

# Porting WDL-OL to LADSPA/LV2

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## Abstract

WDL-OL is an open source framework that is used to develop audio plug-ins in various formats (VST, VST3, AU, RTAS, AAX) for Mac and Windows operating systems. The proposition is to add the possibility to develop plug-ins in LADSPA and LV2 formats under Linux.

## Keywords

Audio Plug-ins, WDL-OL, LADSPA, LV2

## 1 Introduction

WDL / IPlug is a simple-to-use C++ framework for developing cross platform audio plugins and targeting multiple plugin APIs with the same code. Originally developed by Schwa/Cockos, IPlug has been enhanced by various contributors, in particular Oliver Larkin, whose version seems to be the most used.

Plug depends on WDL, and that is why this project is called WDL-OL, although most of the differences from Cockos' WDL are to do with IPlug. The source code for the framework can be downloaded from the WDL repository [1].

There exists also a very active discussion list about WDL [2]

## 2 The Geek Meeting

The author has developed a few freeware plug-ins (pictured here: *ClockWise Orange* which manages multi tap multi delays, and *Strawberry Feel* which provides a graphical audio language) using WDL-OL, and he wishes to make them available to the Linux community. Some other plug-ins authors may wish to do the same thing, and therefore add to the plug-ins offer under Linux. For this, we need to add to WDL-OL the LADSPA/LV2 support (for DAWs, but also for tools like ChuckK), and to find people knowledgeable on the subject and willing to help us in this development.

## References

- [1] WDL Git Repository: <https://github.com/olilarkin/wdl-ol>
- [2] WDL discussion Forum: <http://forums.cockos.com/forumdisplay.php?f=32>

