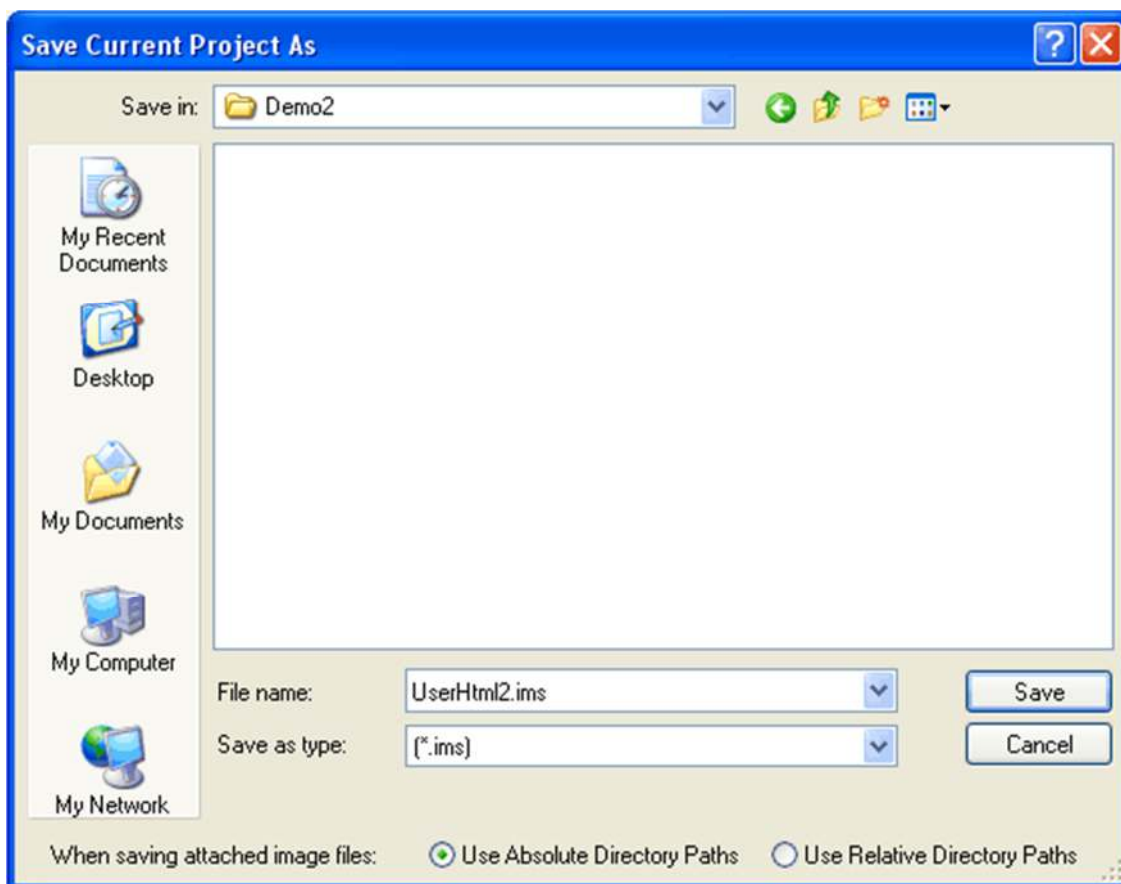


Demo #2: Adding a Submit button to input new data on the web page

Demo web #2: Displaying dynamic data and accepting input. This tutorial takes you one step deeper into dynamic data, adding a submit button to input new data on your custom web page.

