首先拷贝迅为提供的 libcanjni.tar.gz 压缩包到 android 源码的"iTop4412_ICS/device/samsung/common"目录下面，然后使用"tar -xvf libcanjni.tar.gz"命令解压这个压缩包，如下图所示：

```
root@ubuntu:/home/cym/exynos4412/develop_board/4_3/iTop4412_ICS/device/samsung/common#
root@ubuntu:/home/cym/exynos4412/develop_board/4_3/iTop4412_ICS/device/samsung/common# tar -xvf libcanjni.tar.gz
libcanjni/
libcanjni/can.h
libcanjni/canset.c
libcanjni/canset.sh
libcanjni/socket.h
libcanjni/Android.mk
libcanjni/canset
libcanjni/canjni.c
root@ubuntu:/home/cym/exynos4412/develop_board/4_3/iTop4412_ICS/device/samsung/common#
```

然后修改"device/samsung/smdk4x12/device.mk"文件，在这个文件找到
"device/samsung/smdk4x12/ft5x0x_ts.idc:system/usr/idc/ft5x0x_ts.idc"，在他的下面添加下面的内容：
```
PRODUCT_COPY_FILES += \
        device/samsung/common/libcanjni/canset.sh:system/bin/canset.sh \
        device/samsung/common/libcanjni/canset:system/bin/canset \
```
如下图（高亮的部分）所示：

```
PRODUCT_COPY_FILES += \
        device/samsung/smdk4x12/ft5x0x_ts.idc:system/usr/idc/ft5x0x_ts.idc
#end add

#add by cym 20150519
PRODUCT_PACKAGES += \
        cantest

PRODUCT_COPY_FILES += \
        device/samsung/common/libcanjni/canset.sh:system/bin/canset.sh \
        device/samsung/common/libcanjni/canset:system/bin/canset \
#end add
```

然互保存并退出。
接下来修改文件"device/samsung/smdk4x12/conf/init.smdk4x12.rc"，在这个文件里面添加启动 can 设备的服务，如下图（高亮的部分,注意一定要添加在"on boot"的上面）所示：

```
#add by cym 20150519
service can /system/bin/canset.sh
    oneshot

on property:net.can.change=yes
    start can
#endif

on boot
    setprop ro.build.product smdk4x12
    setprop ro.product.device smdk4x12
    setprop ro.radio.noril yes
```

然后保存并退出，接下来拷贝"cantest"测试应用到"packages/apps"目录下，如下图所示：

```
root@ubuntu:/home/cym/exynos4412/develop_board/4_3/iTop4412_ICS/packages/apps# ls
BasicSmsReceiver  cantest              Exchange    Mms            Phone           SoundRecorder    VoiceDialer
Bluetooth         CellBroadcastReceiver Gallery   Music          Protips         SpareParts
Browser           CertInstaller        Gallery2    MusicFX        Provision       SpeechRecorder
Calculator        Contacts             HTMLViewer  MusicULP       QuickSearchBox  Stk
Calendar          DeskClock            KeyChain    Nfc            SEC_Camera      Tag
Camera            Email                Launcher2   PackageInstaller Settings      VideoEditor
root@ubuntu:/home/cym/exynos4412/develop_board/4_3/iTop4412_ICS/packages/apps#
```

修改完成后，回到 android 源码目录下面，执行"./build_android.sh"脚本，开始编译 android，如下图所示：

```
root@ubuntu:/home/cym/exynos4412/develop_board/4_3/iTop4412_ICS#
root@ubuntu:/home/cym/exynos4412/develop_board/4_3/iTop4412_ICS#
root@ubuntu:/home/cym/exynos4412/develop_board/4_3/iTop4412_ICS# ./build_android.sh
```

编译完成后，重新烧写生成的"ramdisk-uboot.img"和"system.img"镜像，然后安装迅为提供的 CAN 的测试程序"cantest.apk"（迅为也提供了测试程序的源码：cantest），就可以测试 CAN 了。