说明

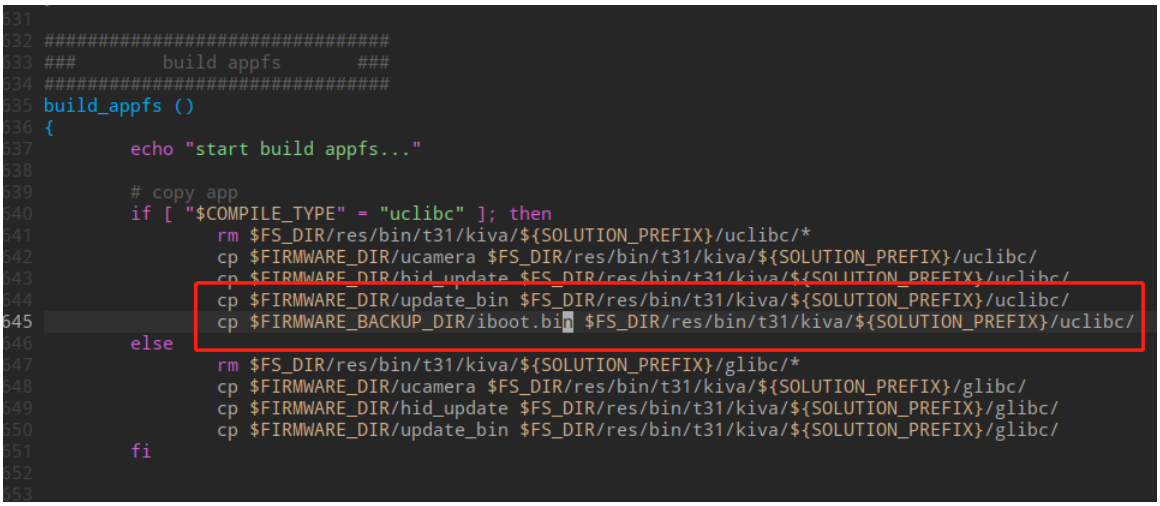
update_bin 应用程序，提供一种应用层刷机手段，默认只支持iboot 刷机，即可根据需要升级其他分区。

注意：原则上，不建议用户通过应用刷机，除非特殊情况。分区越大，断电导致分区被破坏的风险就越大。

- iboot : mtd0
- kernel:mtd1
- appfs: mtd2
- configs:mtd3

使用

- 修改mkimg_for_kiva_anker_ota.sh 脚本
  - 打开 build_iboot 编译，编译最新iboot
  - 修改 build_appfs.



