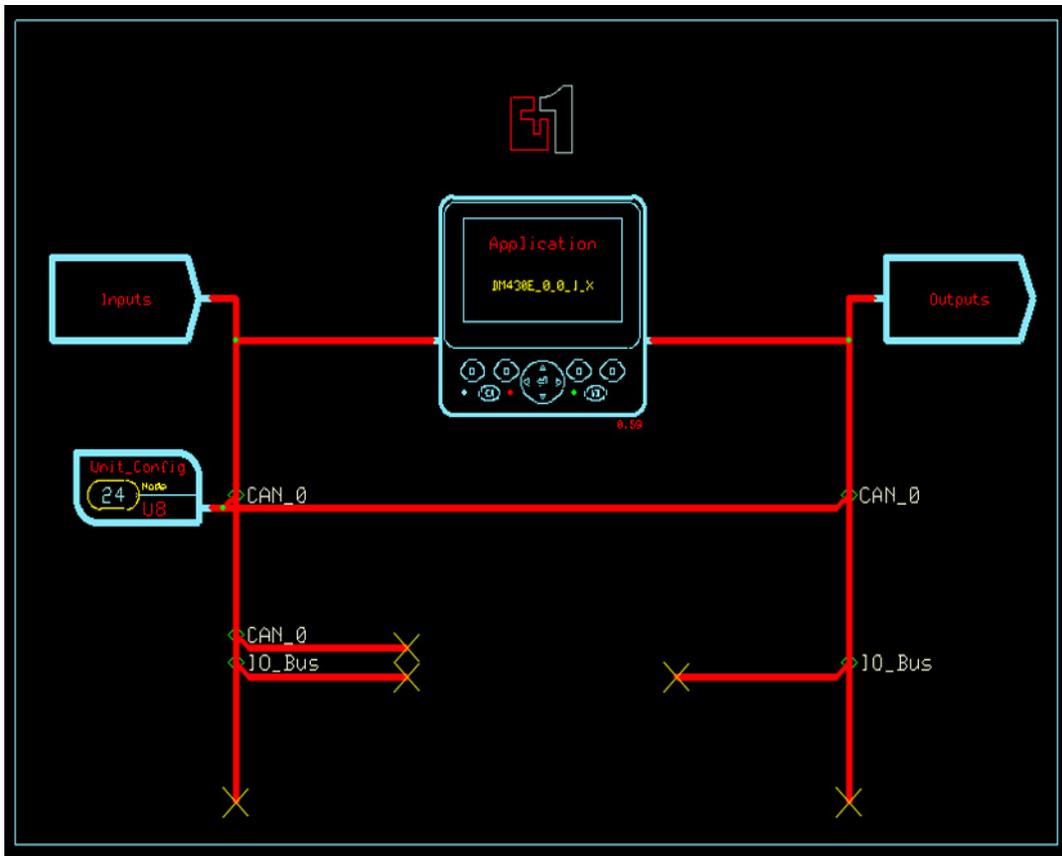


PLUS+1[®] Mobile Machine Displays

Classic to Vector-Based Screen Editor



Revision history

Table of revisions

Date	Changed	Rev
March 2019	First edition	0101

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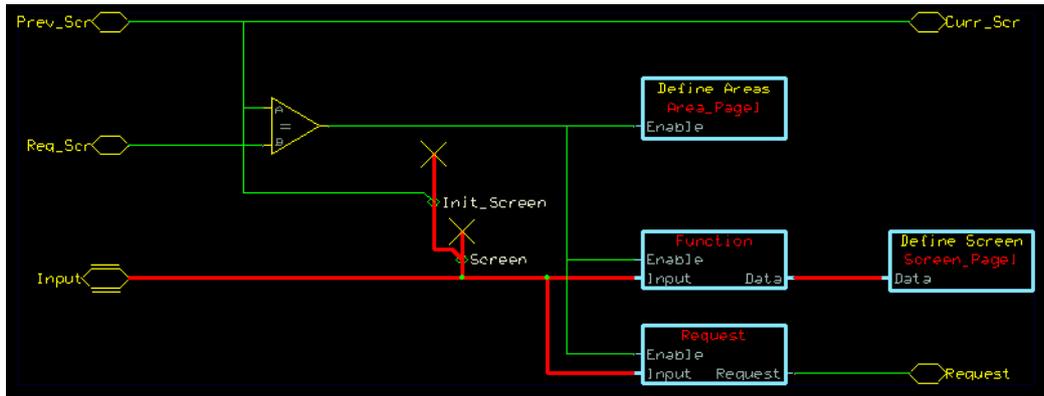
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Classic to Vector-Based Screen Editor SW Migration

