

Userspace TODO List

Distributions

Debian

A complete list of required work, mostly in the form of bug hunting can be found here

<https://bugs.debian.org/cgi-bin/pkgreport.cgi?tag=sh4;users=debian-sh4@superh.org>

Others

DirectFB

DFB contains a kernel module for the 2DG drawing. Ideally this should be moved to a userspace library similar to libshveu.

UIOMux & kernel

At the moment each hardware IP block has an associated UIO block meaning apps can only allocate memory for each IP block. Since this memory can be accessed by any of the IP blocks, e.g often a buffer output by the VPU (video decode) would be accessed by the VEU (scale), this association makes it difficult to handle the worst case for each of the userspace drivers (libshveu, libshbeu, libshcodecs and libshjpeg). It would be better if there was a single memory pool.