NAME

ares_expand_string – Expand a length encoded string

SYNOPSIS

#include <ares.h>

int ares_expand_string(const unsigned char **encoded***,
const unsigned char ****abuf***, int** *alen***, unsigned char *****s***,
        long ****enclen***)**

DESCRIPTION

The **ares_expand_string** function converts a length encoded string to a NUL-terminated C string. The argument *encoded* gives the beginning of the encoded string, and the arguments *abuf* and *alen* give the containing message buffer (necessary for the processing of indirection pointers within the encoded domain name). The result is placed in a NUL-terminated allocated buffer, a pointer to which is stored in the variable pointed to by *s*. The length of the encoded string is stored in the variable pointed to by *enclen* so that the caller can advance past the encoded string to read further data in the message.

RETURN VALUES

ares_expand_string can return any of the following values:

ARES_SUCCESS

Expansion of the encoded string succeeded.

ARES_EBADSTR

The encoded string was malformed and could not be expanded.

ARES_ENOMEM

Memory was exhausted.

SEE ALSO

ares_free_string(3)

AUTHOR

Dominick Meglio