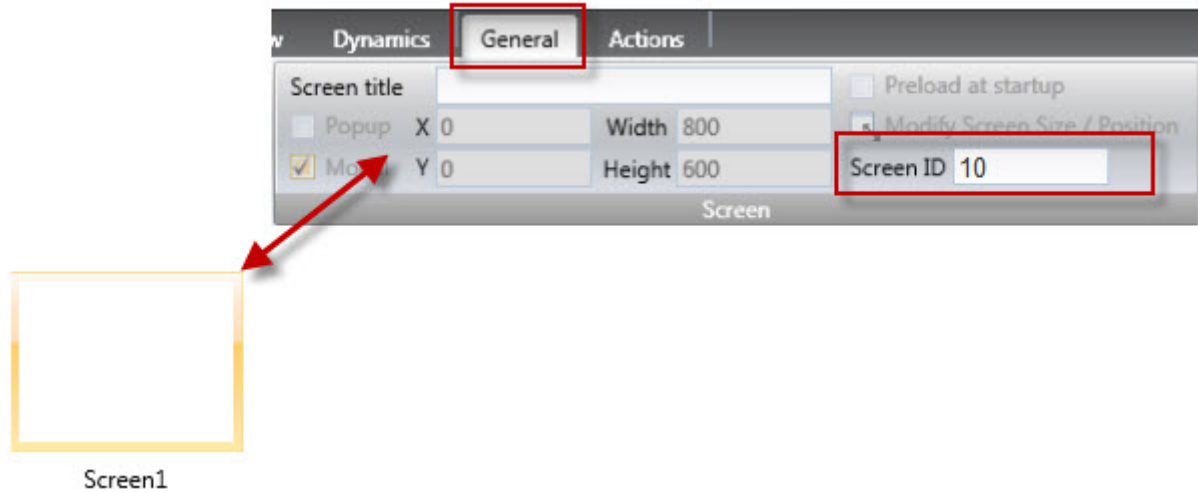
- Select *Current Screen ID* located under the *Project* group. Click "OK".
- Also add the tag *New Screen ID* in the same way.



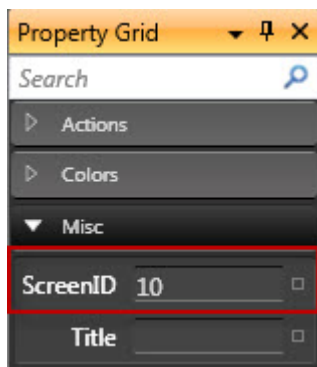
| Name                     | Data Type |
|--------------------------|-----------|
| SystemTagCurrentScreenId | DEFAULT   |
| SystemTagNewScreenId     | DEFAULT   |

### 4 Set Screen ID

- Add 2 more screens to your project.
- Select the first screen and under "General". Type in a screen ID number. In this case Screen 1 = 10, Screen 2 = 20...



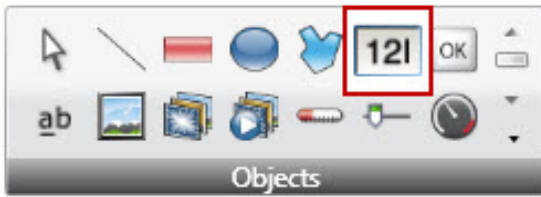
This can also be done in *Property Grid* of the screen.



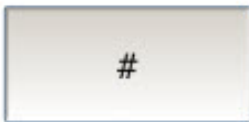
Now we have given each screen a unique ScreenID.



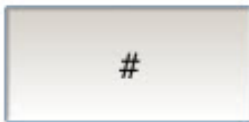
- Create 2 analogue numeric in Screen 1. Connect the tags and add explaining text.



Current Screen ID



New Screen ID



- Simply copy these to the other screens.
- Add text to tell you which screen is which.
- Run the project and now you will be able to change screen by typing 10, 20 or 30 in "New Screen ID".

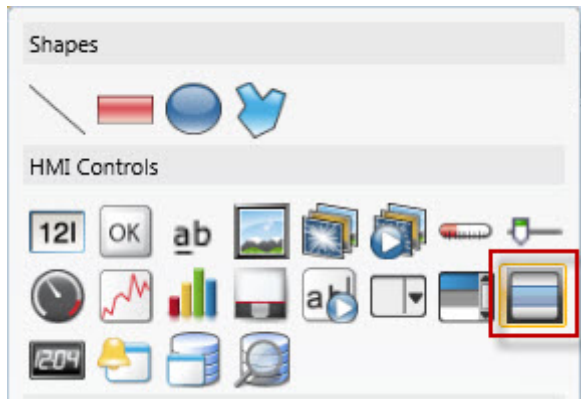
Example:

