

**NAME**

elf32\_getchdr, elf64\_getchdr – retrieve the compression header for a section from a 32-bit or 64-bit ELF object file.

**SYNOPSIS**

```
#include <libelf.h>
```

```
Elf32_Chdr *elf32_getchdr(Elf_Scn *scn);  
Elf64_Chdr *elf64_getchdr(Elf_Scn *scn);
```

**DESCRIPTION**

Retrieve the compression header for a section with compressed data. Sections with compressed data are indicated with the **SHF\_COMPRESSED** flag. See **libelf(3)** for more information regarding the compression header.

**PARAMETERS**

*scn* Section whose compression header will be retrieved. The section's **SHF\_COMPRESSED** flag must be set.

**RETURN VALUE**

On success, return a pointer to the compression header. On failure, return NULL and set a libelf error code.

**SEE ALSO**

**elf\_compress(3)**, **elf\_errno(3)**, **libelf(3)**, **elf(5)**

**ATTRIBUTES**

For an explanation of the terms used in this section, see **attributes(7)**.

| Interface                        | Attribute     | Value   |
|----------------------------------|---------------|---------|
| elf32_getchdr(), elf64_getchdr() | Thread safety | MT-Safe |

**REPORTING BUGS**

Report bugs to <elfutils-devel@sourceware.org> or <https://sourceware.org/bugzilla/>.

**HISTORY**

**elf32\_getchdr** first appeared in elfutils 0.165.