

```

#define EI_NIDENT      16

typedef struct {
    16 unsigned char    e_ident[EI_NIDENT];
    10 16 2 Elf32_Half  e_type;
    12 18 2 Elf32_Half  e_machine;
    14 22 4 Elf32_Word   e_version;
    18 26 4 Elf32_Addr   e_entry;
    1C 30 4 Elf32_Off    e_phoff;
    20 34 4 Elf32_Off    e_shoff;
    24 38 4 Elf32_Word   e_flags;
    28 40 2 Elf32_Half   e_ehsize;
    2A 42 2 Elf32_Half   e_phentsize;
    2C 44 2 Elf32_Half   e_phnum;
    2E 46 2 Elf32_Half   e_shentsize;
    30 48 2 Elf32_Half   e_shnum;
    32 50 2 Elf32_Half   e_shstrndx;
} Elf32_Ehdr;

```