

<http://www.jackaudio.org/>

Jack (the Jack Audio Connection Kit) is a low-latency audio server, written originally for the GNU/Linux operating system, and now with Mac OS X support. It can connect any number of different applications to a single hardware audio device; it also allows applications to send and receive audio to and from each other.



Installation sous MacOSX

Télécharger Jack OSX version 0.74 (Universal binary) pour Mac OS X 10.3.9 ou 10.4.x, PPC ou MacIntel depuis :

<http://jackosx.com/> (Full installer, uninstaller & documentation 6.3 MB du 4 Mai 2006)

ATTENTION Jack OSX version 0.75 sur MacIntel ne fonctionne pas avec Pd-extended 0.39.3, 0.40.3, and Pd-vanilla 0.41.0.

Decompresser JackOSX.0.74.pkg.zip... Lancer JackOSX.0.74.pkg.. Installer...

Jack	23/11/07, 23:26	5,3 Mo
Documentation.pdf	04/05/06, 19:18	2 Mo
Extras	12/01/06, 10:01	208 Ko
Autostart	22/02/05, 09:03	96 Ko
Autostart JackOSX Readme.rtf	22/02/05, 03:51	4 Ko
Autostart JackOSX.app	22/02/05, 03:51	92 Ko
Developer	23/03/05, 10:37	112 Ko
JackPilot.app	11/04/06, 18:21	3,1 Mo
Uninstall JackOSX.command	04/05/06, 19:25	4 Ko

Ce dossier est installé dans le dossier Applications:

Juillet 2008 MacOSX4.11 + Pd-0.40.3-extended sur G4 ou MacIntel

Plantage systematique de Pd au passage a jack

Solution : JackOSX.0.78 ou 0.82

Désinstallation sous MacOS

Lancer Applications:Jack:Uninstall JackOSX.command

JACK for Windows?

Stephane Letz at GRAME, of JackOSX and jackdmp (multi-processor jackd) fame, has been working on a Windows port of JACK (specifically, jackdmp), and reports early initial success. We apparently need a new ASIO backend, and there is much other work to be done, but the basics appear to work satisfactorily. The original author of JACK is preparing to eat hats, crow and his own left foot as payment for all the times he said it could not be done. Watch this space for more information as it happens.

<http://www.grame.fr/~letz/jackdmp.html>

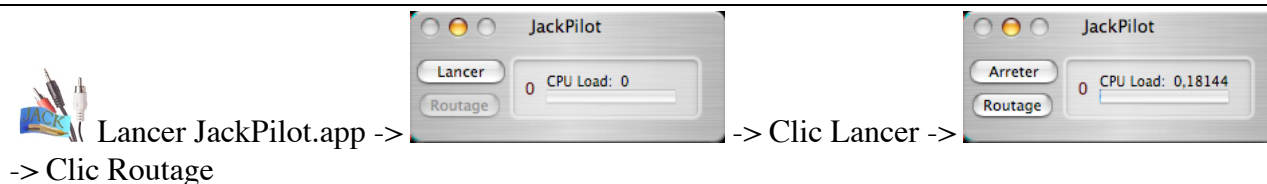
Dernière version en janvier 2008: jackdmp_0.68.zip

(Je n'ai jamais réussi à le faire fonctionner sous Windows...)

Utilisation sous MacOSX

But how do I use it?

- 1 Start up the JackPilot application, and click one button to start the Jack server.
 - 2 "Jack-enable" the applications you want to connect - this usually means selecting the Jack Audio Router driver in the Audio preferences menu of your applications, or by using the Jack AU or VST plugins.
 - 3 "Connect" the applications you want to share audio between in the Connections window of JackPilot.
- That's it! There's much more detail to help you in the full documentation, which is included in the download package.

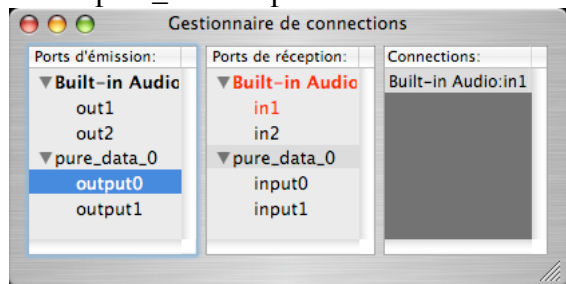


-> Clic Routage

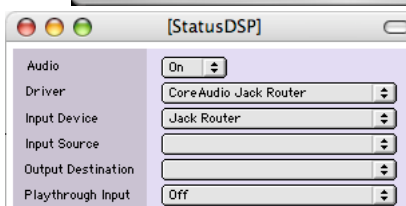
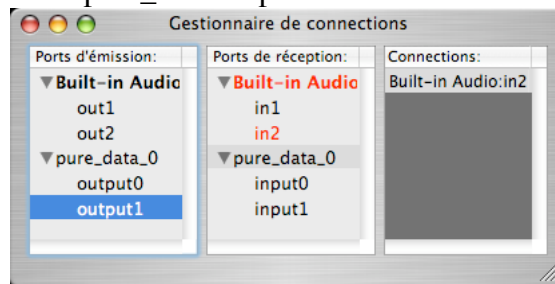
Lancer Pd-0.39.3-extended.app par exemple -> Menu Media -> jack

