NAME

elf_hash - compute a hash value for a string

LIBRARY

ELF Access Library (libelf, -lelf)

SYNOPSIS

#include <libelf.h>

unsigned long
elf_hash(*const char *name*);

DESCRIPTION

Function **elf_hash**() computes a portable hash value for the null terminated string pointed to by argument *name*.

The hash value returned is will be identical across machines of different architectures. This allows hash tables to be built on one machine and correctly used on another of a different architecture. The hash value returned is also guaranteed *not* to be the bit pattern of all ones (~0UL).

IMPLEMENTATION NOTES

The library internally uses unsigned 32 bit arithmetic to compute the hash value.

SEE ALSO

elf(3), gelf(3)