NAME

ares_mkquery − Compose a single-question DNS query buffer

SYNOPSIS

#include <ares.h>

int ares_mkquery(const char ****name*, int** *dnsclass***, int** *type***,**
unsigned short *id***, int** *rd***, unsigned char *****buf***,**
int ****buflen*)**

DESCRIPTION

Deprecated function. See *ares_create_query(3)* instead!

The **ares_mkquery** function composes a DNS query with a single question. The parameter *name* gives the query name as a NUL-terminated C string of period-separated labels optionally ending with a period; periods and backslashes within a label must be escaped with a backlash. The parameters *dnsclass* and *type* give the class and type of the query using the values defined in **<arpa/nameser.h>**. The parameter *id* gives a 16-bit identifier for the query. The parameter *rd* should be nonzero if recursion is desired, zero if not. The query will be placed in an allocated buffer, a pointer to which will be stored in the variable pointed to by *buf* , and the length of which will be stored in the variable pointed to by *buflen*. It is the caller's responsibility to free this buffer using *ares_free_string(3)* when it is no longer needed.

Usage of *ares_mkquery(3)* is deprecated, whereas the function is equivalent to *ares_create_query(3)* with **max_udp_size** set to 0.

RETURN VALUES

ares_mkquery can return any of the following values:

ARES_SUCCESS
Construction of the DNS query succeeded.

ARES_EBADNAME
The query name *name* could not be encoded as a domain name, either because it contained a zero-length label or because it contained a label of more than 63 characters.

ARES_ENOMEM
Memory was exhausted.

SEE ALSO

ares_expand_name(3), **ares_free_string**(3)

AUTHOR

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