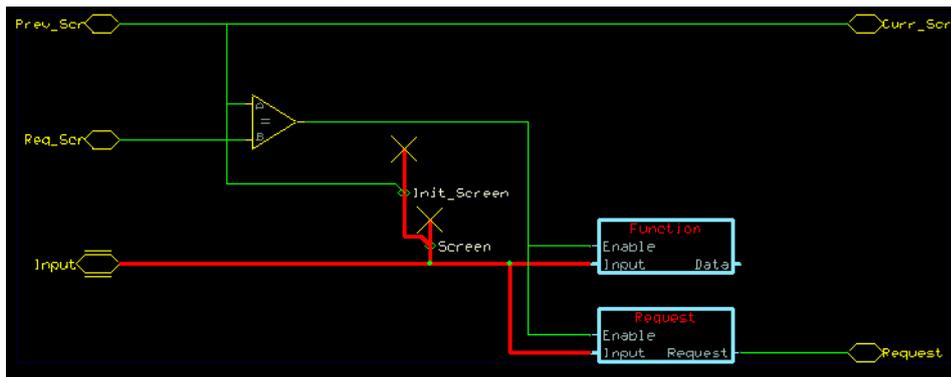
Definitions and Area Pages

Open the DP project and remove all **Definitions and Areas Pages** from the code.

Opened DP project



Removed Definitions and Areas Pages



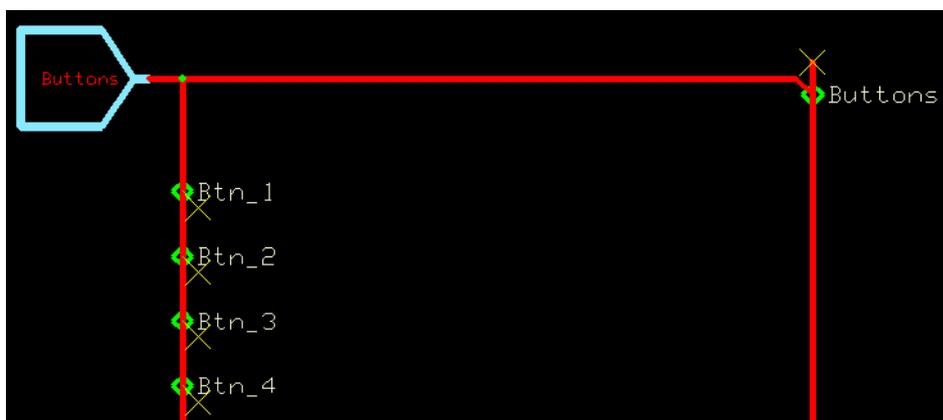
Compile, then close project.

Create new project

Create a new project with the appropriate DM HWD and template.

