



TL;DRW SimHub Installation

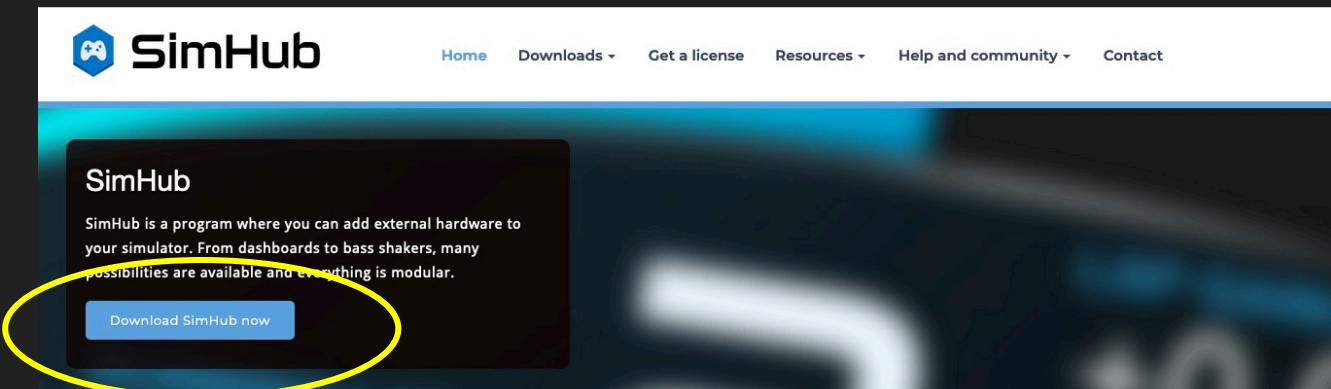
(TL;DRW – Too Long Didn't Watch Video)

Tom Hogue

Download Simhub and Install

<https://simhubdash.com>

Straight forward
download and install
process



The screenshot shows the official SimHub website. At the top, there's a navigation bar with links for Home, Downloads, Get a license, Resources, Help and community, and Contact. Below the navigation, a large banner features the SimHub logo and a dark callout box containing text about the software's modular nature and a prominent blue "Download SimHub now" button. A yellow circle highlights this download button. Below the banner, a sub-headline reads: "Sim is a modular multi sim dashboard and tactile feedback software. You can construct your very own simulator!" Underneath, a section titled "Some key features" is displayed with four cards: "Wide Compatibility" (red car icon), "Dash Studio" (blue brain icon), "Arduino" (monitor icon), and "Bass shakers, Forcefeel, Gametrix, DIY vibration motors and fans" (speaker icon).

SimHub

SimHub is a program where you can add external hardware to your simulator. From dashboards to bass shakers, many possibilities are available and everything is modular.

Download SimHub now

Sim is a modular multi sim dashboard and tactile feedback software. You can construct your very own simulator!