# 2.

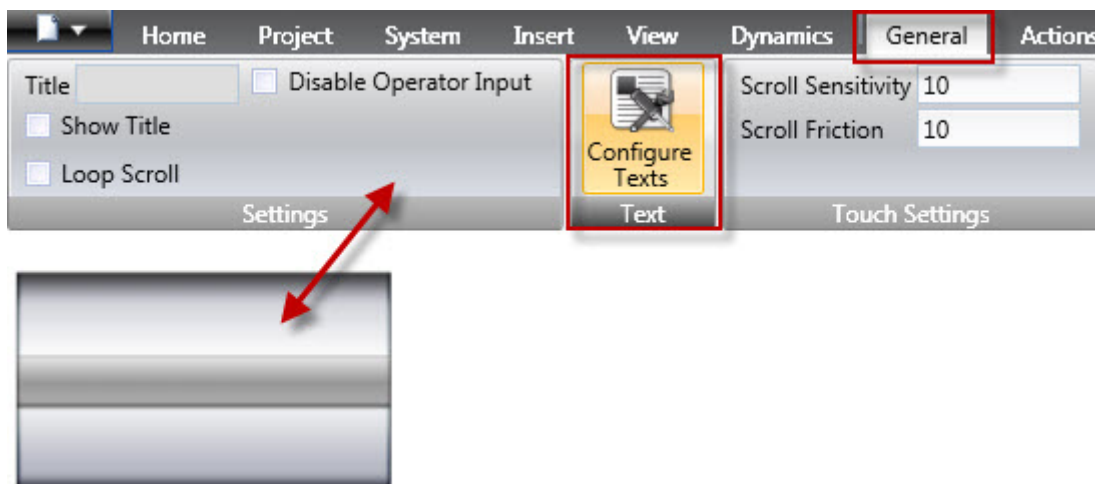


Let's replace the analogue numeric. We can use anything that can change the screen ID. One example of that is *RollerPanel*.

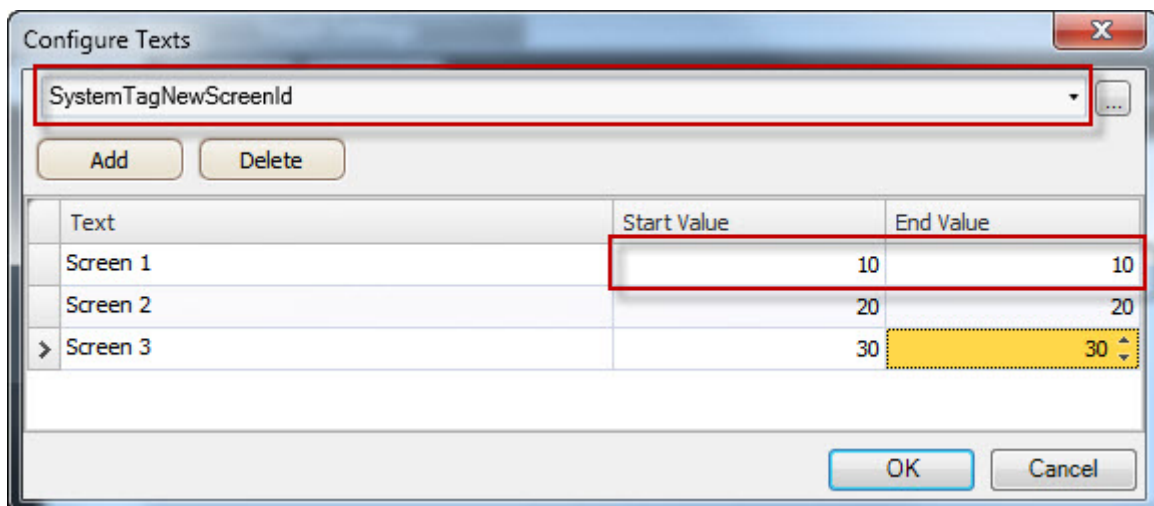
- Add a RollerPanel.



- Select the RollerPanel and under *General*, click on *Configure Text*.

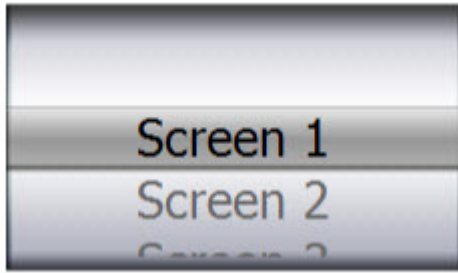


- Connect the "NewScreenID"-tag, type the text you want to be displayed and enter the correct values in Start/end value. Click *OK*.



- Copy & paste the RollerPanel to the other screens.

- Test.



Screen ID enables you to control the screens from the PLC/controller. If this is to be used it's important to remember that "NewScreenId" only reacts to value changes.