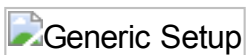builddriver.sh

```
1.   #
2.   # marvell build tools dir
3.   gcc_dir=/home/walterzh/work/2016-05-LSP/gerrit/build-bundle/poky/build/tmp/s
     ysroots/x86_64-linux/usr/bin/arm-poky-linux-gnueabi
4.   PATH=$PATH:${gcc_dir}
5.
6.   export WORKDIR=/home/walterzh/work/2016-05-LSP/gerrit/build-bundle/poky/buil
     d/tmp/work/granite2-poky-linux-gnueabi
7.   KERNEL_REV=3.18.7+gitAUTOINC+7019c4a279-r0
8.   export STAGING_KERNEL_DIR=${WORKDIR}/linux-granite-upstream/${KERNEL_REV}/li
     nux-granite2-standard-build
9.
10.
11.  export KERNELDIR=${STAGING_KERNEL_DIR}
12.  export CROSS_COMPILE=arm-poky-linux-gnueabi-
13.  export ARCH=arm
14.
15.  #make ARCH=arm CROSS_COMPILE=arm-poky-linux-gnueabi- -C ${STAGING_KERNEL_DIR
     } M=`pwd`
16.  make ARCH=arm CROSS_COMPILE=arm-poky-linux-gnueabi-
```

kgtp depends on `CONFIG_PERF_EVENT` and `CONFIG_KPROBES`
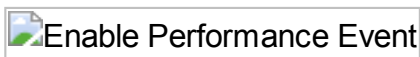在make menuconfig中配置如下

进入Generic Setup

Generic Setup

选择enable KProbes

Enable KProbes

选择enable Performance Event

Enable Performance Event

kgtp (20130706 edition)在kernel 3.18.7下build,出错如下

```
 1.  walterzh@walterzh-Precision-T1650:~/work/current/kgtp$ bash builddrivers.sh
 2.  make ARCH=arm CROSS_COMPILE=arm-poky-linux-gnueabi- -C /home/walterzh/work/2
     016-05-LSP/gerrit/build-bundle/poky/build/tmp/work/granite2-poky-linux-gnuea
     bi/linux-granite-upstream/3.18.7+gitAUTOINC+7019c4a279-r0/linux-granite2-sta
     ndard-build M=/home/walterzh/work/2016-05-LSP/kgtp modules
 3.  make[1]: Entering directory `/home/walterzh/work/2016-05-LSP/gerrit/build-bu
     ndle/poky/build/tmp/work/granite2-poky-linux-gnueabi/linux-granite-upstream/
     3.18.7+gitAUTOINC+7019c4a279-r0/linux-granite2-standard-build'
 4.    CC [M]  /home/walterzh/work/2016-05-LSP/kgtp/gtp.o
 5.  /home/walterzh/work/2016-05-LSP/kgtp/gtp.c: In function 'gtp_handler_enable_
     disable':
 6.  /home/walterzh/work/2016-05-LSP/kgtp/gtp.c:4162:4: error: implicit declarati
     on of function 'add_preempt_count' [-Werror=implicit-function-declaration]
 7.       add_preempt_count(HARDIRQ_OFFSET);
 8.       ^
 9.  /home/walterzh/work/2016-05-LSP/kgtp/gtp.c:4167:4: error: implicit declarati
     on of function 'sub_preempt_count' [-Werror=implicit-function-declaration]
10.       sub_preempt_count(HARDIRQ_OFFSET);
11.       ^
12.  cc1: some warnings being treated as errors
13.  make[4]: *** [/home/walterzh/work/2016-05-LSP/kgtp/gtp.o] Error 1
14.  make[3]: *** [_module_/home/walterzh/work/2016-05-LSP/kgtp] Error 2
15.  make[2]: *** [sub-make] Error 2
16.  make[1]: *** [__sub-make] Error 2
17.  make[1]: Leaving directory `/home/walterzh/work/2016-05-LSP/gerrit/build-bun
     dle/poky/build/tmp/work/granite2-poky-linux-gnueabi/linux-granite-upstream/3
     .18.7+gitAUTOINC+7019c4a279-r0/linux-granite2-standard-build'
18.  make: *** [gtp.ko] Error 2
```

是不是高版本的kernel已经remove add_preempt_count() / sub_preempt_count()了呢？