

NAME

`elf_rand` - Set the offset for the next archive member in an ELF file.

SYNOPSIS

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

```
size_t elf_rand(Elf *elf, size_t offset);
```

DESCRIPTION

The `elf_rand()` function sets the current archive member offset for the ELF archive descriptor *elf* to *offset*.

This function is only valid when *elf* refers to an archive descriptor (i.e., its kind is **ELF_K_AR**).

Archive member offsets can be acquired from the *Elf_Arsym* array returned by `elf_getarsym(3)`.

If the archive header at the given offset cannot be parsed or validated, then 0 is returned.

PARAMETERS

elf A pointer to an ELF archive descriptor.

offset A byte offset to the archive header, indicating the desired member position.

RETURN VALUE

Returns the input *offset* if successful. Returns 0 if *elf* is NULL, is not an archive descriptor, or if an error occurs while reading the member at *offset*.

SEE ALSO

`elf_getarsym(3)`, `elf_next(3)`, `libelf(3)`, `elf(5)`

ATTRIBUTES

Interface	Attribute	Value
<code>elf_rand()</code>	Thread safety	MT-Safe

REPORTING BUGS

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