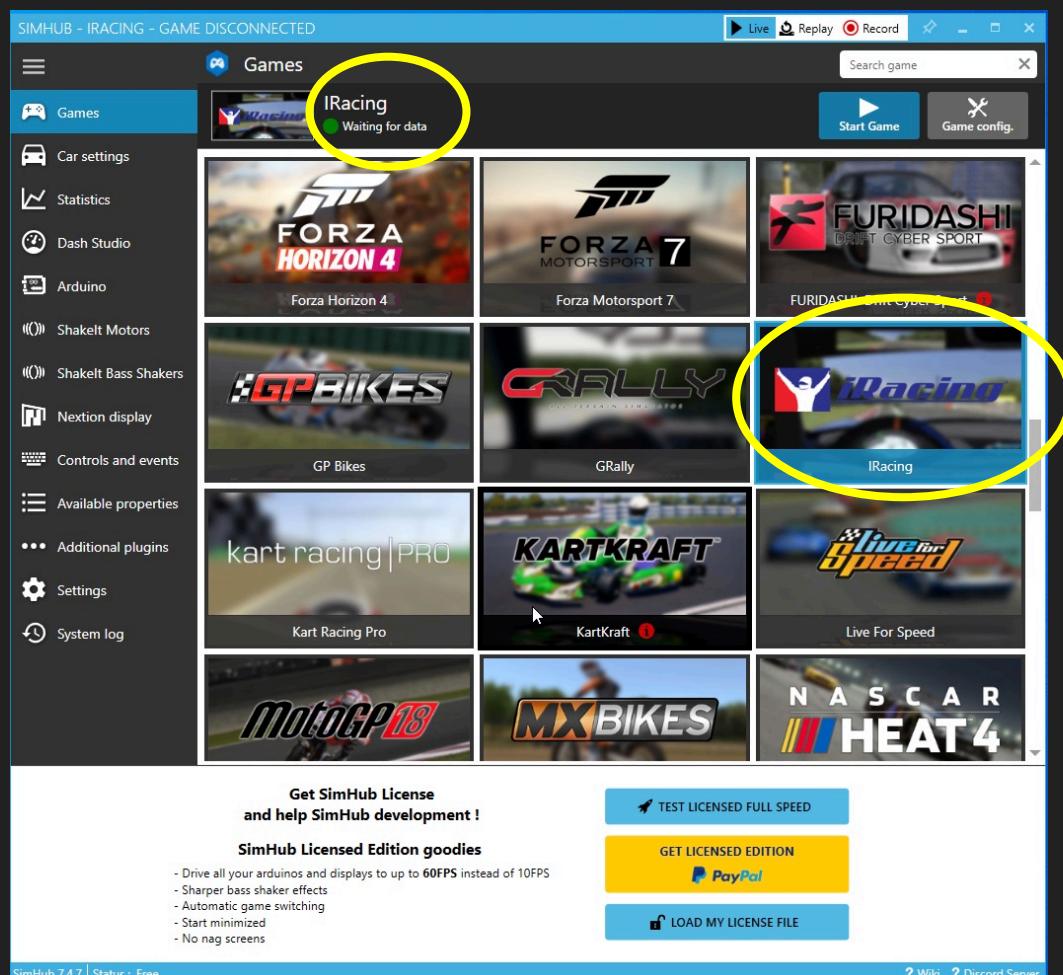
Some key features

- Wide Compatibility**
SimHub supports many games including: Assetto Corsa, Automobilista, iRacing, RFactor, Project Cars and many more!
- Dash Studio**
Design and download dashes, and show them anywhere you want! Works on a secondary monitor, phone, tablet and more!
- Arduino**
Pick your instruments and gauges from the large range of components available. Support for new hardware is constantly being added!
- Bass shakers, Forcefeel, Gametrix, DIY vibration motors and fans**
Drive your bass shakers, fans, vibration motors, or feedback pad with the most flexibility available yet.

Launch SimHub

After the program launches, select iRacing and click on Start Game.

You should see the green dot next to Waiting for data.

