Linux kernel在启动时,memory manager经历了由简单到复杂，并由后代完全取代前代的过程。

1. memblock_reserve allocator

2. bootmem allocator

3. buddy and slab work

Gr2 /Gs2的Linux Support Package中没有enable bootmem allocator。

CONFIG_NO_BOOTMEM=y

所以使用mm/nobootmem.c

与memblock相关config value

CONFIG_HAVE_MEMBLOCK=y

CONFIG_MEMBLOCK_NODE_MAP is not set

CONFIG_MEMBLOCK_PHYS_MAP is not set

CONFIG_ARCH_DISCARD_MEMBLOCK is not set

in mm/memblock.c

obj-$(CONFIG_HAVE_MEMBLOCK) += memblock.o