Memory management bits in arch/*

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There is a lot of similar and duplicated code in architecture specific bits of memory management.

For instance, most architectures have

```c
#define PGALLOC_GFP (GFP_KERNEL | __GFP_ZERO)
```

for allocating page table pages and many of them use similar, if not identical, implementation of pte_alloc_one().

But that’s only the tip of the iceberg.

There are several early_alloc() or similarly called routines that do

```c
if (slab_is_available())
    return kzalloc();
else
    return memblock_alloc();
```

Some other trivial examples are free_initmem(), free_initrd_mem() which were nearly identical across many architectures until very recently.

More complex cases are per-cpu initialization, passing of memory topology to the generic MM, reservation of crash kernel, mmap of vdso etc. They are not really duplicated, but still are very similar in at least several architectures.

While factoring out the common code is an obvious step to take, I believe there is also room for refining arch <-> mm interface to avoid adding extra HAVE_ARCH_NO_BOOTMEM_WHAT_NOT and then searching for the ways to get rid of them.

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