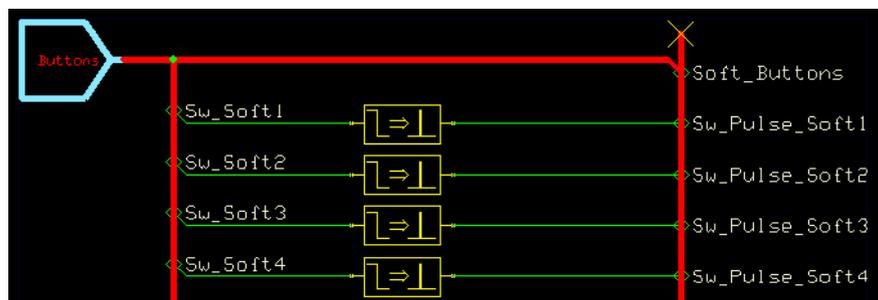
Route the I/O to the corresponding application signal, in this example, the DP naming convention will be used.

Default names in template



Classic to Vector-Based Screen Editor SW Migration

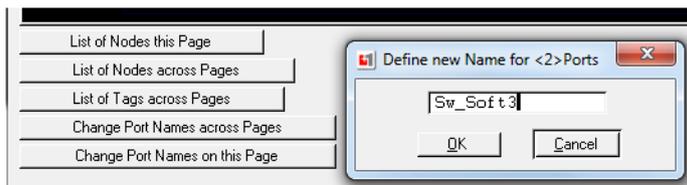
DP application software



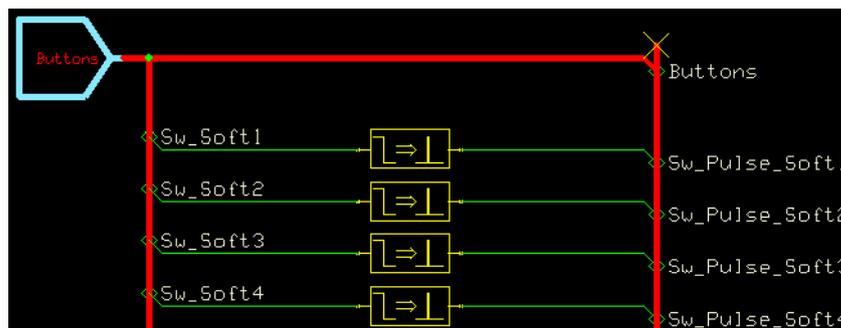
View Logical Net

Go to **View Logical Net > Change Port Names across Pages > Define new Name for <2> Ports** and change names from Btn_1 to Sw_Soft1 and so forth.

Change port names



After port name change

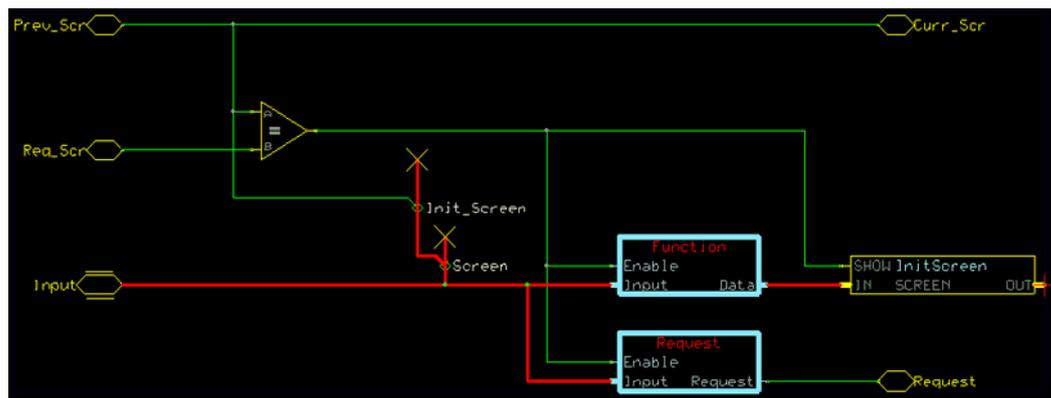


At this point the code should compile without errors.

Show Screen

Add a **Show Screen** component in the page where the Definitions and Areas Pages were removed.

