

u-boot-2009.11

make smdk2410_config

\$ diff -r u-boot-2009.11 u-boot-2009-build

只在 u-boot-2009-build/include 存在 : asm

只在 u-boot-2009-build/include/asm-arm 存在 : arch

只在 u-boot-2009-build/include/asm-arm 存在 : proc

只在 u-boot-2009-build/include 存在 : config.h

只在 u-boot-2009-build/include 存在 : config.mk

1. in u-boot-2009-build/include directory

ln -s asm-arm asm

asm -> asm-arm/

2. in u-boot-2009-build/include/asm-arm directory

ln -s arch-s3c24x0 arch

arch -> arch-s3c24x0

3. in u-boot-2009-build/include/asm-arm directory

ln -s proc-armv proc

proc -> proc-armv

4. generate u-boot-2009-build/include/conig.h

```
1.  /* Automatically generated - do not edit */
2.  #include <configs/smdk2410.h>
3.  #include <asm/config.h>
```

5. generate u-boot-2009-build/include/conig.mk

```
1.  ARCH    = arm
2.  CPU     = arm920t
3.  BOARD   = smdk2410
4.  VENDOR  = samsung
5.  SOC     = s3c24x0
```

in Makefile

```
1.  unconfig:
2.      @rm -f $(obj)include/config.h $(obj)include/config.mk \
3.          $(obj)board/*/config.tmp $(obj)board/*/config.tmp \
4.          $(obj)include/autoconf.mk $(obj)include/autoconf.mk.dep
5.
6.  smdk2410_config :      unconfig
7.      @$$(MKCONFIG) $(@:_config=) arm arm920t smdk2410 samsung s3c24x0
```

即在执行command前先delete include/config.h and include/config.mk

@\$(MKCONFIG) \$(@:_config=) arm arm920t smdk2410 samsung s3c24x0

mkconfig smdk2410 arm arm920t smdk2410 samsung s3c24x0

\$@ 即 smdk2410_config , \$(@:_config=) 把_config去掉。

mkconfig's Parameters: Target Architecture CPU Board [VENDOR] [SOC]

即Target = smdk2410

Architecture = arm

CPU = arm920t

Board = smdk2410

VENDOR = samsung

SOC = s3c24x0

create asm -> asm-arm/

arch -> arch-s3c24x0

proc -> proc-armv

include/conig.h

include/conig.mk

都在mkconfig shell script中。

关键是include/config.h中的

#include <configs/smdk2410.h>

由

```
echo "#include <configs/$1.h>" >>config.h
```

生成。这里\$1 = smdk2410 (Target)

其实include/configs/smdk2410.h就在那里了。该文件中就是与该target相关的config。