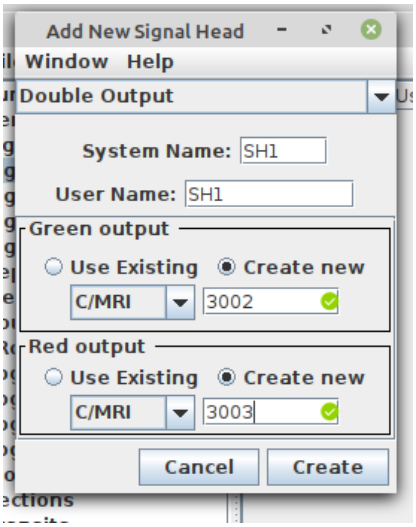
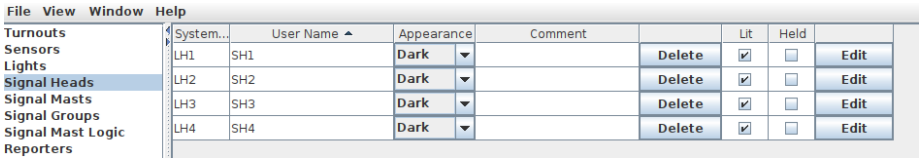
Create the signal heads



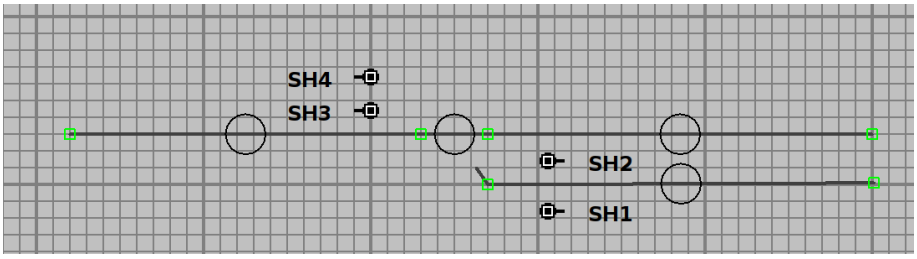
In Jmri we are now ready to setup the signal heads, you will need to create 4 separate signal head . It is important to note that we are creating new not using existing ones. See the picture for how to fill in the boxes. Make sure you first choose the Double Output in the top drop down box. The give the first signal head a system name SH1 and I would give the same user name as well it makes it easier later on when positioning the signal heads. Next you need to click on Create New button and choose C/MRI and put the address as 3002 in the Green Output Box. Do the same for the Red Output box but address is 3003. clck on create button at the bottom this will save the first signal head. Now do the same for the other 3 signal heads, change the system Name and user name each time so SH2 ect ect remember also to click create new button and add address 3004 and 3005. Once you have created all 4 signal heads its time to close the add new signal head box down you can do this by clicking the x in the top right hand corner.

Time to save the panels and configuration files



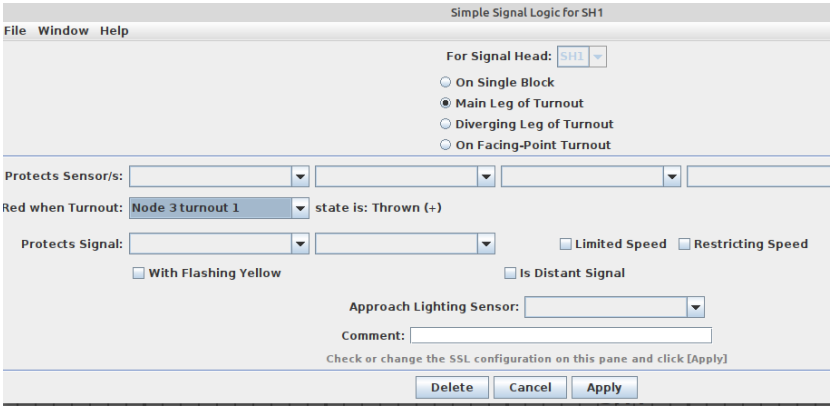
Always save you panels and configuration files as often as you can not to loose your hard work. To do this click on file and choose save panels and config as you can see we have now created the 4 heads. At this moment they have nothing controlling them so they will show dark next we need to go into the panel editor and create the turnout and some track there are plenty of good youtube channels to show how to use this.

Panel editior in edit mode



once you have placed the 4 signal heads as shown in the next Fig you will need to right click on each signal head and edit signal logic

Setup signal logic



The next stage will set the signals to work with the turnout. If you have block detection that can also be added but I will not cover that as its just a simple node. Do this for all 4 heads remember to change to diverging legs for SH2 and SH4. If you did have block detection you can get it to protect Sensors also. And remember to click on Apply for each head once complete click cancel to close the box. You now should see your signal head the correct colour for the state of the turnout.