JackPilot -> clic Routage ->

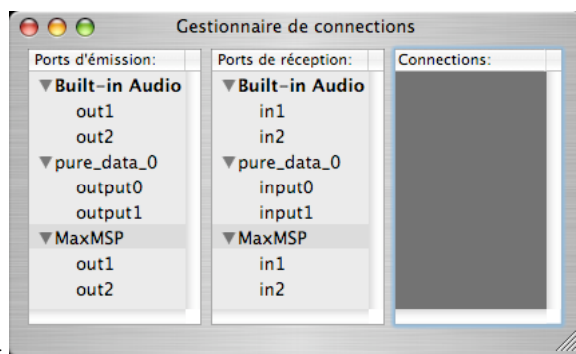
Relier pure_data output0 à Built-in Audio in1



Relier pure_data output1 à Built-in Audio in2



Lancer MaxMSP463.app -> DSP Status... ->



JackPilot -> clic Routage ->

On peut ainsi relier les sorties Audio de Pd aux entrées Audio de MaxMSP et les sorties Audio de MaxMSP à Built-in Audio

Installation de QjackCtl sous MacOSX

On peut installer en plus QjackCtl qui s'utilise à la place de JackPilot et qui est plus facile...

Voir : http://ardour.org/requirements_osx

Pour MacOSX.4, PPC, MacIntel -> télécharger QJackCtl-0.2.22.dmg depuis :

<http://ardour.org/files/releases/QJackCtl-0.2.22.dmg>

Pour MacOSX.3, PPC -> télécharger QJackCtl-0.2.18.dmg depuis :

<http://ardour.org/files/releases/QJackCtl-0.2.18.dmg>

Voir aussi : <http://qjackctl.sourceforge.net/>

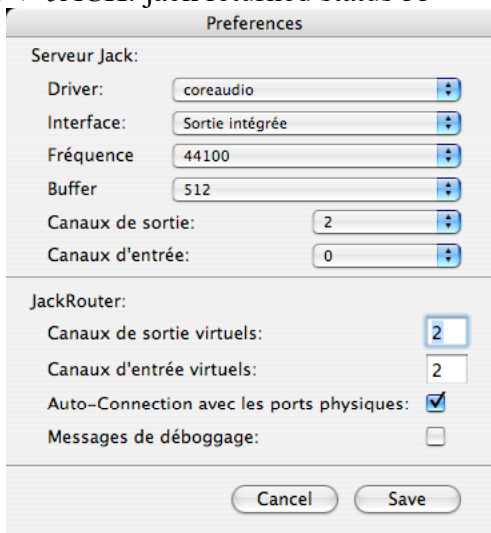
En cas de problème:



1 QjackCtl sous MacOSX ->

Solution -> Désinstaller JackOSX.0.74 et installer JackOSX.0.78 ou 0.82...

2 Pd-0.40.3-extended -> Fenêtre Pd -> JACK: jack returned status 33

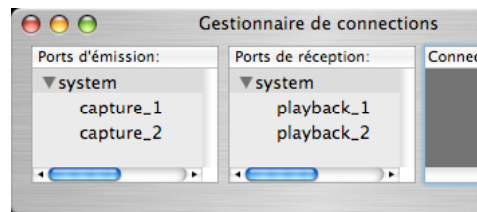
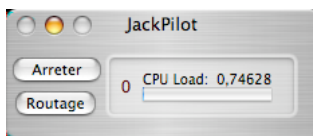
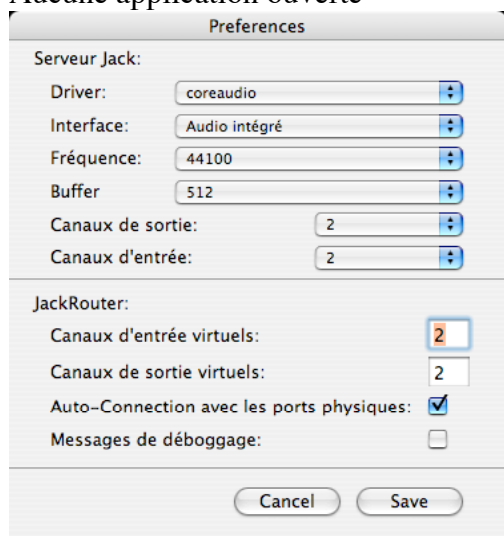


