Building Linux Kernel for kb9202

Download Linux kernel source
> ftp://ftp.kernel.org/pub/linux/kernel/

Unpacking the linux kernel source code
> *tar -xvf linux-3.0.34.tar.xz*

Configure Linux kernel for kb9202
> *make ARCH=arm kb9202_defconfig*

("_defconfig" files are used to setup the configuration when building the kernel based on the board you are using located in **"arch/$(ARCH)configs"** folder)

> - The above command creates **".config"** with pre configured options.

Compiling the kernel for kb9202
> - Export Cross Compiler path (PATH = $PATH:/$(buildroot)/output/host/usr/bin/)
> > **make ARCH=arm CROSS_COMPILE=arm-linux- uImage**

> - This will create a U-Boot Linux kernel image **"arch/arm/boot/uImage"**. The **make** target **uImage** uses the tool **mkimage** (from the U-Boot package) which is immediately usable for download and booting with U-Boot on target.

make ARCH=arm CROSS_COMPILE=arm-linux- INSTALL_MOD_PATH=/media/target modules_install

> - Above command install kernel headers in **/lib/modules/(uname -r)/build**. Kernel headers will be need to support building out-of-tree modules.