How to add a prebuilt .ko

1. Step1: Make ko(Ex: abc.ko)
   Note: Prebuilt files should use the same toolchain with BOOT image.

2. Step2: Add ko
   # PREBUILT_KO_PATH = "./meta/meta-mediatek-aud/recipes-kernel/modules/files   \
                           /prebuilt-modules/lib/modules/4.4.22 "
   # PREBUILT_KO_PKG_PATH = "./meta/meta-mediatek-aud/recipes-kernel/modules/files"
   # PREBUILT_KO_CONF_PATH = "./meta/meta-mediatek-aud/recipes-kernel/modules/files   \
                           /prebuilt-modules/etc/modules-load.d "

   $ cp ./abc.ko ${PREBUILT_KO_PATH}   // put prebuilt ko into PREBUILT_KO_PATH.

3. Step3: Add ko start mode
   ➢ Ko auto start during bootup, add conf file that with ko name as it's content.
      $ cd ${PREBUILT_KO_CONF_PATH}
      $ touch abc.conf
      $ vim abc.conf   //write ko name(abc) into it, ko name is the content of abc.conf
      $:wq
   ➢ Ko start manually after bootup.
      Nothing to do here, please insmod ko manually.

4. Step4: Make tar ball
   $ cd ${PREBUILT_KO_PKG_PATH}
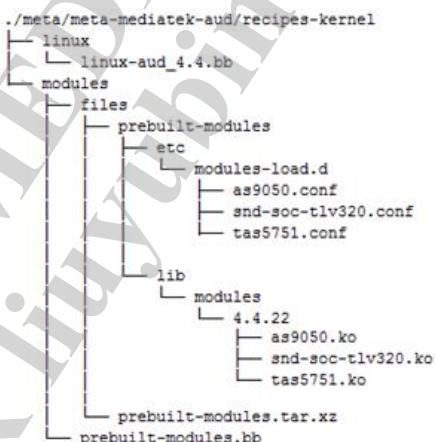   *$ rm prebuilt-modules.tar.xz*   // remove the old prebuilt tar ball.
   $ tar Jcvf prebuilt-modules.tar.xz   prebuilt-modules   //create a new one.

5. Compile
   $ bitbake prebuilt-modules –c cleansstate
   $ bitbake mtk-image-audio-8516

6. For example.

```
./meta/meta-mediatek-aud/recipes-kernel
├── linux
│   └── linux-aud_4.4.bb
└── modules
    ├── files
    │   ├── prebuilt-modules
    │   │   ├── etc
    │   │   │   └── modules-load.d
    │   │   │       ├── as9050.conf
    │   │   │       ├── snd-soc-tlv320.conf
    │   │   │       └── tas5751.conf
    │   │   └── lib
    │   │       └── modules
    │   │           └── 4.4.22
    │   │               ├── as9050.ko
    │   │               ├── snd-soc-tlv320.ko
    │   │               └── tas5751.ko
    │   └── prebuilt-modules.tar.xz
    └── prebuilt-modules.bb
```

```
DESCRIPTION="install prebuilt ko"
LICENSE="GPLv2"
inherit bin_package

PN='prebuilt-modules'
S="${WORKDIR}/${PN}"

SRC_URI=" \
    file://prebuilt-modules.tar.xz \
"

FILES_${PN}-dev=""
FILES_${PN} +="/lib/modules /etc/modules-load.d"
INHIBIT_PACKAGE_STRIP = "1"
```