

Offset	Size	Name	Description
00h	WORD	ne_magic	Signature word NEMAGIC

On-disk segment entry

Offset	Size	Name	Description
00h	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
02h	WORD	ns_cbseg	Length of the segment in the file, in bytes. Zero means 64K
04h	WORD	ns_flags	Flag word
06h	WORD	ns_minalloc	Minimum allocation size of the segment, in bytes. Total size of the segment. Zero means 64K

In-memory segment entry

Offset	Size	Name	Description
00h	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
02h	WORD	ns1_cbseg	Length of the segment in the file, in bytes. Zero means 64K
04h	WORD	ns1_flags	Flag word
06h	WORD	ns1_minalloc	Minimum allocation size of the segment, in bytes. Total size of the segment. Zero means 64K
08h	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_rlinfo {

```
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;
```

```
};
```

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