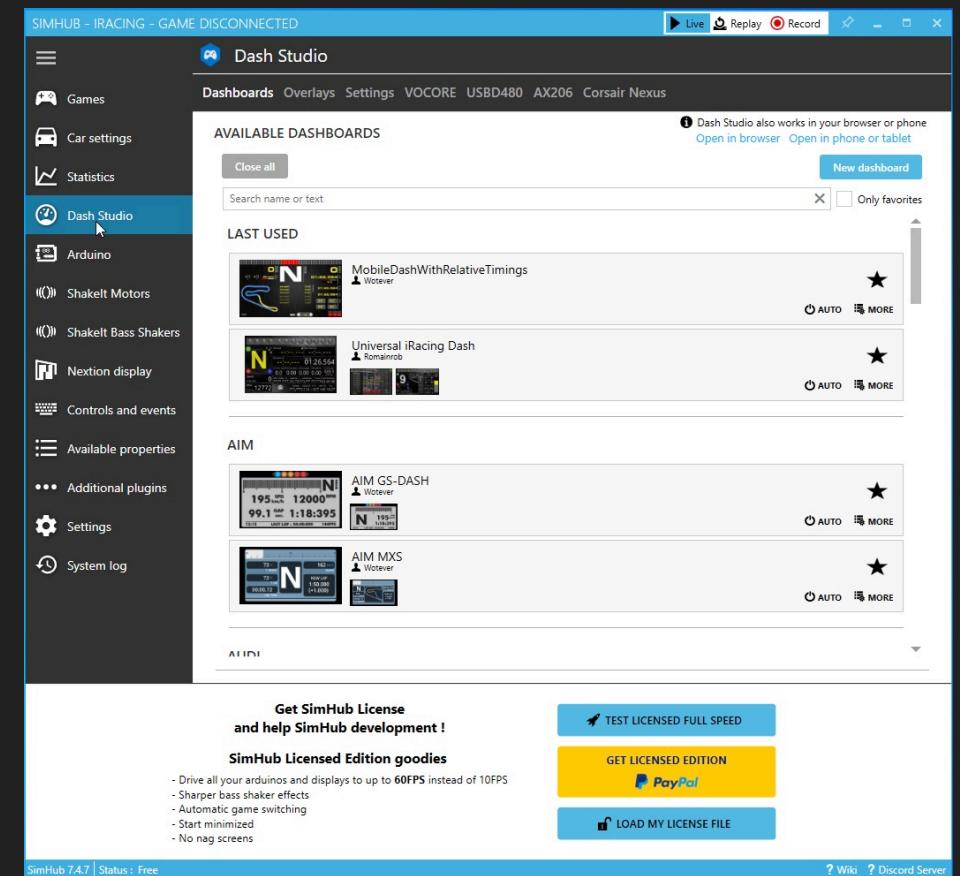


Dash Studio

Dash Studio is where we find “Dashboards” and “Overlays”

Both are on-screen displays in the car
Dashboards are not transparent
Overlays are transparent

