

Install PureData 0.50-2 for MacOS & Windows 10

1. Download PureData 0.50-2 from Miller Puckette's Web site. Use the compiled versions for macOS 10.6 and later, or Windows 64 bit.

<http://msp.ucsd.edu/software.html>

2. Open the tar.gz archive and copy the application to your Applications folder and run it. On newer Mac systems, you will need to right click on the application, and choose "open" and then "Open" again from the pop up warning windows. Windows has an installer.

3. When Pd first runs, it will ask about making a folder in your Documents folder. Say, "yes". It will create a Pd folder, as well as a subfolder called "externals".

4. From the Pd Help menu navigate to "Find externals". Pd and Max use the term 'externals' for what most programming environments call 'libraries'. It installs these with a utility called 'deken'.

First let's load Gem. Gem is a collection of components that enables Pd to work with screen graphics, including 3D and video. The current version is 0.94, accessible via 'Deken' and has been tested up to macOS 10.13.6:

Gem/0.94 (deken-archive for macOS Intel/64bi (macOS10.12+)) ... 2019-03-14-23:10:14

After installing Gem (note: the progress bar will have reached the end, but the deken window will not close), close the deken window. Open the Pd Startup preferences (Pd Menu → Preferences → Startup...). Click "New..." and enter 'Gem' (without quotes) in the 'Add new library' box. Click OK at the far right of that box, and then OK in the Startup preference pane. Quit Pd and restart it. You should see a series of GEM messages in the main Pd window.

The externals we need to load for now are:

comport, cyclone, freeverb~, and moonlib

Search for these from within the "Find externals" window and for each, install the one with the newest date, uppermost in the display window.

Next, open the Pd Path preferences (Pd Menu → Preferences → Path). You should see the line:

`/Users/'yourusername'/Documents/Pd/externals`

This points to the folder where all the externals are stored. Most of them work by having the folder referenced as above, but some externals need to be explicitly referenced, such as cyclone and moonlib. In the Path preference pane (see screen shot below), click "New...", navigate to the cyclone & moonlib folders in 'Documents/Pd/externals' and add them one at a time. Your entries should look like this:

`/Users/'yourusername'/Documents/Pd/externals`

`/Users/'yourusername'/Documents/Pd/externals/cyclone`

`/Users/'yourusername'/Documents/Pd/externals/moonlib`

Note: Pd is an open source project with a lot of contributors and history and is in a constant state of revision. While Miller Puckette maintains the core program, externals are maintained as a labor of love

by various people throughout the world. Some externals, such as hid, that were once bundled with PD Extended no longer work. You will find objects in the examples folders of various other externals that don't work, that have dotted lines. Ignore them and look for another solution; there usually is one.

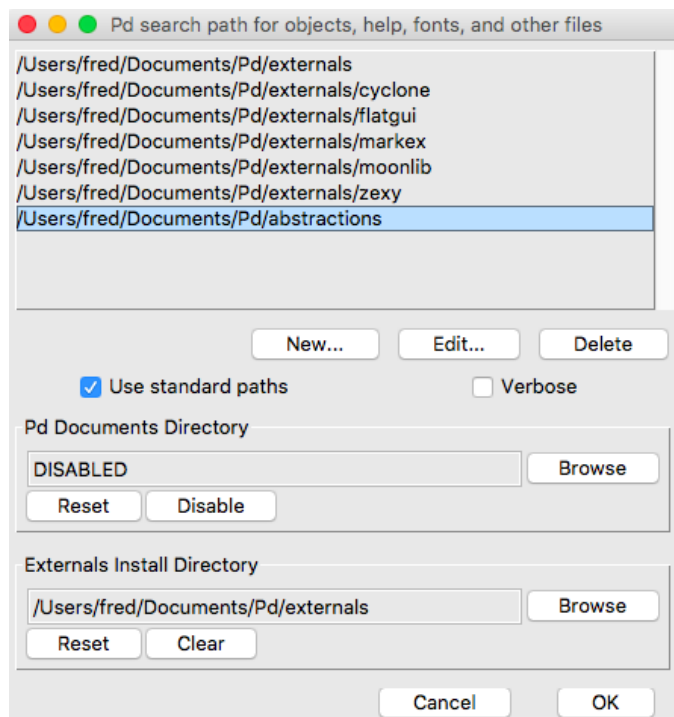
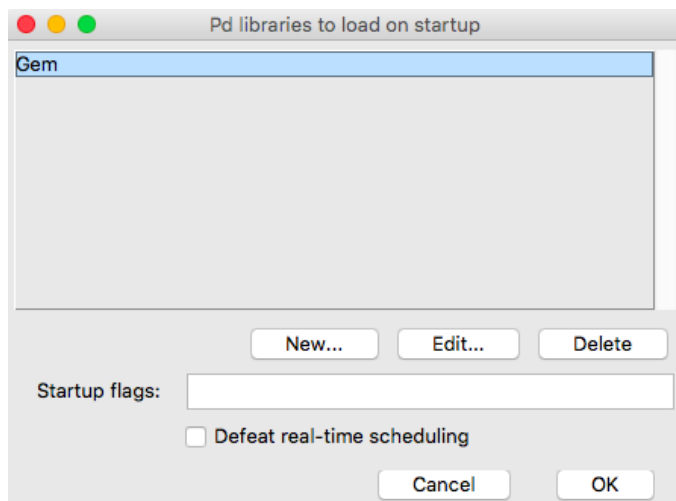
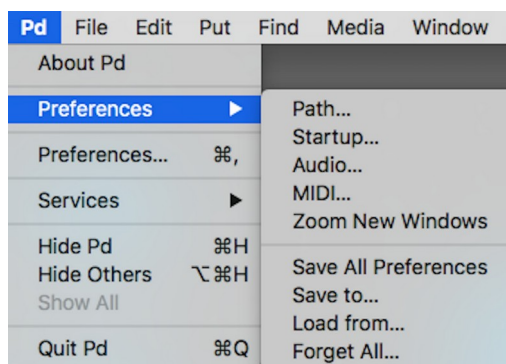
5. Some additional libraries that are useful to load are:

flatgui, ggee, jasch, markex, maxlib, and zexy

Again, install the ones with the newest dates. There is one exception – zexy – use this one instead:

zexy-v0-0extended... - 2015-12-10 14:36:08

As above you need to add some explicit paths; in this case for flatgui, markex, and zexy.



6. Quit and restart Pd, and you should be up and running!