Added Show Screen

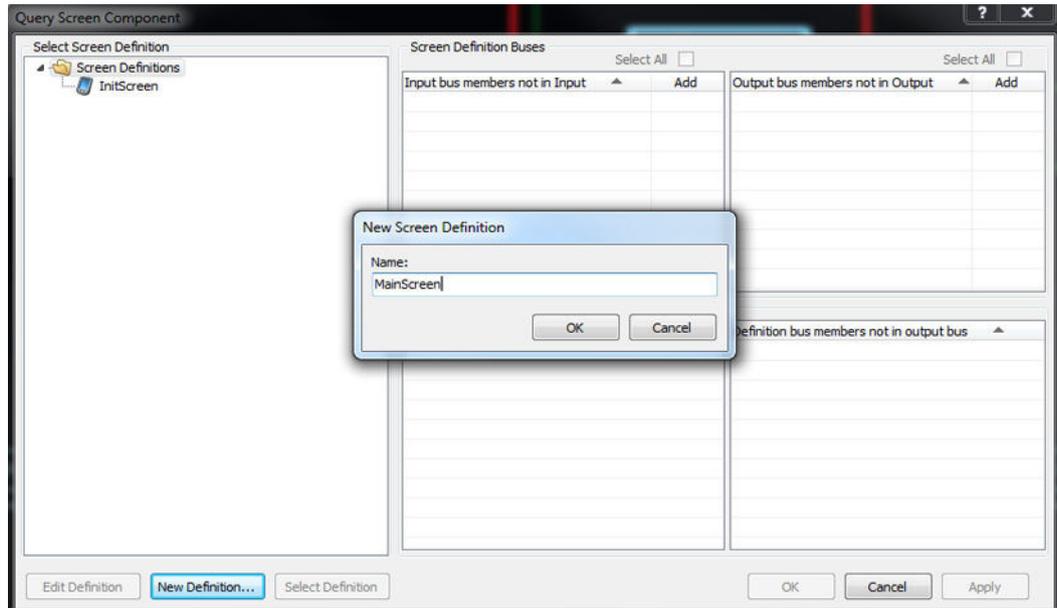


Classic to Vector-Based Screen Editor SW Migration

New Screen Definition

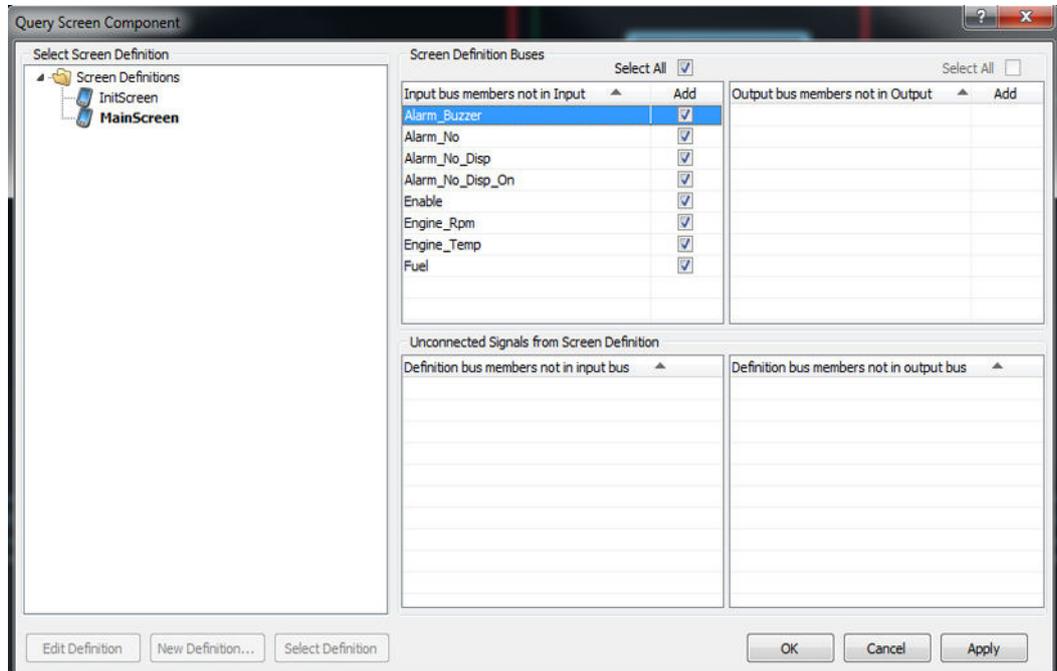
Query the Show Screen component and create a New Screen Definition