Dashboards can be converted to overlays and vise-versa



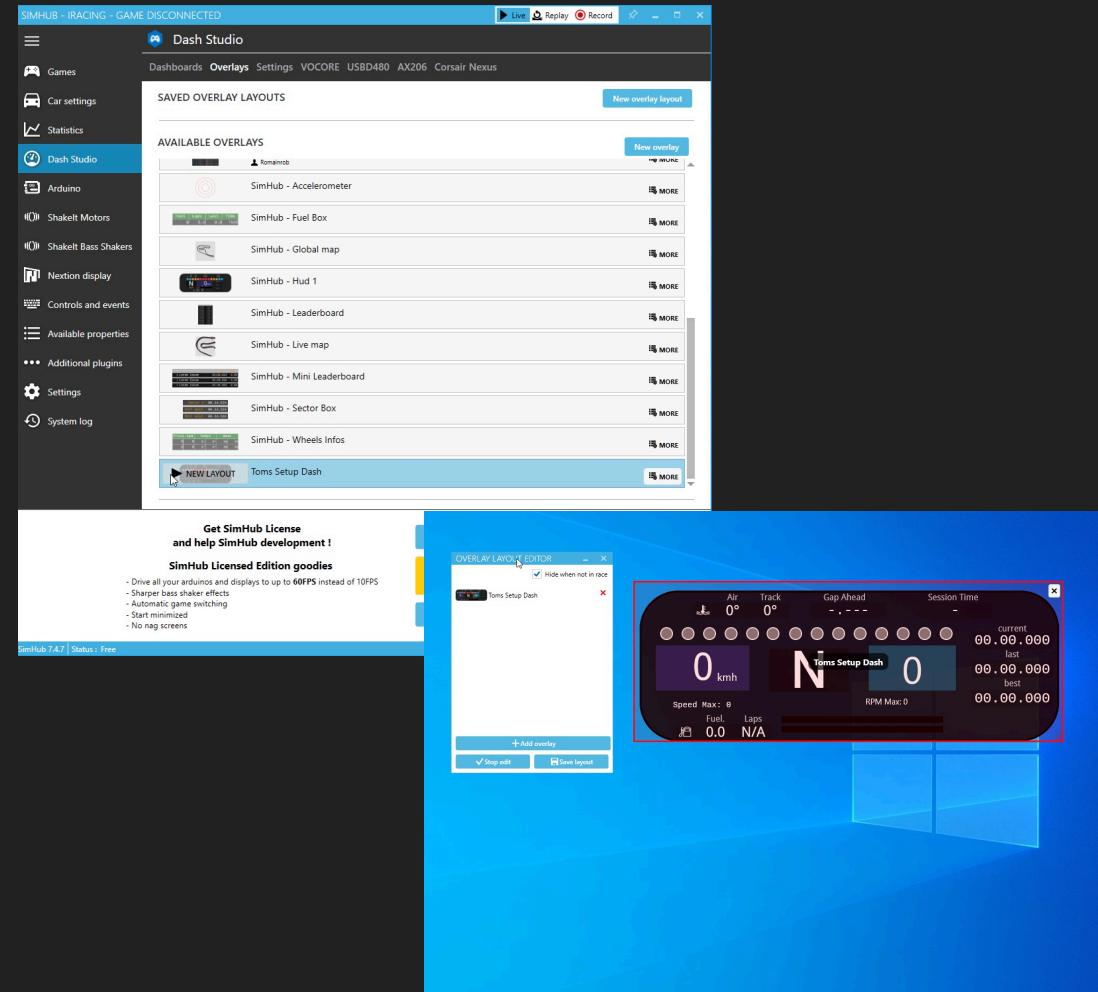
Launching a new layout

Holding the mouse over one of the overlays will give you the black “play” arrow icon will launch a layout editor.

Ideally, you will want to then jump into a car so that you can place the overlay somewhere in the car window or on the dashboard somewhere.

Once you place it, then make sure you save your layout and hit stop edit.

If you are in the car and you see the red box, those dashboards/overlays will not update.



