

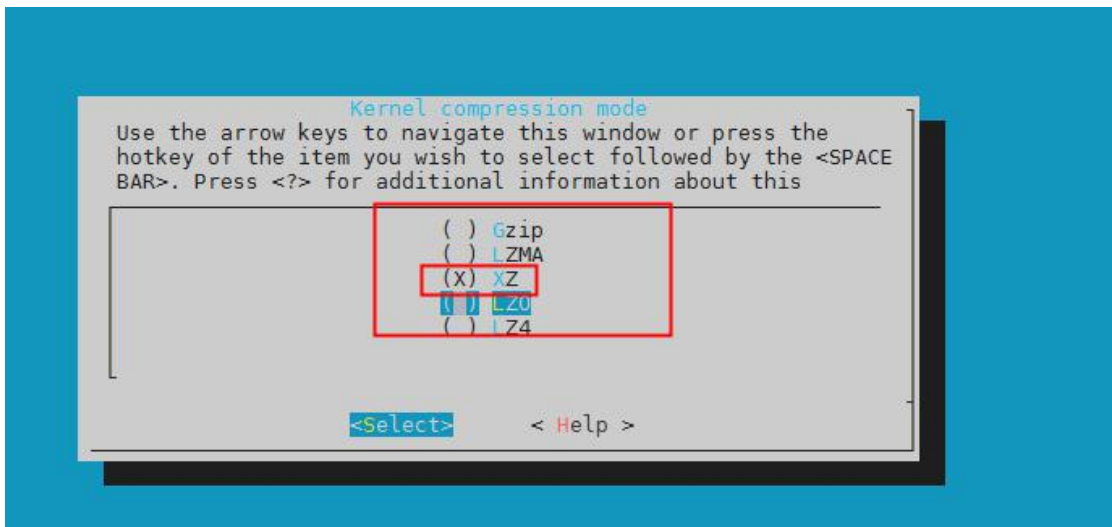
● 8M flash 方案: uboot 和 kernel 优化

- 1.use-xz-replace-gzip-to-reduce-kernel-zlmag
- 2.boot_package:remove sys_config.fex when pack.
- 内部实测: uboot 和 kernel 已缩小到 2M,请验证, 方法如下:

1. use-xz-replace-gzip-to-reduce-kernel-zlmag

```
config - Linux/arm 4.9.118 Kernel Configuration
> General setup
  Arrow keys navigate the menu. <Enter> selects submenus --- (or empty submenu ---). Highlighted letters are hotkeys. Pressing <Y> includes, <N> excludes, <M> mod
  to exit, <?> for Help, </> for Search. Legend: [*] built-in [ ] excluded <M> module < > module capable

  ( ) Cross-compiler tool prefix
  ( ) Compile also drivers which will not load
  ( ) Local version - append to kernel release
  ( ) Automatically append version information to the version string
  [*] Kernel compression mode (XZ) ---
  (none) default hostname
  [*] support for paging of anonymous memory (swap)
  [ ] System V IPC
  [ ] POSIX Message Queues
  [*] Enable process_vm_readv/writev syscalls
  [ ] open by fhandle syscalls
  [ ] uselib syscall
  [ ] Auditing support
  IRQ subsystem ---
  Timers subsystem ---
  CPU/Task time and stats accounting ---
```



2.boot_package:remove sys_config.fex when pack.

```
---
diff --git a/configs/default/boot_package.cfg b/configs/default/boot_package.cfg
index 73a0f26..810fb14 100644
--- a/configs/default/boot_package.cfg
+++ b/configs/default/boot_package.cfg
@@ -3,7 @@
;item=scp, scp.fex
;item=optee, optee.fex
;item=u-boot, u-boot.fex
-;item=soc-cfg, config.fex
+;item=soc-cfg, config.fex
;item=dtb, sunxi.fex
;item=logo, bootlogo.bmp.lzma
;item=shutdowncharge, bempty.bmp.lzma
diff --git a/configs/default/boot_package_nor.cfg b/configs/default/boot_package_nor.cfg
index 9b8b906..5ba8863 100644
--- a/configs/default/boot_package_nor.cfg
+++ b/configs/default/boot_package_nor.cfg
@@ -3,7 @@
;item=scp, scp.fex
;item=optee, optee.fex
;item=u-boot, u-boot-spinor.fex
-;item=soc-cfg, config.fex
+;item=soc-cfg, config.fex
;item=dtb, sunxi.fex
;item=logo, bootlogo.bmp.lzma
;item=shutdowncharge, bempty.bmp.lzma
---
```