How to build the "vanilla" linux kernel for Debian distribution

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# install necessary packages:
sudo apt-get install libncurses-dev fakeroot wget bzip2 build-essential libelf-dev
mkdir linux kernel build
cd linux kernel build
# visit <a href="https://www.kernel.org">https://www.kernel.org</a> and choose the release to build; for example, I chose the latest stable.
# download linux kernel source tarball
waet https://cdn.kernel.org/pub/linux/kernel/v5.x/linux-5.14.11.tar.xz
# uncompress source code
tar xf linux-5.14.11.tar.xz
cd linux-5.14.11
make clean && make mrproper
# copy current kernel configuration; search for your current configuration in /boot/ directory
cp/boot/config-5.14.0-2xyz-amd64.config
# open the configuration file (.config) with kernel configuration menu
make menuconfig
# IMPORTANT: save it with <save> command, then <exit>
# this operation updates the configuration file with all the latest options
# clean up
make clean
# find out how many processors your system has:
getconf NPROCESSORS ONLN
16
# start build of kernel; tell make to use 16 processors, to accelerate build
fakeroot make deb-pkg -i 16
#result:
$ls -la
                              4096 Oct 10 12:43 linux-5.14.11
drwxr-xr-x 27 marco marco
-rw-r--r-- 1 marco marco 120700220 Oct 9 15:14 linux-5.14.11.tar.xz
-rw-r--r-- 1 marco marco 8247384 Oct 10 12:43 linux-headers-5.14.11-mt 5.14.11-mt-1 amd64.deb
-rw-r--r-- 1 marco marco 56589000 Oct 10 12:44 linux-image-5.14.11-mt 5.14.11-mt-1 amd64.deb
-rw-r--r-- 1 marco marco 794396004 Oct 10 12:47 linux-image-5.14.11-mt-dbg 5.14.11-mt-
1 amd64.deb
-rw-r--r-- 1 marco marco 1184480 Oct 10 12:43 linux-libc-dev 5.14.11-mt-1 amd64.deb
#install the new linux kernel image and header:
sudo dpkg -i linux-headers-5.14.11-mt 5.14.11-mt-1 amd64.deb
sudo dpkg -i linux-image-5.14.11-mt 5.14.11-mt-1 amd64.deb
```

see also:

https://kernel-team.pages.debian.net/kernel-handbook/ch-common-tasks.html#s-common-building