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Thread: New Product [FrSky - X20, X20S, X20HD Tandem - 24 Channels with ETHOS](#)

Today



#17951

strgaltdel



Quote:

Originally Posted by **bonebuilt** [▶](#)  
*is there a thread on introduction and application of LUA scripts for x20? Im a noob at this but would like to dabble in it.*

Quote:

Originally Posted by **Bill Edwards 63** [▶](#)  
*I'd also like some help on this please.*

Hi,

a rough overview:

### (1) Preperation

Typically lua scripts are widgets which comes in form as a single "main.lua" file.

Sometimes the code is distributed about the "start" file (main.lua) and some libraries and/or additional picture or sound files.

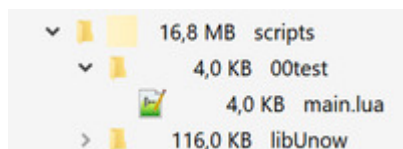
How to handle these files (where should the files be stored) must be documented by the developer.

Let's say we have the "standard" main.lua file:

On your sdcard (or maybe flash storage on X18) you'll find a folder named "scripts"

There you will have to create a subfolder with a name you can suggest it's functionality.

Then copy main.lua into this subfolder



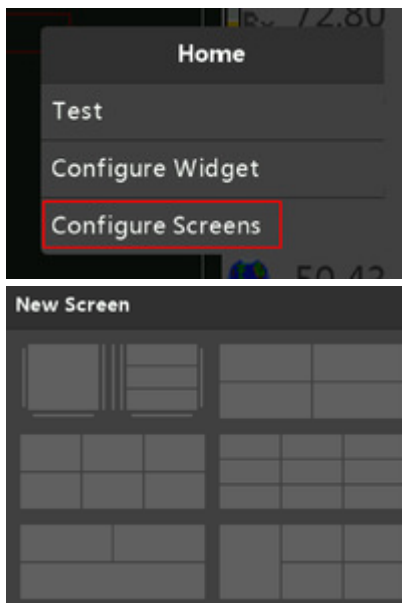
- now you have finished all preperation work (-;

### (2) Activation

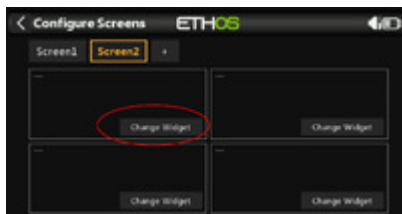
In Ethos you can define a lot of screen designs, starting with one single "full screen widget" in XXL size up to bunch of widgets with a tiny layout

a)

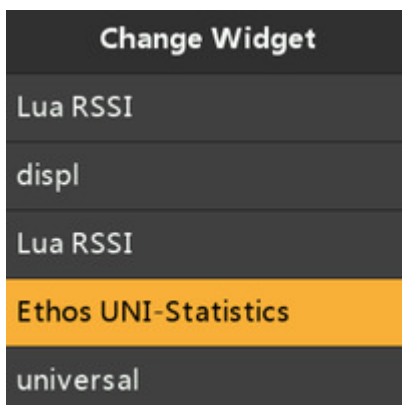
>> enter the screen layout menu and select the page layout which fulfill your needs / the need of the specific widgets



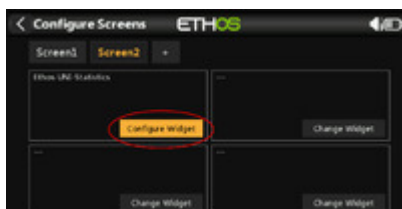
- b)  
 >> Once you have the right layout on your Tx, enter the "change widget" menu



- c)  
 >> select the right lua from the list to assign the widget into the frame you want  
 (keep in mind the widget must be "compatible" to the selected frame size, you'll notice in case of misassignments)



- d)  
 now you have assigned the widget to its "widget frame" and you can configure its parameters



-- that's all --

This description belongs to "classic" widgets, there exists a group named "system widgets", they also have to be stored in a subdir of "\scripts"

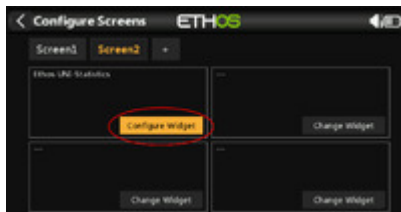
These scripts are automatically registered by booting the tx and can be accessed in the second page of the "system" menu



regards  
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## Images

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Views: 11

*Last edited by strgaltel; Today at 02:10 AM.*

 **Quote**

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