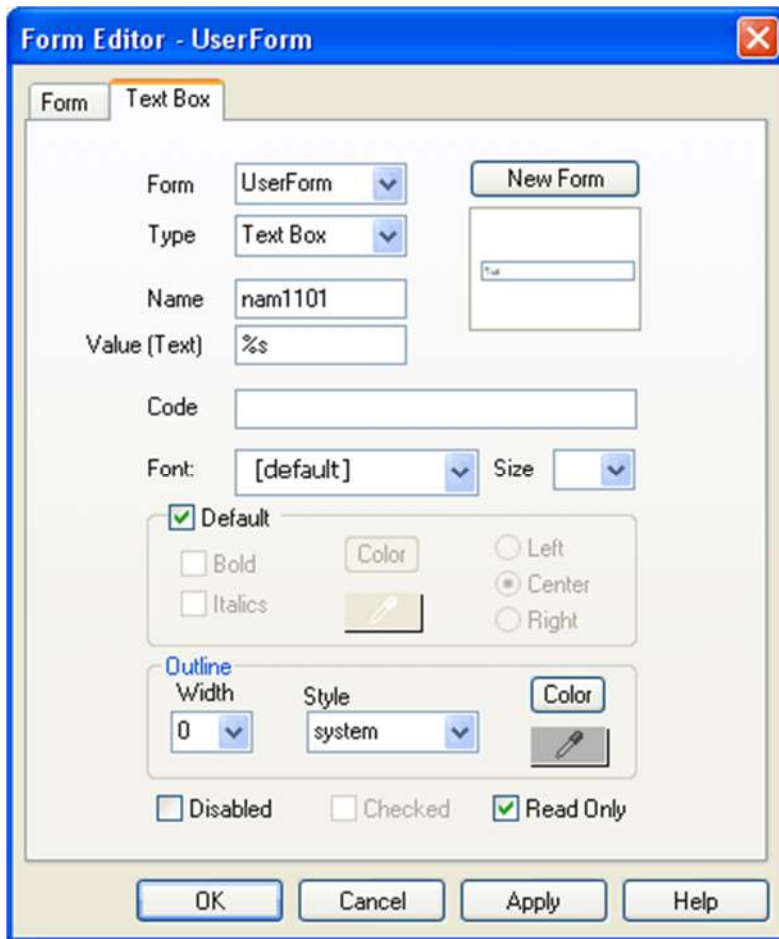
We are going to start with Demo #1, and make a minor tweak to allow us to input data on the web page. Start by saving the project as a new project.



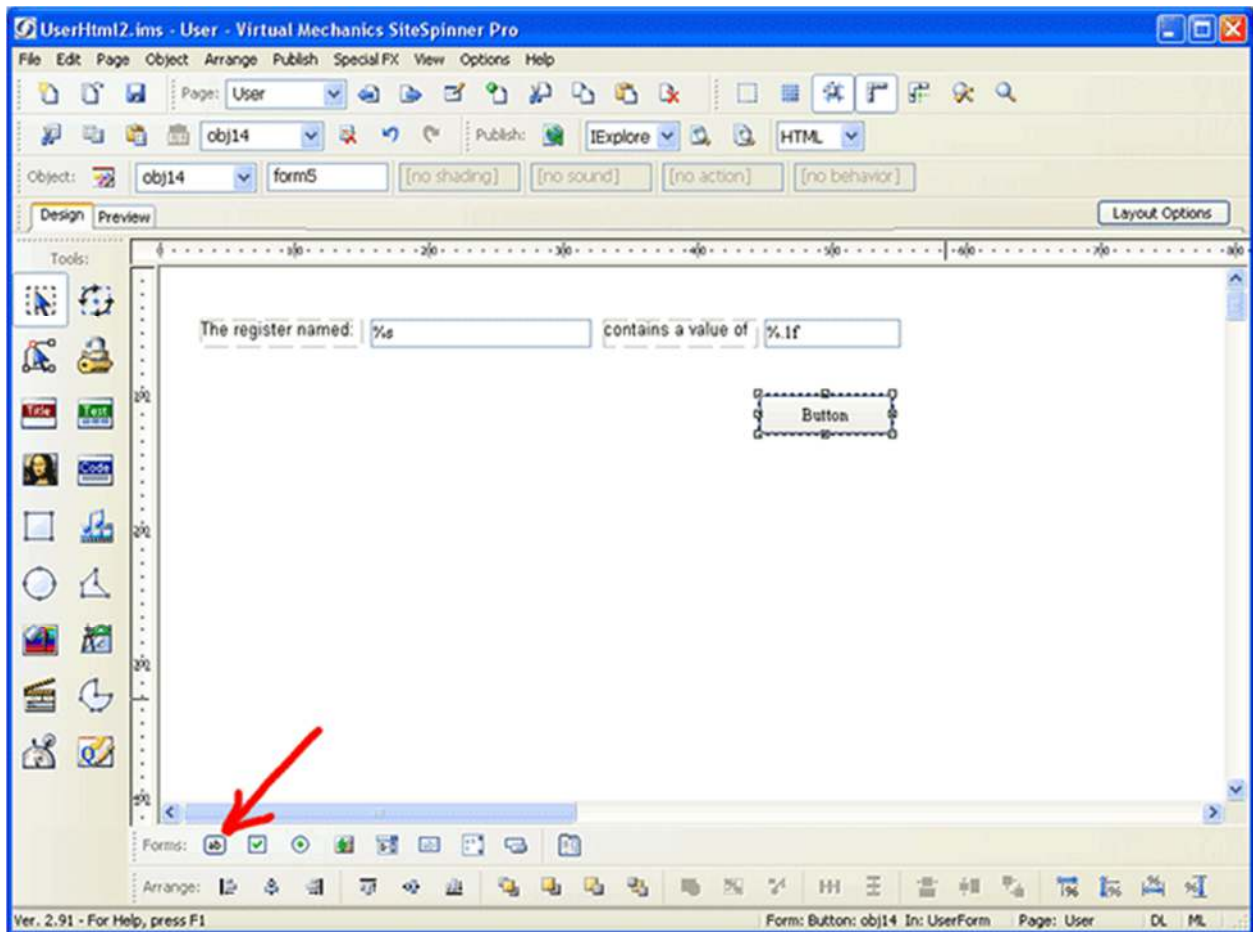
Make one minor change to the register text box. Select register 1101 instead to use a register not allocated to hardware on the i.CanDolt server. If you try to input data to a register associated with a hardware input, the data will get continuously overwritten by the hardware value.

