```
Makefile
(various)  ┄┄┄>

                    arch/x86/*.c          kernel/*.c          Other sources
                    arch/x86/*.S

Headers (*.h)
Includes outputs
from Configuration      GNU cc        *.h ┄>  GNU cc       *.h ┄>  GNU cc
Phase and Build     ┄> (cpp, cc1, as)       (cpp, cc1, as)       (cpp, cc1, as)
Stage
(e.g., autoconf.h,
syscall_list.h)

                    arch/x86/*.c.obj      kernel/*.c.obj       Other *.obj files
                    arch/x86/*.S.obj

                        GNU cc               GNU cc               GNU cc
                     (cpp, cc1, as)       (cpp, cc1, as)       (cpp, cc1, as)

                    arch__x86__core.a     libkernel.a          Other archives

        scripts/build/gen_app
         _partitions.py

        app_smem_unaligned
        linker files
```