

Setup environment from root directory:

**<SDK_INSTALL_PATH>\processor_sdk_rtos_am335x_x_xx_xx_xx
setupenv.bat**

Optional step: SDK contains prebuilt binaries for driver and CSL libraries so there is no need to rebuild the libraries but if you need to rebuild the libraries, you can do it using gmake utility using the following options.

gmake <target>_clean

gmake <target>

<target>: Refer to makefile in the `pd_k_am335x_x_x_x\packages`

*all csl board emac fvid2 gpio i2c mcasep mmcsd nimu pm profiling pruss sciclient spi uart udma
usb sbl sa osal can be used as <target>*

This can take a while to build. To limit the build to A53 core, use the additional arguments as
gmake <target> LIMIT_BOARDS=am335x_evm LIMIT_CORES=mpu1_0 <ARGUMENTS>

| ARGUMENTS | Options | Description |
|-----------------------------|---|--|
| LIMIT_BOARDS | bbbAM335x, evmAM335x, icev2AM335x,iceAMIC110 | Supported evaluation platform |
| LIMIT_SOC | am335x | Supported SOC options |
| LIMIT_CORES | mcu1_0, mpu1_0 | Support for different cores |
| DISABLE_RECURSE_DEPS | yes, no | Disable for building dependencies |
| BUILD_PROFILE | release, debug | Build profile |

To apply the options globally, set the environment variables:

set LIMIT_BOARDS=am335x_evm

set LIMIT_SOC=am335x

set DISABLE_RECURSE_DEPS=yes

set BUILD_PROFILE=release