```
SHELL = bash

CONFIG_FILE := $(PWD)/.config
-include $(CONFIG_FILE)

EXTRA_CFLAGS += -I$(PWD)

export EXTRA_CFLAGS

ifeq ($(CONFIG_PXA955), y)
CONFIG_PXA9XX=y
endif
ifeq ($(CONFIG_PXA950), y)
CONFIG_PXA9XX=y
endif
ifeq ($(CONFIG_PXA920), y)
CONFIG_PXA9XX=y
endif
ifeq ($(CONFIG_PXA9XX), y)
EXTRA_CFLAGS += -DPXA9XX
ifeq ($(CONFIG_PXA955), y)
EXTRA_CFLAGS += -DPXA955
KERNELDIR ?= /home/marvell/pxa_955/pxa955_froyo_147/kernel/kernel
CROSS_COMPILE ?=
/home/marvell/pxa_955/pxa955_froyo_147/prebuilt/linux-x86/toolchain/arm-eabi-4.4
.0/bin/arm-eabi-
else
ifeq ($(CONFIG_PXA950), y)
EXTRA_CFLAGS += -DPXA950
KERNELDIR ?= /usr/src/arm/linux-2.6.29-pxa950
CROSS_COMPILE ?=
/usr/local/arm-marvell-linux-gnueabi/bin/arm-marvell-linux-gnueabi-
else
ifeq ($(CONFIG_PXA920), y)
EXTRA_CFLAGS += -DPXA920
ifeq ($(KMINORVER),32)
KERNELDIR ?= /usr/src/arm/linux-2.6.32-pxa920
else
KERNELDIR ?= /usr/src/arm/linux-2.6.29-pxa920
endif
CROSS_COMPILE ?=
/usr/local/arm-marvell-linux-gnueabi/bin/arm-marvell-linux-gnueabi-
else
ifeq ($(KMINORVER),25)
KERNELDIR ?= /usr/src/arm/linux-2.6.25-pxa9xx
CROSS_COMPILE ?= /usr/local/arm/4.1.1/bin/arm-linux-
else
KERNELDIR ?= /usr/src/arm/linux-2.6.24-pxa9xx
CROSS_COMPILE ?= /usr/local/arm/4.1.1/bin/arm-linux-
endif
endif
endif
endif
ARCH ?= arm
else
ifeq ($(CONFIG_MOORESTOWN), y)
```

```
ARCH ?= i386
KERNELDIR ?= /usr/src/moorestown/kernel
CROSS_COMPILE ?=
/usr/local/i686-unknown-linux-gnu-4.2.1/bin/i686-unknown-linux-gnu-
else
KERNELDIR = /lib/modules/$(shell uname -r)/build
endif
endif

MBT_CHAR_OBJS := mbt_char.o hci_wrapper.o
obj-m := mbtchar.o
mbtchar-objs := $(MBT_CHAR_OBJS)

BINDIR = ../bin_mbtchar

PWD    := $(shell pwd)

default:
ifeq ($(CONFIG_PXA9XX), y)
        $(MAKE) -C $(KERNELDIR) M=$(PWD) ARCH=$(ARCH)
CROSS_COMPILE=$(CROSS_COMPILE) modules
else
ifeq ($(CONFIG_MOORESTOWN), y)
        $(MAKE) -C $(KERNELDIR) M=$(PWD) ARCH=$(ARCH)
CROSS_COMPILE=$(CROSS_COMPILE) modules
else
        $(MAKE) -C $(KERNELDIR) M=$(PWD) modules
endif
endif

build: default
        @if [ ! -d $(BINDIR) ]; then \
                mkdir $(BINDIR); \
        fi
        @cp -f mbtchar.ko $(BINDIR)
        @cp -f README $(BINDIR)

clean:
        echo "pwd" $(PWD)
        -find . -name "*.o" -exec rm {} \;
        -find . -name "*.ko" -exec rm {} \;
        -find . -name ".*.cmd" -exec rm {} \;
        -find . -name "*.mod.c" -exec rm {} \;
        -find . -name "*.symvers" -exec rm {} \;
        -find . -name "modules.order" -exec rm {} \;
        -rm -rf .tmp_versions

PXA9XX PXA955 PXA950 PXA920 X86 MOORESTOWN:
        @echo CONFIG_$@=y > $(CONFIG_FILE)

2.6.25:
        @echo "KMINORVER=25" >> $(CONFIG_FILE)

2.6.32:
        @echo "KMINORVER=32" >> $(CONFIG_FILE)
```

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