

# The Alternative Managed Plugins Workflow Cheat Sheet

## Prepare the Builder Services;

- Cloudsmith
- Appveyor
- Travis
- CircleCI

## Adapt your legacy OpenCPN plugin:

- Use API 16 or later
- Use 'GetPluginDataDir' instead of 'GetpDataDir'
- Add '#include config.h' (no body)
- Edit GetAPIVersionMajor() / GetAPIVersionMajor()

If you have used the git method to copy/replace files from ShipDriver go to the Editing section

If you are using the GUI method use these steps:

**Copy these directories** from ShipDriver to your legacy plugin directory (they are not present);

- .circleci
- build-deps
- ci
- flatpak (rename org.opencpn.OpenCPN.Plugin.ShipDriver.yaml as org.opencpn.OpenCPN.Plugin.YourPlugin.yaml) [Replace YourPlugin by the actual name]
- libs
- mingw

**Replace this directory** in your plugin directory with the one from ShipDriver:

- cmake

**Add these files** from ShipDriver to your plugin directory:

- .cmake-format.yaml
- .travis.yml
- appveyor.yml
- config.h.in
- COPYING
- shipdriver-plugin.xml.in [rename as YourPlugin-plugin.xml.in]

**Edit these files:**

- README.md
- CMakeLists.txt
- org.opencpn.OpenCPN.Plugin.YourPlugin.yaml [In flatpak]

## CMakeLists.txt

This file requires a lot of editing.

The ShipDriver file can be used as a template, keeping it open while you make the changes.