The image shows a 'Form Editor - UserForm' dialog box with the 'Text Box' tab selected. The 'Form' dropdown is set to 'UserForm' and there is a 'New Form' button. The 'Type' dropdown is set to 'Text Box'. The 'Name' field contains 'reg1101' and the 'Value (Text)' field contains '%.1f'. There is a 'Code' field which is empty. The 'Font' dropdown is set to '[default]' and there is a 'Size' dropdown. Under the 'Default' section, the 'Default' checkbox is checked, and there are checkboxes for 'Bold' and 'Italic', a 'Color' button, and radio buttons for 'Left', 'Center', and 'Right'. Under the 'Outline' section, the 'Width' dropdown is set to '0', the 'Style' dropdown is set to 'system', and there is a 'Color' button. At the bottom, there are checkboxes for 'Disabled', 'Checked', and 'Read Only', and buttons for 'OK', 'Cancel', 'Apply', and 'Help'.

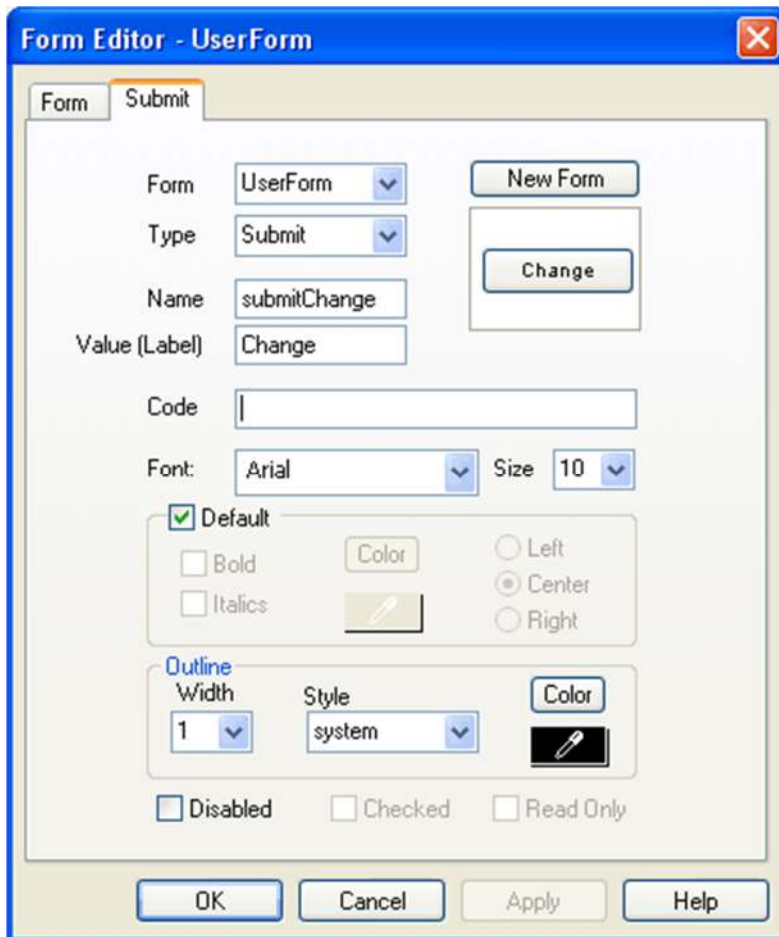
Make the corresponding register number change in the name text box. We want to make one additional change here. Check the Read Only box to prevent just anyone from changing the name of this data point.