New Screen Definition



Add necessary bus inputs, which makes the signals available in the screen editor.

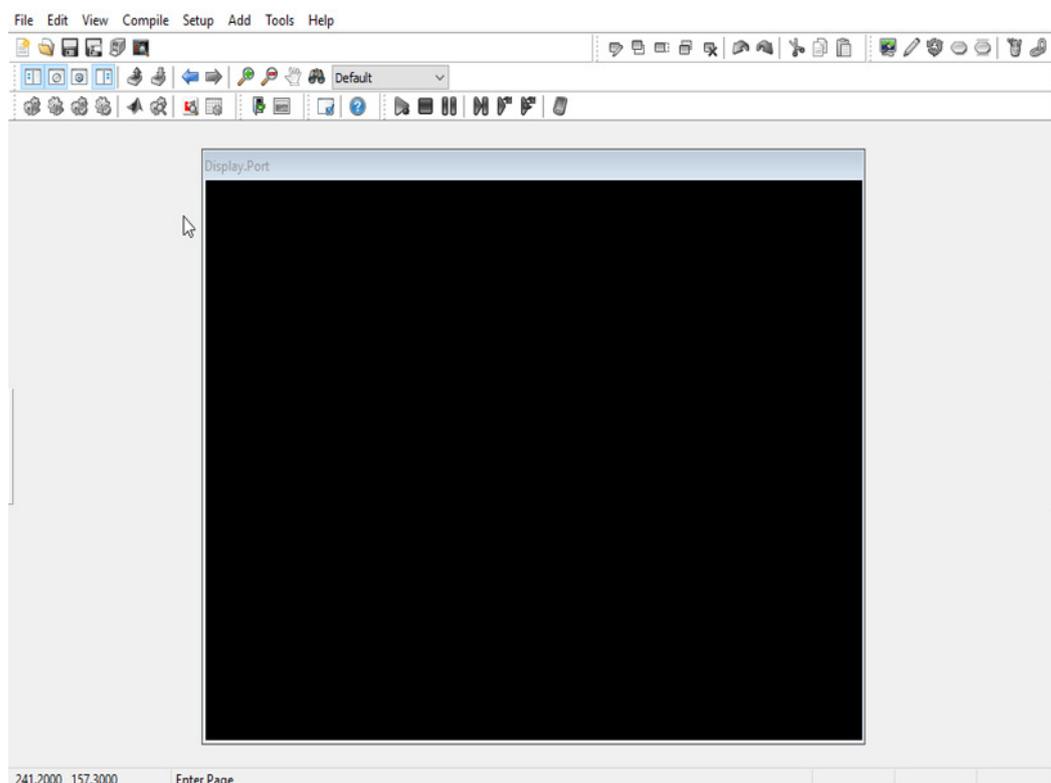
Add necessary bus inputs



In the DP code, the Define Areas for this page had a black background.