JackPilot -> Preferences ->

SOLUTION -> créer un périphérique agrégé (voir plus bas)

JackOSX 0.82 + MacOSX.4.11 + G4

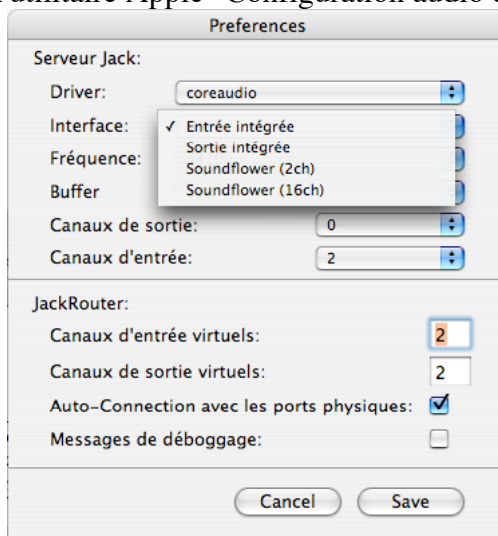
Aucune application ouverte



JackOSX 0.83 + MacOSX.4.11 + Intel

ATTENTION sur MacIntel l'interface Audio du Mac est vue comme 2 périphériques séparés (Entrée intégrée + Sortie intégrée) Jack ne fonctionne pas alors correctement et AlgoScore ne fonctionne pas. Le problème est prévu par Apple.

Il faut agréger ces 2 périphériques avec l'utilitaire Apple "Configuration audio et MIDI"

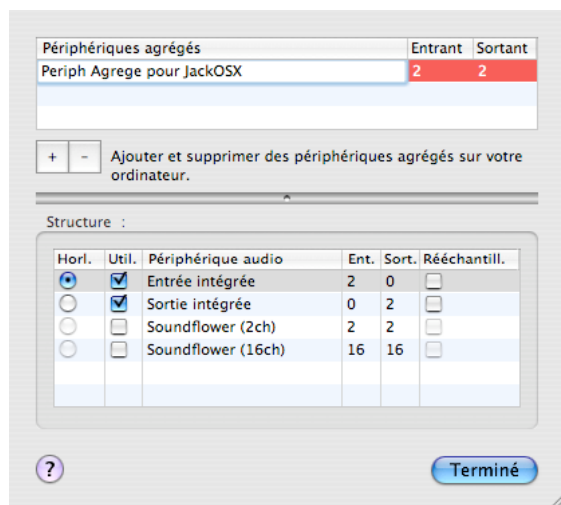


Aucune application ouverte JackPilot ->

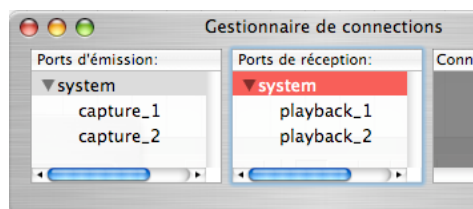
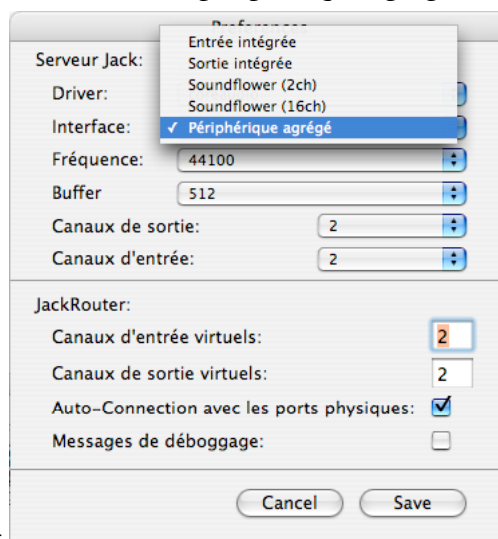
C'est le problème

For proper functioning within Jack OS X on Intel Macs, these two devices must be aggregated into a single one, using the Mac's Aggregate Device Editor, which is housed within the Audio MIDI Setup application. Also, the Aggregate Device must be created using an Administrator account; it will not work properly if created using a non-Administrator account.

Configuration audio et MIDI -> Menu Audio -> Ouvrir l'éditeur de périphérique agrégé ->



après ->



OK

Applications compatibles :

Ardour (MacOSX, Linux)
 Pure Data (MacOSX, Linux)
 AlgoScore (MacOSX, Linux)
 MaxMSP (MacOSX, Windows ??)