==== USB HOST SHIELD 3.0 LIBRARY ====

The lib-uhs3/ folder contains a subset of the files from the USB Host Shield

3.0 library:

https://github.com/felis/UHS30

==== LICENSE SUMMARY ====

Source Path: Repository: License:

------------ ----------- --------

usb\_flashdrive/lib github.com/felis/UHS30 GPLv2 or later

==== MARLIN INTEGRATION WORK ====

All additional work done to integrate USB into Marlin was performed by

AlephObjects, Inc. and is licensed under the GPLv3.

This version of UHS3 has been modified for better compatibility with Marlin.

The upstream version of UHS 3.0 runs a frame timer interrupt every 1 ms to

handle device polling. This timer interrupt interferes with Marlin's stepper

IRQ, so the flag USB\_HOST\_MANUAL\_POLL has been added to move the polling to

the idle task. Additional logic was added to disable and enable the frame

IRQ.

SKIP\_PAGE3F and USB\_NO\_TEST\_UNIT\_READY were added to work around bugs with

certain devices.

-- marcio@alephobjects.com