

Offset	Size	Name	Description
00h	WORD	ne_magic	Signature word NEMAGIC

On-disk segment entry struct new_seg { WORD ns_sector; / Logical-sector offset (n byte) to the contents of the segment data, relative to the beginning of the file. Zero means no file data */ WORD ns_cbseg; /* Length of the segment in the file, in bytes. Zero means 64K */ WORD ns_flags; /* Flag word */ WORD ns_minalloc; /* Minimum allocation size of the segment, in bytes. Total size of the segment. Zero means 64K */ }; In-memory segment entry struct new_seg1 {*

```

    WORD    ns1_sector;          /* Logical-sector offset (n byte) to the
contents of the segment          data, relative to the beginning of the
                                file. Zero means no
                                file data */
    WORD    ns1_cbseg;          /* Length of the segment in the file, in
bytes. Zero means 64K */
    WORD    ns1_flags;          /* Flag word */
    WORD    ns1_minalloc;       /* Minimum allocation size of the
segment, in bytes. Total size    of the segment. Zero means 64K */
    WORD    ns1_handle;         /* Selector or handle (selector - 1) of
segment in memory */

```

```
};
```

```
struct new_segdata {
```

```

    union {
        struct {
            WORD    ns_niter;
            WORD    ns_nbytes;
            char     ns_iterdata;
        } ns_iter;
        struct {
            char     ns_data;
        } ns_noniter;
    } ns_union;

```

```
};
```

```
struct new_rlcinfo {
```

```
    WORD    nr_nreloc;
```

```
};
```

```
struct new_rlc {
```

```

    char     nr_stype;
    char     nr_flags;
    WORD     nr_soff;

```

```
union {
    struct {
        char        nr_segno;
        char        nr_res;
        WORD  nr_entry;
    } nr_intref;
    struct {
        WORD  nr_mod;
        WORD  nr_proc;
    } nr_import;
    struct {
        WORD  nr_ostype;
        WORD  nr_osres;
    } nr_osfix;
} nr_union;
```

```
};
```

```
#define NR_STYPE(x) (x).nr_stype #define NR_FLAGS(x) (x).nr_flags #define NR_SOFF(x) (x).nr_soff
#define NR_SEGNO(x) (x).nr_union.nr_intref.nr_segno #define NR_RES(x) (x).nr_union.nr_intref.nr_res
#define NR_ENTRY(x) (x).nr_union.nr_intref.nr_entry #define NR_MOD(x)
(x).nr_union.nr_import.nr_mod #define NR_PROC(x) (x).nr_union.nr_import.nr_proc #define
NR_OSTYPE(x) (x).nr_union.nr_osfix.nr_ostype #define NR_OSRES(x) (x).nr_union.nr_osfix.nr_osres
```

```
#define NRSTYP 0x0f #define NRSBYT 0x00 #define NRSSEG 0x02 #define NRSPTR 0x03 #define
NRSOFF 0x05 #define NRPTR48 0x06 #define NROFF32 0x07 #define NRSOFF32 0x08
```

```
#define NRADD 0x04 #define NRRTYP 0x03 #define NRRINT 0x00 #define NRRORD 0x01 #define
NRRNAM 0x02 #define NRROSF 0x03 #define NRICHAIN 0x08
```

```
#if (EXE386 == 0)
```

```
#define RS_LEN(x) (x).rs_len #define RS_STRING(x) (x).rs_string #define RS_ALIGN(x) (x).rs_align
```

```
#define RT_ID(x) (x).rt_id #define RT_NRES(x) (x).rt_nres #define RT_PROC(x) (x).rt_proc
```

```
#define RN_OFFSET(x) (x).rn_offset #define RN_LENGTH(x) (x).rn_length #define RN_FLAGS(x)
(x).rn_flags #define RN_ID(x) (x).rn_id #define RN_HANDLE(x) (x).rn_handle #define RN_USAGE(x)
(x).rn_usage
```

```
#define RSORDID 0x8000
```

```
#define RNMOVE 0x0010 #define RNPURE 0x0020 #define RNPRELOAD 0x0040 #define RNDISCARD
0xF000
```

```
#define NE_FFLAGS_LIBMODULE 0x8000
```

```
struct rsrc_string {
```

```
    char    rs_len;
    char    rs_string[1];
```

```
};
```

```
struct rsrc_typeinfo {
```

```
    WORD    rt_id;  
    WORD    rt_nres;  
    DWORD           rt_proc;
```

```
};
```

```
struct rsrc_nameinfo {
```

```
    WORD    rn_offset;  
    WORD    rn_length;  
    WORD    rn_flags;  
    WORD    rn_id;  
    WORD    rn_handle;  
    WORD    rn_usage;
```

```
};
```

```
struct new_rsrc {
```

```
    WORD            rs_align;  
    struct rsrc_typeinfo    rs_typeinfo;
```

```
};
```

```
#endif
```

```
#pragma pack(pop)
```

```
#ifdef __cplusplus } /* extern "C" */ #endif
```

```
#endif
```

From:

<http://cocorico.osfree.org/doku/> - **osFree wiki**

Permanent link:

<http://cocorico.osfree.org/doku/doku.php?id=en:docs:tk:formats:newexe&rev=1727008179>

Last update: **2024/09/22 12:29**

