GRAME - Computer Music Research Lab.

¥ From [illegible] to [illegible] state :**A** [illegible]

¥ From [illegible] to [illegible]

Pa_StartStream	PaHost_StartOutput PaHost_StartInput PaHost_StartEngine	**ASIOStart**
Pa_StopStream	PaHost_StopOutput PaHost_StopInput PaHost_StopEngine	**ASIOStop**
Pa_CloseStream	PaHost_CloseStream	**ASIODisposeBuffers** **ASIOExit**
Pa_Terminate	PaHost_Term	**removeCurrentDriver**

[illegible]

On Macintosh ASIO drivers are files located in a special folder called ÒASIO DriversÓ located in the application folder. These ASIO drivers can easilly be changed simply by moving ASIO drivers files to and from the ASIO Drivers folder. Some utilities functions are available in the the ASIO SDK :

- [illegible] load an ASIO driver in memory given itÕs name
- [illegible]

¥ : position in output user buffer
¥ : position in output ASIO buffer

At initialization time, a **A** function that implements the algorithm is used to compute the frame number used for the first host ouput buffer :

¥ when M>N we define = **A** **(,N).** This value is used to shift the variable (host ouput write offset)

¥ when M<N we define = **A** **(,N).** This value is used to shift the variable (user input write offset)

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After host buffer creation the**A**

to be done when converting ASIO buffers into user buffers, and the contrary at the ouput. This process is mixed with sample conversion.

A possible improvement is to extend PortAudio to allow the use of non-interleaved buffers. Thus de-interleaving is