Replacing Garnet with Linux on the MEZ1500rev2d

Create an SD card with three partitions on it so that we have the following configuration:

mmcblk0p1 = FAT32
mmcblk0p2 = EXT3
mmcblk0p3 = EXT3

For example, the 2GB card I have here is partitioned to:

mmcblk0p1 = FAT32 = 512MB (Storage)
mmcblk0p2 = EXT3 = 20MB (Kernel)
mmcblk0p3 = EXT3 = Remainder >1GB (RootFS)

The easiest method for partition the card was to use Gparted from a live CD such as Ubuntu.

Copy the mez1500_rev2d_uboot.bin to the 1st FAT32 partition, the uImage to the 2nd EXT3 partition and the RootFS to the 3rd partition.

Note, you must mount and use the cp –R command to copy the RootFS or the /dev nodes won't copy.

Example:
bash-3.1# mount /dev/sdb3 /mnt/tmp/sdb3
bash-3.1# cd /opt/Aceeca/LinuxDev/MEZ1500/RootFS/rootfs_qtopia_qt4
bash-3.1# cp -R . /mnt/tmp/sdb3
bash-3.1# umount /mnt/tmp/sdb3

Insert the card into the MEZ1500rev2d with Garnet on it and hard reset (press and hold pwr + backlight for 6sec) whilst holding both the left & right side buttons. Keep holding both the left & right side buttons for another 6secs.

That should be it. The next time the device resets it will run the new Linux U-boot and mount the EXT3 partitions to load the kernel and RootFS.