

```
// 8 byte segment descriptor
```

```
struct desc_struct {  
    u16 limit0;  
    u16 base0;  
    unsigned base1 : 8, type : 4, s : 1, dpl : 2, p : 1;  
    unsigned limit : 4, avl : 1, l : 1, d : 1, g : 1, base2 : 8;  
} __attribute__((packed));
```