Raspbain vs Yocto core-image-sato

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08/23/15

Advantages

The image of core-image-sato-082315.gz zipped is larger than 2015-05-15-raspbian-wheezy.zip 1.0 GB (1,038,523,231 bytes)

core-image-sato-082315.gz 2.1 GB (2,089,228,087 bytes)

MyHDL, squashfs-tools, GSL, OpenCV, Openjpeg, XSTOOLS, Jasper, VLC, Evince, FireFox, IVerilog and PIP are installed

Advantages

- Yocto provides a cross-compiler which reduces compile time considerably.

- Build time is approximately 3hrs 38 min.

including OpenCV which takes 2hrs to compile on raspbian-wheezy distro.

XSTOOLS installed on new image.

GTKWave installed on new image.

Iverilog installed on new image.

 VLC installed on new image

Advantages

As root

"gzip -dc /home/vidal/wkg/yocto/core-image-sato-gtkwave-iverilog-xstools-vlc.gz | dd bs=16M of=/dev/sdb".

The root password is "raspberrypi" this should be changed after boot.

Disadvantages

- XSTOOLS no recipe at this time.

- GTKWave no recipe at this time.

- Iverilog no recipe at this time.

- Matplotlib installed but not bringing up displays.