LOGBOOK STAGE 9

Tuesday, April 2, 2019

Modified IP address in STAGE\_9\_0.html and committed changein directory 4 onOne Driv

Copied STAGE\_9\_0 by means of Filezilla.

Copied both files as user root to var/www/Antenna

Checked if it worked from Firefox on Surface PC.

Worked OK

Combi.php

* Changed indentation to 2 spaces
* Added future change remarks
* Planned replacement of current Case structure in a nested case structure:

Switch band{

Case VHF:Check (VHF,Pos; Break;

Case UHF: Check(UHF,Pos); Break;

Case SHF:Check(SHF,Pos); Break;

} // end of Switch (BAND)

Function Check(BAND, Pos){

Switch(POS(

Case GP:

system("gpio -g write BAND-A 0");

system("gpio -g write BAND-B 0");

break;

Case HALO:

Etc.

}// end of Switch POS

} end of Check(BAND,Pos)

* Also integrate switch amplifier setting into this Switch

}

* Switch Position
* April 3 2019
* STAGE\_9\_0.html
* Started 2 space indentation
* Added Icon link to prevent error message Is this needed?
* Replaced ‘myfunction’ with ‘initButton’
* ERROR The contents of the json file missed in console
* CAUSE it was looking for myTest.json instead of myJSON.json
* SOLVED
* ERROR the configuratuin as set from thr PC;s browser was not taken over the first time I logged in from my iPhone. However, after that it always took over the status brilliantly
* Replaced the SWITCH statememt in the initials() function with the following line of code:

$("#button\_"+s) .css ('background-color', 'red') .css('color', 'white');

* Renamed the initials() function to highlightButtonNr()
* Replaced code snippets like :

var vhf = (myArray.vhf);

highlightButtonNr(vhf);

with highlightButtonNr(myArray.vhf);

* Replaced

var uhf\_amp = (myArray.uhf\_amp);

if (uhf\_amp == "ON"){

$("#button\_10")

.css ('background-color', 'red')

.css('color', 'white');

}

With:

if (myArray.uhf\_amp == "ON") highlightButtonNr(10);

for all three amps

changed highlightButtonNr into setHighkightButtonNr(n,onoff)

You must have enjoyed Chapter 5 of  “ Learning PHP etc “ from the fact that PHP has eliminated the ‘address of operator ‘&’ C operator  and advocate global variables which is now the name of the game  😊.

I suggest to rename the ‘mydata’ variable in both the combi.php and the STAGE file into ‘buttonCode’ as is decribes much better what it is.

April 4 ROBLAN

Studying the code of combi.php I am contemplating  to construct the following class:

Class Relais{

  Public setRelais(buttonCode)

  Public getRelais(switchArray)

  Private setBand()

  Private getBand()

  Private setPosition()

 Private getPosition()

 Private setAmplifierState()

  Private get AmlifierState()

}

Modified combi.php

The code had the pins hard wired in.

Changed this by adding definitions of three lines VHF0, VHF1 and VHF2.

April 5 2019

EOBLAN added definitions for UHF0, UHF1, UHF2, SHF0.SHF1,SHF2 lines

Implmented function setLinePair.