

Useful Websites

- How to Build Regular Scilab Block
 - <http://www.scicos.org/Newblock.pdf>
- Understand Scilab's Model Structure for Interfacing Function
 - http://help.scilab.org/docs/5.4.1/en_US/scicos_model.html
- Understand Scilab's Block Structure for Computational Function
 - http://help.scilab.org/docs/5.5.0/en_US/sci_struct.html
 - http://www.scicos.org/HELP/eng/scicos/C_struct.htm
- Set/Get User Parameter Values
 - https://help.scilab.org/docs/5.4.1/en_US/scicos_getvalue.html
- Preview Block Appearance via HTML
 - http://www.w3schools.com/html/tryit.asp?filename=tryhtml_table

Appearance of Block

- https://help.scilab.org/docs/5.5.1/fr_FR/xcosPalAddBlock.html

1. Picture

- a. `pal = xcosPalAddBlock(pal, "block_function_name",figure_path)`

2. String

- a. `style.displayedLabel="Name";`
- b. `pal = xcosPalAddBlock(pal,"block_function_name",[],style);`

3. HTML

- a. `style.displayedLabel="<table> <tr> <td>X

Y</td>
<td></td> <td></td> <td>NAME</td> <td></td> <td></td> <td
align=left>Z</td> </tr> </table>";`
- b. `pal = xcosPalAddBlock(pal, "block_function_name",[],style);`

4. Dynamic Parameter

- a. `style.displayedLabel="%#$s";` [# - index of variable in exprs variable]
- b. `pal = xcosPalAddBlock(pal,"block_function_name",[],style);`