

# HUDDrawer v. 0.3

Orbiter aux library

<http://sf.net/projects/enjomitchsorbit>

Copyright (C) 2008      Steve Arch "agentgonzo"      virtual table hijacking  
Copyright (C) 2012-2013      Szymon Ender "Enjo"      created a framework  
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## Intro

'Nuff blocking other developers, who are waiting with their HUD drawing modules to bust, by Launch MFD's internal HUD drawing system! This library centralizes the internals of "VESSEL virtual table hijacking", providing a common system where all the modules, willing to draw on HUD, are registered, and receive the HUD drawing context afterwards. A good example of a module that could use this system would be [Axial Velocity HUD](#), which is currently not compatible with Launch MFD's former HUD drawing system (or the other way around).

Reference posts: [Problem report](#), [Solution used](#).

**WARNING!** This library is a **HACK** and it **may stop working** in future versions of Orbiter API if the library isn't maintained anymore. Note however that it's very easy to do so by updating the VesselHooking class.

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**Never compile in the HUDDrawer's code provided in the Samples directory, or you'll crash Orbiter. Instead, you have to link your code with the VesselHooking.lib library. The HUDDrawer's code is there only to fulfill the GPL license.**

## Usage

To have your module receive vessel's HUD drawing context, all you need to do is follow these steps:

- 1) Derive your module from EnjoLib::IDrawsHUD, available under include path <EnjoLib/IDrawsHUD.hpp>
- 2) Implement the pure virtual methods from the above interface
- 3) Compile your source and link VesselHooking.lib.
- 4) Activate HUDDrawer module in Orbiter's Modules tab of the Launchpad.

For more details, check out the Doxygen documentation in doxygen dir.

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