Installing New Overlays

First thing to do is to kill SimHub

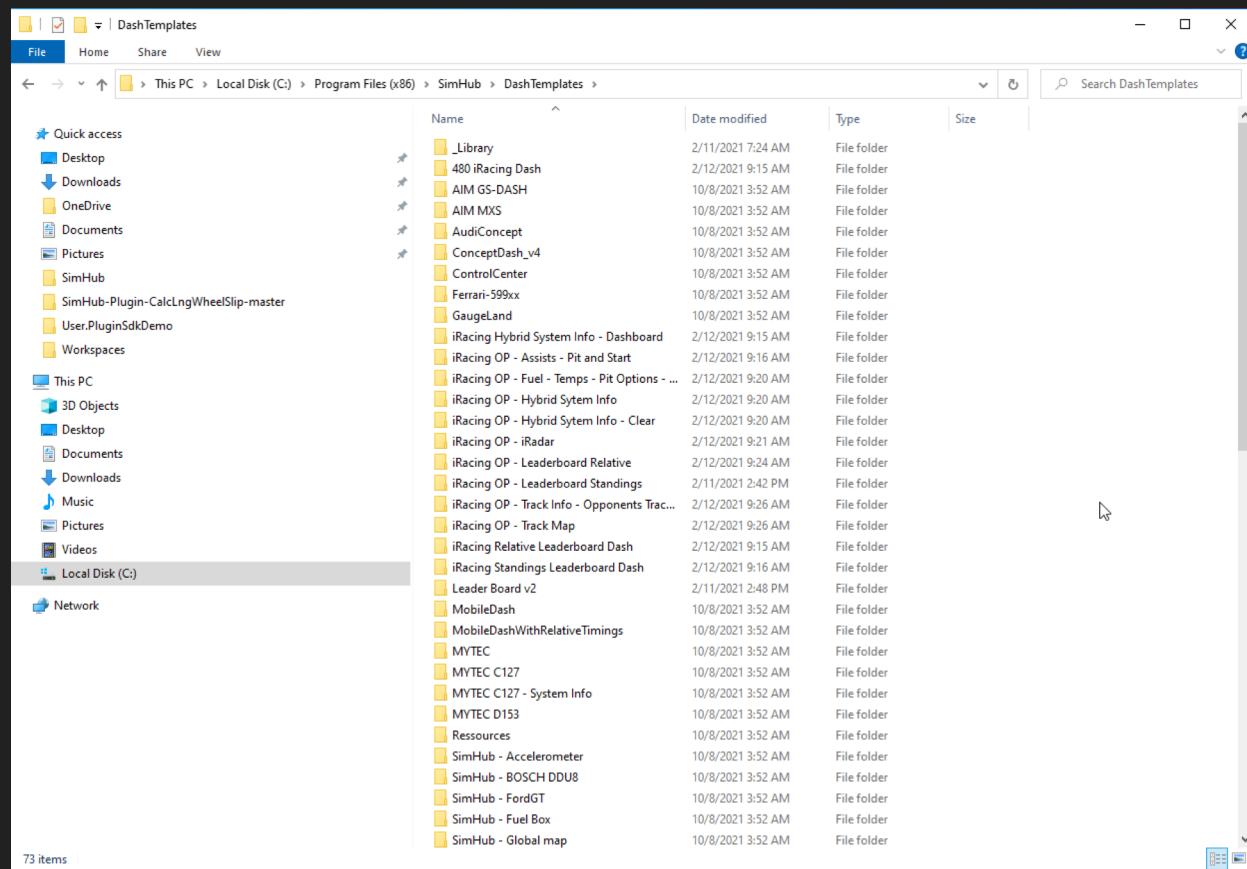
Download the overlay zip files

Extract them into your Download folder

Move the folder containing the overlay files
to:

C:\Program Files
(x86)\SimHub\DashTemplates

Restart SimHub and you will find the overlays
available in the SimHub Dash Studio menu
option with the others.

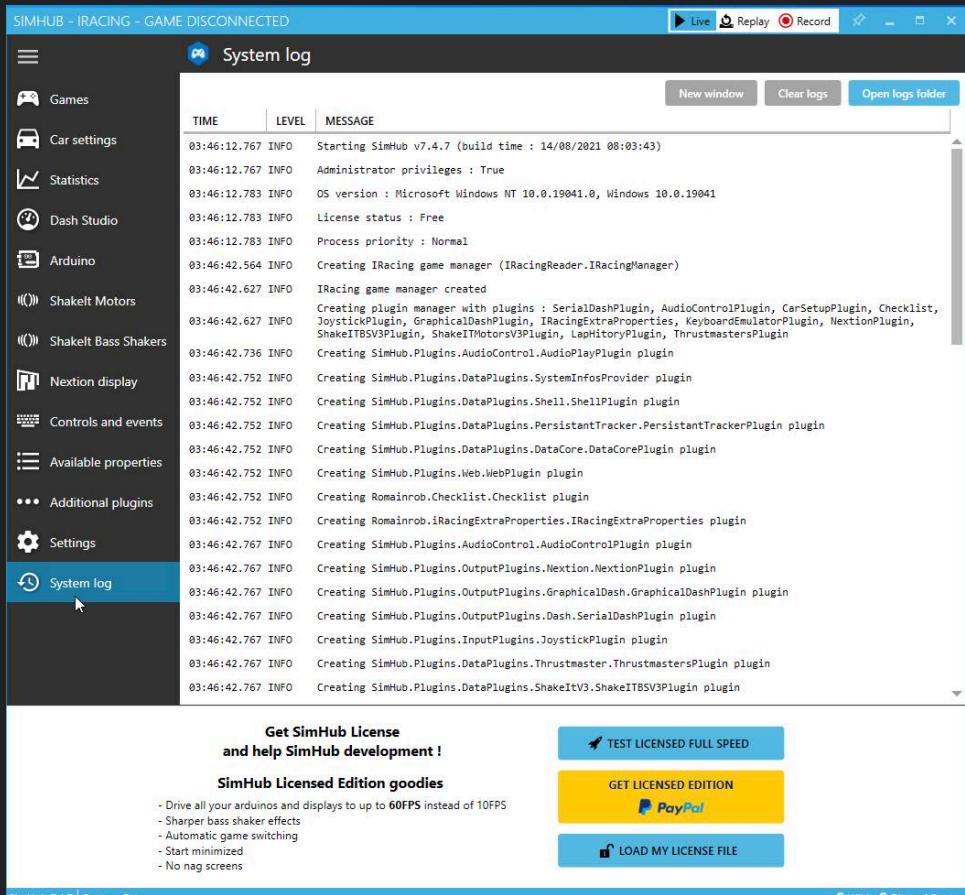


SimHub Plugin-ins

System Log Check

Important: Do before installing ANY plugins

- 1) Launch SimHub
- 2) Click on System Log
- 3) Scroll down and make sure there is not an endless flow of error messages
- 4) Resolve those error messages, if any, before adding any more plugins
- 5) Those endless flow of error messages will slow down your computer and affect your game