Classic to Vector-Based Screen Editor SW Migration

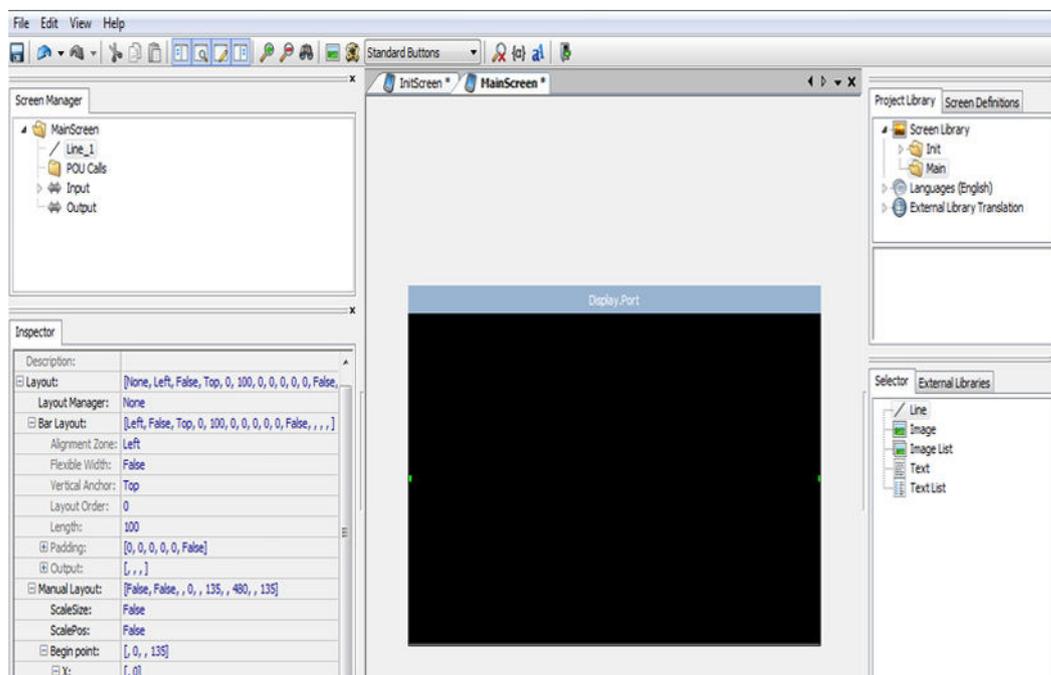
Define Areas



Vector-Based Screen Editor

In the Vector-Based Screen Editor, you may either select a line and scale it appropriately or create and import an image of appropriate scale. In the following example, a line element was used.

Vector-Based Screen Editor



Classic to Vector-Based Screen Editor SW Migration

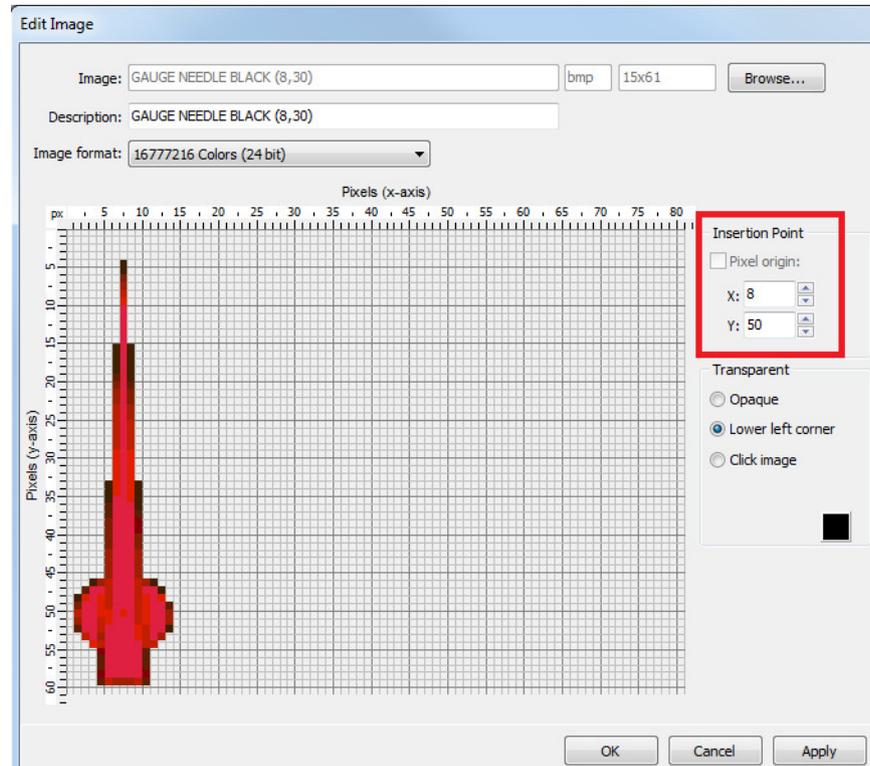
Import images

Import images from DP code (project must not be closed as P1P to access images).