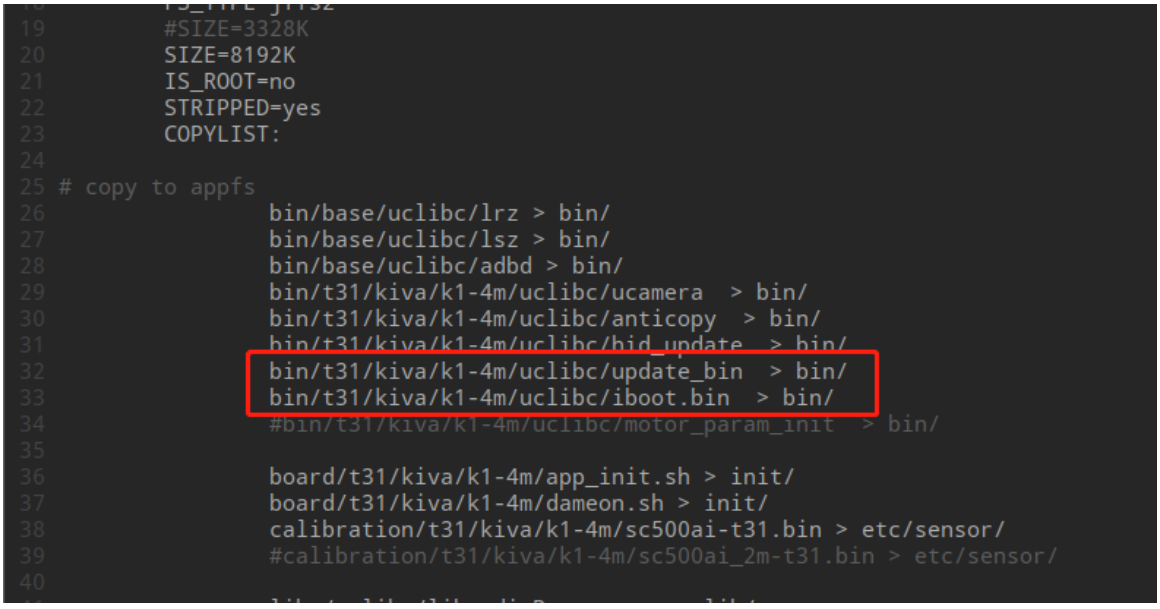
```
631
632 ##############################
633 ###        build appfs       ###
634 ##############################
635 build_appfs ()
636 {
637         echo "start build appfs..."
638
639         # copy app
640         if [ "$COMPILE_TYPE" = "uclibc" ]; then
641                 rm $FS_DIR/res/bin/t31/kiva/${SOLUTION_PREFIX}/uclibc/*
642                 cp $FIRMWARE_DIR/ucamera $FS_DIR/res/bin/t31/kiva/${SOLUTION_PREFIX}/uclibc/
643                 cp $FIRMWARE_DIR/hid_update $FS_DIR/res/bin/t31/kiva/${SOLUTION_PREFIX}/uclibc/
644                 cp $FIRMWARE_DIR/update_bin $FS_DIR/res/bin/t31/kiva/${SOLUTION_PREFIX}/uclibc/
645                 cp $FIRMWARE_BACKUP_DIR/iboot.bin $FS_DIR/res/bin/t31/kiva/${SOLUTION_PREFIX}/uclibc/
646         else
647                 rm $FS_DIR/res/bin/t31/kiva/${SOLUTION_PREFIX}/glibc/*
648                 cp $FIRMWARE_DIR/ucamera $FS_DIR/res/bin/t31/kiva/${SOLUTION_PREFIX}/glibc/
649                 cp $FIRMWARE_DIR/hid_update $FS_DIR/res/bin/t31/kiva/${SOLUTION_PREFIX}/glibc/
650                 cp $FIRMWARE_DIR/update_bin $FS_DIR/res/bin/t31/kiva/${SOLUTION_PREFIX}/glibc/
651         fi
652
653
```

