

# Barcode Reader App



## Introduction.

This page app monitors a barcode reader device input. It can monitor RS232 (serial COM port) and USB (keyboard/COM port emulation) reader devices. Read barcodes are saved to an Acquire Variable. Actions can be performed when the barcode is scanned such as setting an Acquire Variable, Jumping to another Acquire Page.

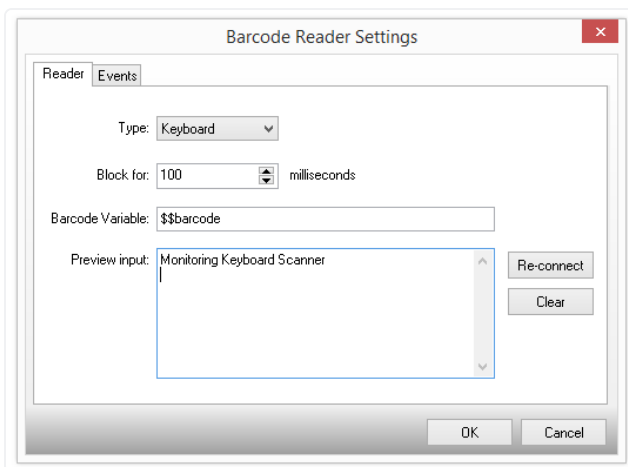
## Using the Barcode Reader App.

To access the app open an existing or new page and select the **'App'** tab of page editor **'Toolbox'** (shown below). Apps are grouped within their relevant app packs and are displayed red if they have been licenced. For more information about licencing apps go to [Licencing apps.](#)

Select the app from the list. When an app is selected it will be highlighted. Once you have selected your app draw an area on your page where you would like to use the app.

The **'Settings'** tab within the Toolbox will automatically open when the app is added to the page. From here you can set your app up by going to **'App Options.'**

## Reader tab.



1. Select the type of barcode reader device.
  - a. Keyboard – keystrokes are monitored.
  - b. Serial Port - RS232 COM port input is monitored.
  - c. You must also select the number of the COM Port to which your device will be attached.
  - d. **Note:** The app assumes your device uses standard RS232 settings i.e. Baud Rate=9600, No Parity Check, 1 Stop Bit and 8 Data Bits.
2. To avoid accidental re-scans being processed enter the number of milliseconds that must pass between barcode inputs being processed.
3. Enter an Acquire Variable to write the barcode to.

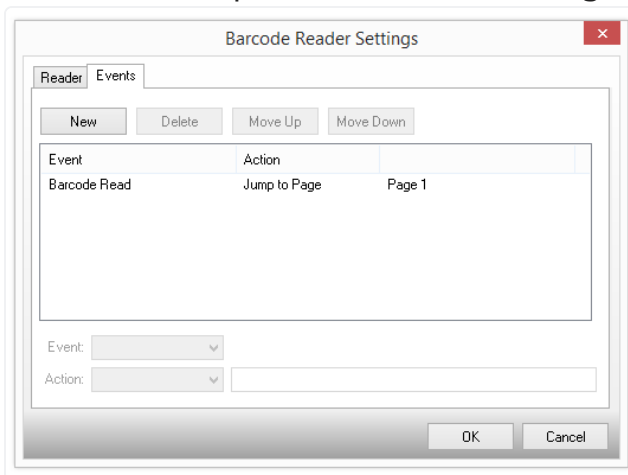
- **Tip:** This variable can be used in your Events (see section below) parameters. E.g. you can jump to a page named in the barcode or pass the barcode to your web page when navigating to a URL.

4. If the device is attached to your Editor machine input will be shown in this preview panel. Use the buttons clear the preview area or re-connect to the device. Hint: If your device emulates the keyboard scanning at this point

- **Hint:** If your device emulates the keyboard scanning at this point may press focused buttons etc.!

### Events tab.

Use this tab to set Actions that should be performed when certain Events occur. All of the values on this page can contain Acquire Variables, including the Barcode Variable set on the Reader tab.



1. Use these buttons to Add, Delete and re-order your Events.
2. The Events List. This is an overview of your Events and Actions. The Action parameters are also shown. Events are process from top to bottom when a new barcode is read.
3. The Event & Action selected in the Event List is shown in this area for you to edit.
  - a. The Event type
    - i. Barcode Read – The Action is performed when the barcode is read.
    - ii. Barcode Contains – An adjacent text box will be shown. The Action is performed when the barcode is read but only if the barcode contains the text entered in the box.
  - b. The Action to perform when the Event occurs. Various parameter boxes will be shown next to this depending on the Action selected.
    - i. Set Variable – Enter a Variable name and a Value to set it to.
    - ii. Jump to Page – Enter the ID of a page to jump to. You can also use the adjacent button to select your page.
    - iii. Navigate to URL – Enter the URL that you want the CyberBrowser app (must be on same page) to navigate to.

**Tip:** You can pass the barcode to your web page by using the Barcode Variable (which you entered on the Reader tab) in the URL.