Go to **Project Library** and right click and choose **New > Image(s)**.

Insure that all imported images maintain the original code settings. Such as, gauge needles must have an Insertion Point.

Gauge Needle Insertion Point

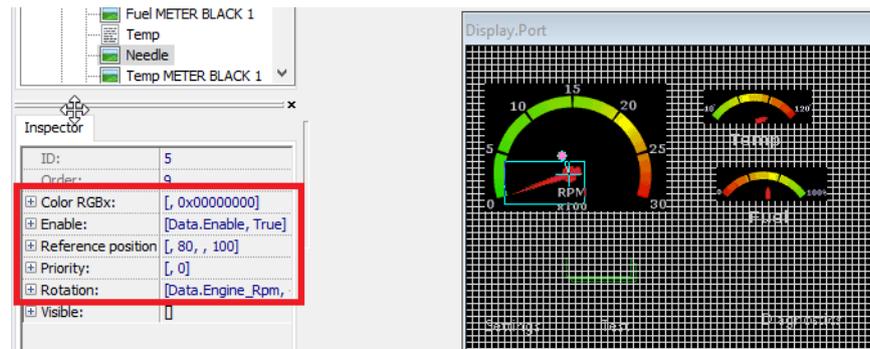


Additional signal inputs

Check if there are additional signal inputs to the component, such as an enable, rotation, or position signal. Configure appropriately.