  - 新增 build_daemon

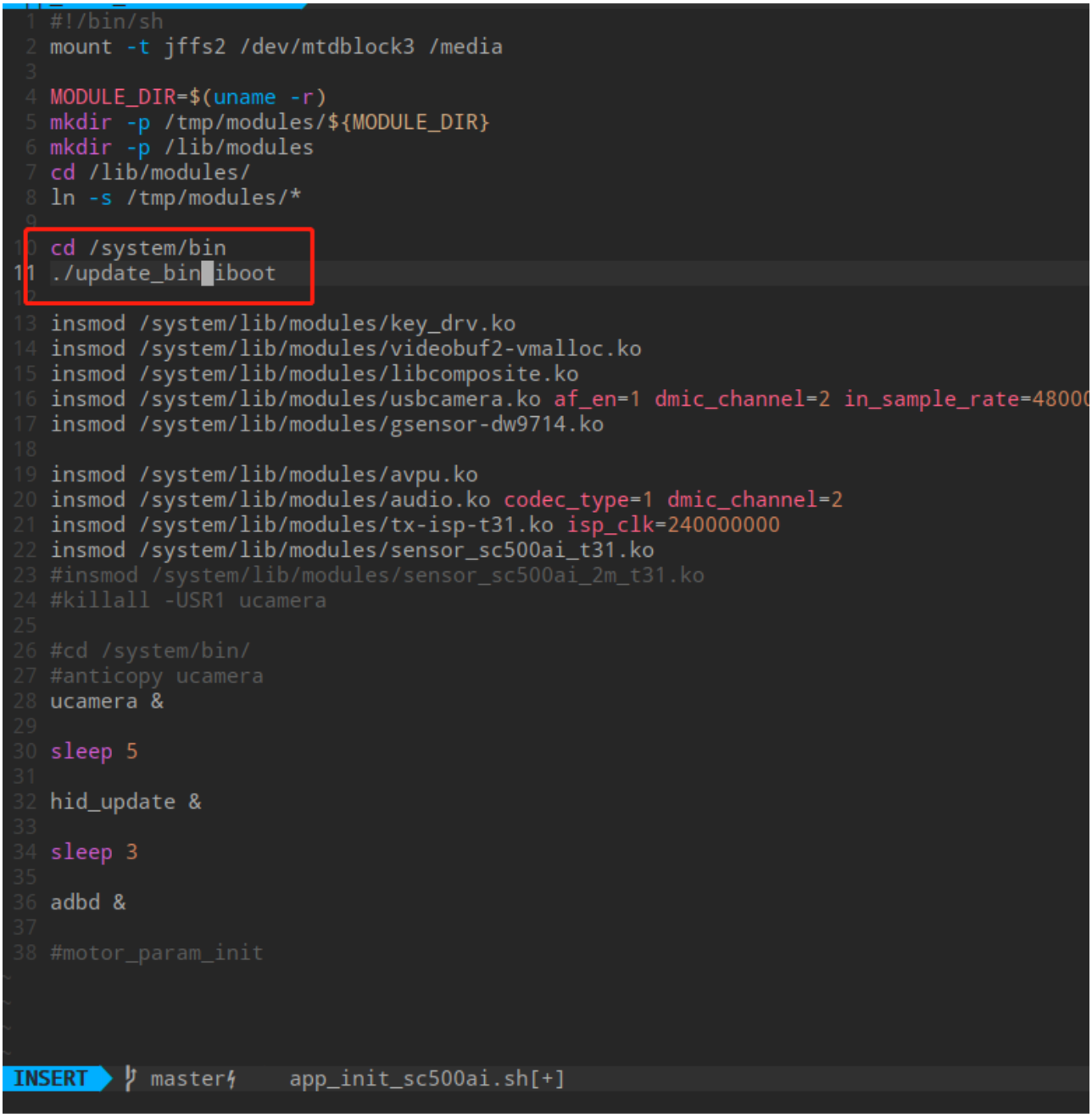
```
##########################
###   build daemon   ###
##########################
build_daemon ()
{
        echo "start build daemon..."

        cd $EXT_DIR/daemon
        make distclean
    if [ "$1" = "clean" ]; then return; fi
```

```
        if [ "$COMPILE_TYPE" = "uclibc" ]; then
                make CROSS_COMPILE=$CROSS_COMPILE_PREFIX
COMPILE_TYPE=uclibc
        else
                make CROSS_COMPILE=$CROSS_COMPILE_PREFIX
COMPILE_TYPE=glibc
        fi
        if [ $? != 0 ]; then
                echo "build daemon faild"
                exit 1
        fi

        cp update_bin $FIRMWARE_DIR/update_bin
        if [ $? != 0 ]; then
                echo "build daemon faild"
                exit 1
        fi

        cd -
        echo "build daemon ok...!"
}
```

- 修改 kiva_k1_4m_Anker_uclibc_config_sc500ai



- 修改启动脚本：app_init_sc500ai.sh



修改完脚本后，正常编译ota 固件，通过ankework 升级即可，升级完成后，更新完iboot 后，需要重启生效。