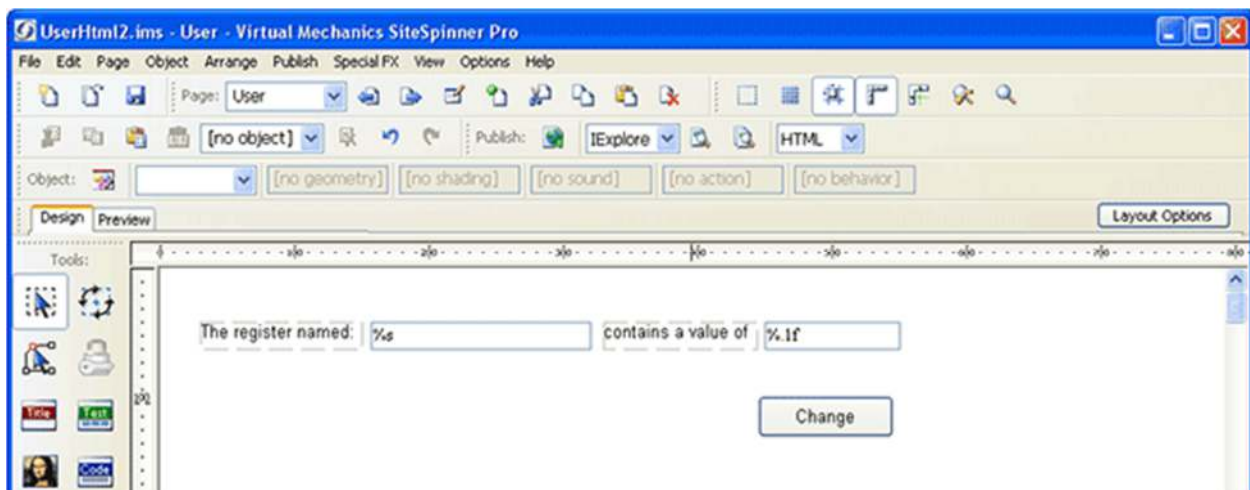
At this point, you are ready to add the Submit button. Click the "Draw a Form Button" icon in the Forms tool bar. Drag the button into place and click to place it.



Double click the button to bring up the form dialog below. Select UserForm from the Form list. Select Submit for type. Enter "submitChange" for name, and "Change" as the label. The i.CanDolt CGI processor looks for submitChange=Change as its queue to process input data from the form. If you want to create an alternate button style, you need to use a button image, and use JavaScript to result in submitting the "submitChange=Change" in the post. (That's an advanced topic we'll cover later.)

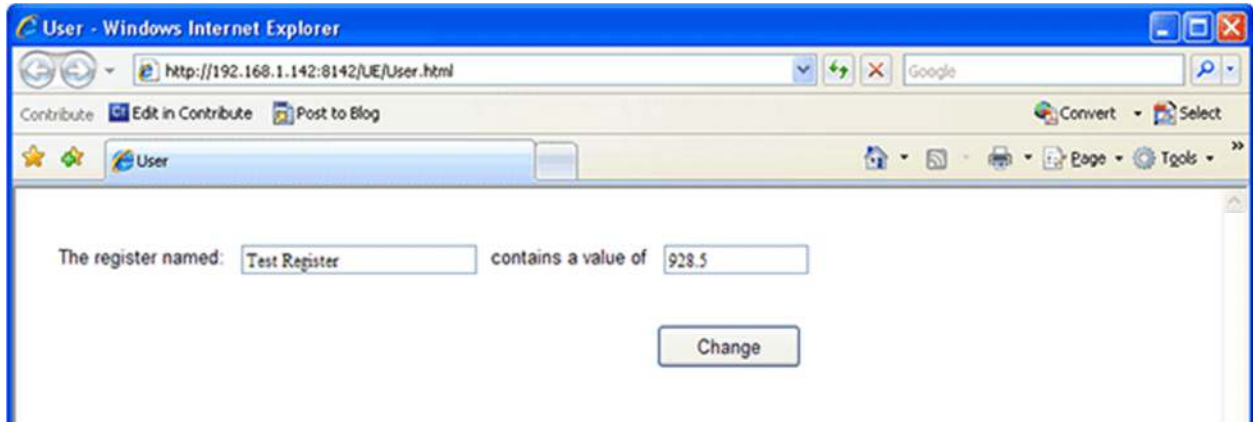


Our work space should now look something like this. Preview it just to be sure. Go through the publish and upload process learned in the previous tutorial.



Now browse to your i.CanDolt device. Enter a new value in the value window and click Change. Refresh the page to be sure it retained your input. If the previous value returns

(change not accepted), review your button configuration. Make sure it is a Submit type, etc.



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