https://blog.happyz.me/2015/using-valgrind-and-callgrind-on-android/

1. 获取Valgrind

git clone git://sourceware.org/git/valgrind.git

1. 打开valgrind目录下的README.android根据里面的步骤构建一个编译脚本，根据自己本地NDK和valgrind的路径修改如下脚本，该脚本在mac下运行，编译 arm架构的

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| --- |
| #!/bin/bash  NDK\_PATH=/Users/libo/WorkStation/SDKs/android-ndk-r13b  VALGRIND\_PATH=/Users/libo/WorkStation/GitHub/valgrind  cd $VALGRIND\_PATH  export HWKIND=generic  export NDKROOT=$NDK\_PATH  export AR=$NDKROOT/toolchains/arm-linux-androideabi-4.9/prebuilt/darwin-x86\_64/bin/arm-linux-androideabi-ar  export LD=$NDKROOT/toolchains/arm-linux-androideabi-4.9/prebuilt/darwin-x86\_64/bin/arm-linux-androideabi-ld  export CC=$NDKROOT/toolchains/arm-linux-androideabi-4.9/prebuilt/darwin-x86\_64/bin/arm-linux-androideabi-gcc  export RANLIB=$NDKROOT/toolchains/arm-linux-androideabi-4.9/prebuilt/darwin-x86\_64/bin/arm-linux-androideabi-ranlib  export STRIP=$NDKROOT/toolchains/arm-linux-androideabi-4.9/prebuilt/darwin-x86\_64/bin/arm-linux-androideabi-strip  export CPPFLAGS="--sysroot=$NDKROOT/platforms/android-15/arch-arm -DANDROID\_HARDWARE\_$HWKIND"  export CFLAGS="--sysroot=$NDKROOT/platforms/android-15/arch-arm"  export LIBS="-L$NDKROOT/platforms/android-15/arch-arm/usr/lib"  ./autogen.sh  ./configure --prefix=/data/local/Inst --host=armv7-unknown-linux --target=armv7-unknown-linux --with-tmpdir=/sdcard  make -j8  make -j8 install DESTDIR=`pwd`/Inst |

1. 下载[root精灵](http://www.shuame.com/root/)，先对手机进行roo。
2. 将valgrind放入设备

adb shell "mkdir /data/local/Inst"

adb push Inst /

adb shell "chmod 777 /data/local/Inst"

adb shell "/data/local/Inst/bin/valgrind --version"

如果出现权限问题，使用 su提升权限

adb shell setprop wrap.com.snailgame.tjyd "logwrapper /data/local/start\_valgrind.sh"