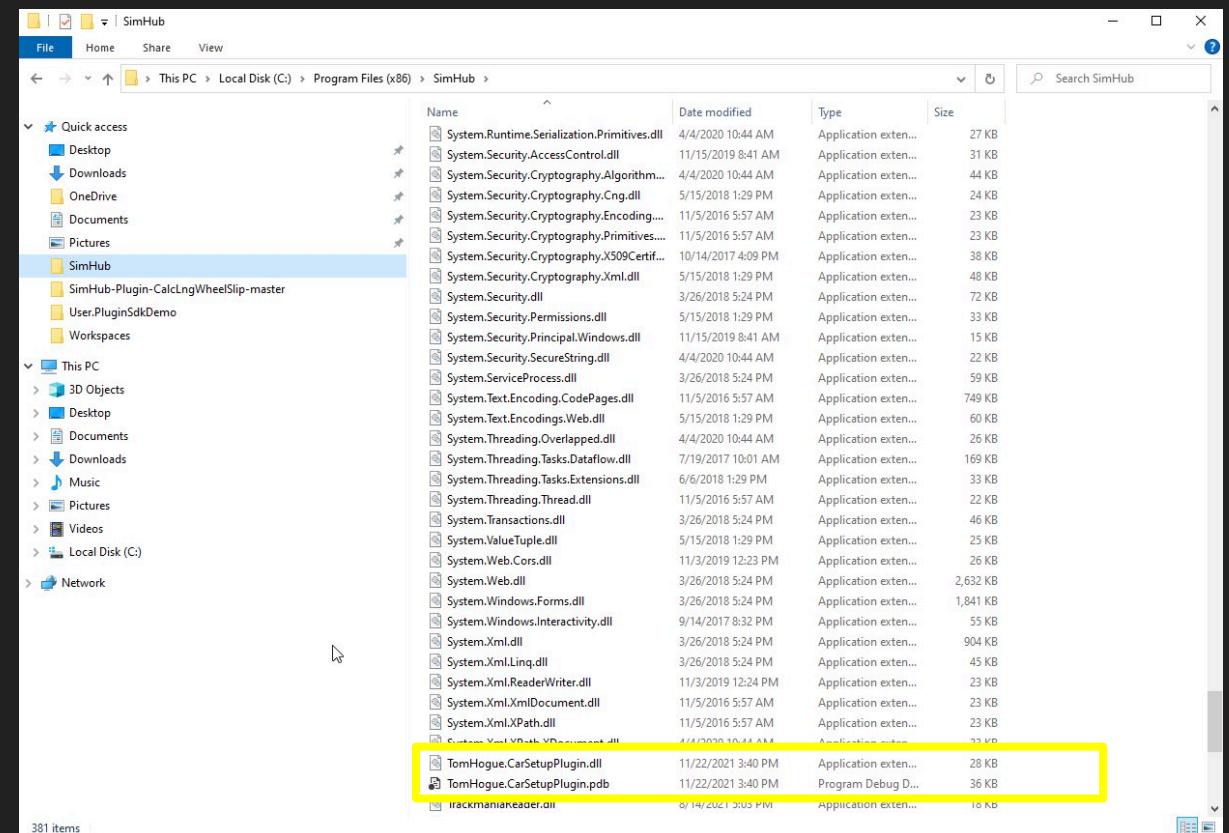
Installing Toms Car Setup Plugin

Kill SimHub

Download and unzip the two plugin file to your downloads

Move the two files into the main SimHub folder

When you restart SimHub, you will be asked if you want to install the plug-in.



Plugin Installation Verification

Look at the system log again to verify the plugin is not generating errors.

