

```
page_pde_offset = (__PAGE_OFFSET >> 20);
```

```
    movl $(pg0 - __PAGE_OFFSET), %edi  
    movl $(swapper_pg_dir - __PAGE_OFFSET), %edx  
    movl $0x007, %eax                /* 0x007 = PRESENT+RW+USER */
```

10:

```
    leal 0x007(%edi), %ecx           /* Create PDE entry */  
    movl %ecx, (%edx)               /* Store identity PDE entry */  
    movl %ecx, page_pde_offset(%edx) /* Store kernel PDE entry */  
    addl $4, %edx  
    movl $1024, %ecx
```

11:

```
    stosl  
    addl $0x1000, %eax  
    loop 11b  
    /* End condition: we must map up to and including INIT_MAP_BEYOND_END */  
    /* bytes beyond the end of our own page tables; the +0x007 is the attribute bits */  
    leal (INIT_MAP_BEYOND_END+0x007)(%edi), %ebp  
    cmpl %ebp, %eax  
    jnb 10b  
    movl %edi, (init_pg_tables_end - __PAGE_OFFSET)
```