NAME
  malloc, **free**, **realloc**, **calloc**, **alloca**, **mmap** - general memory allocation operations

LIBRARY
  Standard C Library (libc, -lc)

SYNOPSIS
  #include <stdlib.h>

  void *
  malloc(*size_t size*);

  void
  free(*void *ptr*);

  void *
  realloc(*void *ptr*, *size_t size*);

  void *
  calloc(*size_t nelem*, *size_t elsize*);

  void *
  alloca(*size_t size*);

  #include <sys/types.h>
  #include <sys/mman.h>

  void *
  mmap(*void * addr*, *size_t len*, *int prot*, *int flags*, *int fd*, *off_t offset*);

DESCRIPTION
  These functions allocate and free memory for the calling process. They are described in the individual
  manual pages.

SEE ALSO
  mmap(2), alloca(3), calloc(3), free(3), malloc(3), realloc(3)

STANDARDS
  These functions, with the exception of **alloca**() and **mmap**() conform to ISO/IEC 9899:1990
  ("ISO C90").