If it is, then kill SimHub and remove the two plugin files that were installed in the Simhub directory and restart SimHub.

Let me know if this occurs.

The screenshot shows the SIMHUB - IRACING - GAME DISCONNECTED application window. On the left is a sidebar with various options: Games, Car settings, Statistics, Dash Studio, Arduino, Shakelt Motors, Shakelt Bass Shakers, Nexion display, Controls and events, Available properties, Additional plugins, Settings, and System log. The 'System log' option is selected and highlighted with a blue background. The main area is titled 'System log' and displays a table of log entries. The columns are TIME, LEVEL, and MESSAGE. The log entries show the startup of SimHub v7.4.7, administrator privileges, OS version, license status, process priority, and the creation of the IRacing game manager and plugin manager. The log ends with the creation of various system and plugin components. At the bottom of the window, there are promotional banners for getting a SimHub license, testing full speed, purchasing a licensed edition, and loading a license file. The footer of the window indicates it is running SimHub 7.4.7 with a free status.

TIME	LEVEL	MESSAGE
03:46:12.767	INFO	Starting SimHub v7.4.7 (build time : 14/08/2021 08:03:43)
03:46:12.767	INFO	Administrator privileges : True
03:46:12.783	INFO	OS version : Microsoft Windows NT 10.0.19041.0, Windows 10.0.19041
03:46:12.783	INFO	License status : Free
03:46:12.783	INFO	Process priority : Normal
03:46:42.564	INFO	Creating IRacing game manager (IRacingReader.IRacingManager)
03:46:42.627	INFO	IRacing game manager created
03:46:42.627	INFO	Creating plugin manager with plugins : SerialDashPlugin, AudioControlPlugin, CarSetupPlugin, Checklist, JoystickPlugin, GraphicalDashPlugin, IRacingExtraProperties, KeyboardEmulatorPlugin, NexionPlugin, ShakeITBSV3Plugin, ShakeITMotorsV3Plugin, LapHistoryPlugin, ThrustmastersPlugin
03:46:42.736	INFO	Creating SimHub.Plugins.AudioControl.AudioPlayPlugin plugin
03:46:42.752	INFO	Creating SimHub.Plugins.DataPlugins.SystemInfosProvider plugin
03:46:42.752	INFO	Creating SimHub.Plugins.DataPlugins.Shell.ShellPlugin plugin
03:46:42.752	INFO	Creating SimHub.Plugins.DataPlugins.PersistantTracker.PersistantTrackerPlugin plugin
03:46:42.752	INFO	Creating SimHub.Plugins.DataPlugins.DataCore.DataCorePlugin plugin
03:46:42.752	INFO	Creating SimHub.Plugins.Web.WebPlugin plugin
03:46:42.752	INFO	Creating Romainrob.Checklist.Checklist plugin
03:46:42.752	INFO	Creating Romainrob.iRacingExtraProperties.IRacingExtraProperties plugin
03:46:42.767	INFO	Creating SimHub.Plugins.AudioControl.AudioControlPlugin plugin
03:46:42.767	INFO	Creating SimHub.Plugins.OutputPlugins.Nexion.NexionPlugin plugin
03:46:42.767	INFO	Creating SimHub.Plugins.OutputPlugins.GraphicalDash.GraphicalDashPlugin plugin
03:46:42.767	INFO	Creating SimHub.Plugins.OutputPlugins.Dash.SerialDashPlugin plugin
03:46:42.767	INFO	Creating SimHub.Plugins.InputPlugins.JoystickPlugin plugin
03:46:42.767	INFO	Creating SimHub.Plugins.DataPlugins.Thrustmaster.ThrustmastersPlugin plugin
03:46:42.767	INFO	Creating SimHub.Plugins.DataPlugins.ShakeITV3.ShakeITBSV3Plugin plugin

Get SimHub License ! and help SimHub development !

