Quantity Table Generator, Version 6.0.0

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Description: This program translates a spreadsheet to a Microstation drawing. This is accomplished by creating a temporary file saved on the hard drive as "c:\tmp.txt". This is then brought into Microstation by setting the active scale and running the macro "Quantab6.bas".

                Formatting of the text placed in the Microstation file is controlled by several factors:

                - The alignment set in the spreadsheet is used to set the justification used by Microstation to place the text.

                - Orientation of the text in the spreadsheet is transferred to Microstation by setting the AA in Microstation before placing the text. The only orientations allowed are 0 degrees and 90 degrees.

                - Font color set in the spreadsheet controls several attributes of how the text is placed in Microstation through the settings on the "Standards" page. All the text brought in is placed in a graphic group for easy manipulation.

                - Border style in the spreadsheet controls the line attributes that the border is drawn with in Microstation through the settings on the "Standards" page. The border is placed in a graphic group for easy manipulation.

                - The column width and row height are set by the value in the first cell in each column and row respectively. The second and third row is ignored, so it is available for comments that will not be transmitted to the Microstation file.

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- Cell A1 contains the "borders" button that, when pressed, will write "c:\tmp.bas" with the data neccessary for the macro "Quantab6.bas" to draw the borders. Cell A2 contains the "text" button that, when pressed, will write "c:\tmp.bas" with the data neccessary for the macro "Quantab6.bas" to fill the borders with the text.

Instructions:
1. Make a **Copy** of the sheet named "Blank".
2. Rename the sheet to an appropriate name.
3. Setup your table.
4. Press the "border" button in cell A1 to write the file "c:\tmp.txt".
5. In Microstation, set the active scale, ex. Keyin "AS=20"
6. In Microstation, pick the element select tool.
7. In Microstation, key in "macro quantab6.bas".
8. In Microstation give a data point to define the location of the top left corner of the table.
9. Back in Quantab6.xls, press the "text" button in cell A2 to write the file "c:\tmp.txt"
10. Repeat steps 5 to 7 in Microstation to fill the table with text.