

```
struct desc_struct {
    union {
        struct {
            unsigned int a;
            unsigned int b;
        };
        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));
```