Classic Screen Editor signal inputs example

Signal inputs to the component



Classic to Vector-Based Screen Editor SW Migration

Vector-Based Screen Editor signal inputs example

Signal inputs to the component

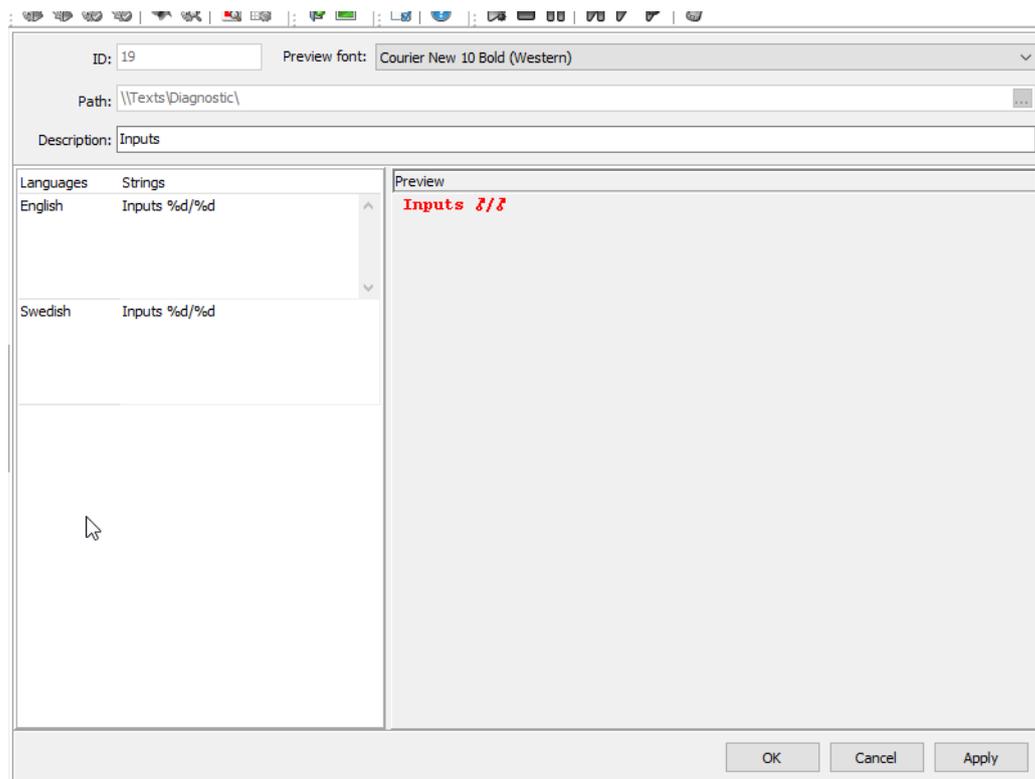


Data value formatting

There are differences between data value formatting of the Classic Screen Editor and the Vector-Based Screen Editor.

Classic Screen Editor data value formatting

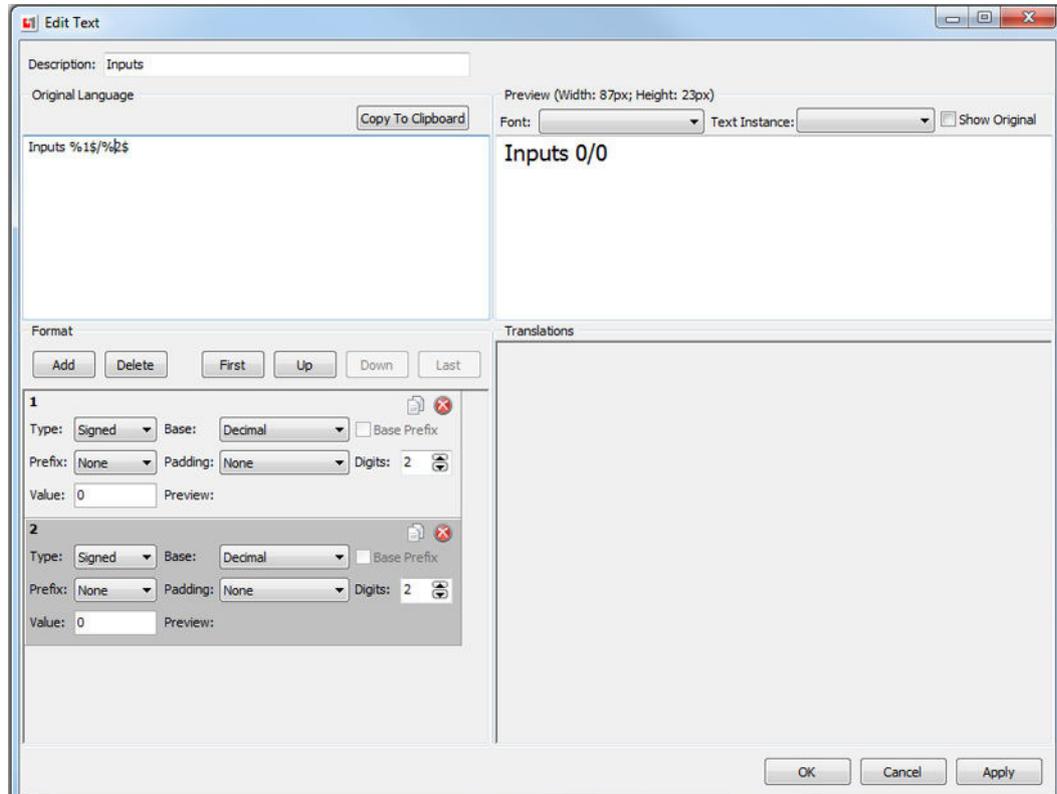
Data value formatting



Classic to Vector-Based Screen Editor SW Migration

Vector-Based Screen Editor data value formatting

Data value formatting



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