SimHub Licensed Edition goodies

- Drive all your arduinos and displays to up to 60FPS instead of 10FPS
- Sharper bass shaker effects
- Automatic game switching
- Start minimized
- No nag screens

TEST LICENSED FULL SPEED

GET LICENSED EDITION

PayPal

LOAD MY LICENSE FILE

SimHub 7.4.7 | Status : Free

? Wiki ? Discord Server

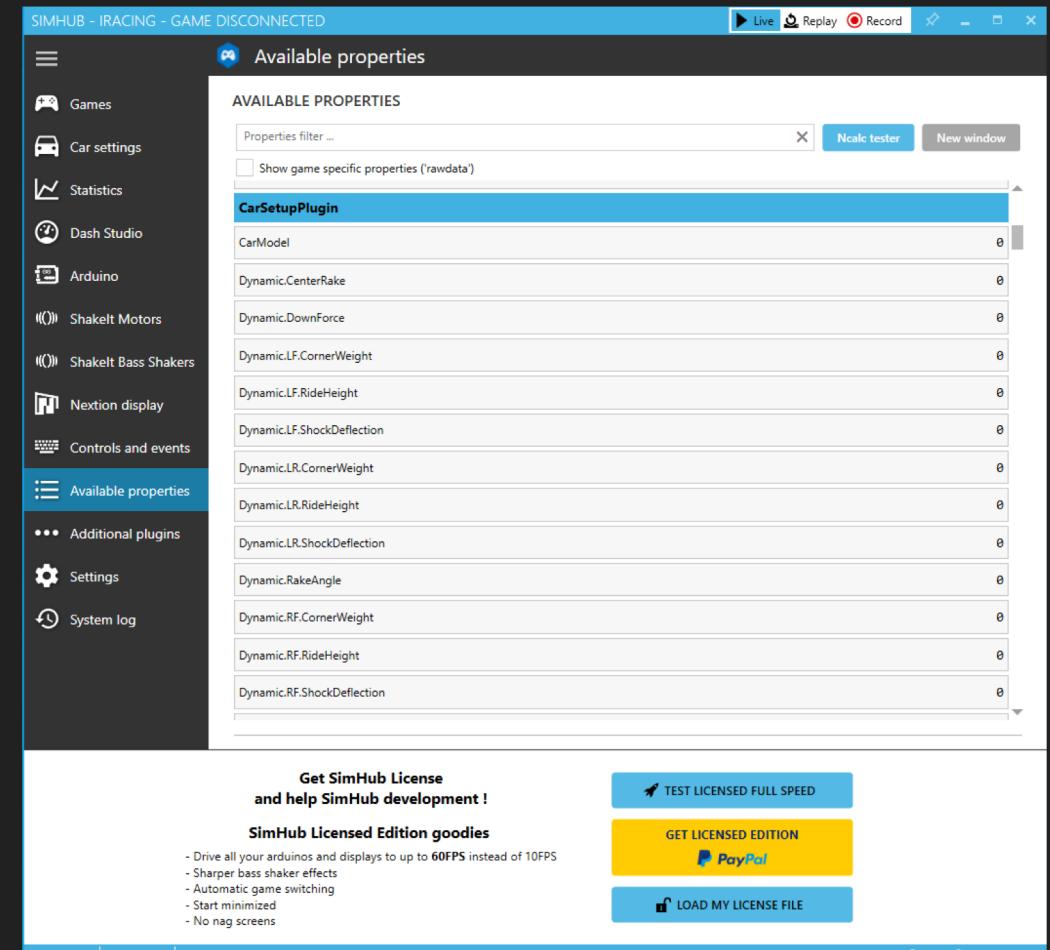
Verify The Plugin Is Exposing Data

Click on Available Properties in the Sim Hub Menu

Scroll down to CarSetupPlugin

The fields should be there and if not in the car, the values will be zero.

All done. Run the associated plugins found on the github repository



Toms Car Setup Plugin

Toms Car Setup Plugin is VERY much a work in progress
In fact, the On-Track Data is inaccurate!!
...That is how much it is work in progress

The Plug In Repository has Dashboards that use the new data being exposed

All “Garage Data” in the plugin is accurate
All “On Track Data” is accurate when traveling slow
Inaccuracies in the data are because I am missing Tire Compression under speed



Link to github repository
<https://github.com/thogue95/Toms-Car-Setup-Plugin>

