NAME

ares_parse_ptr_reply − Parse a reply to a DNS query of type PTR into a hostent

SYNOPSIS

#include <ares.h>

int ares_parse_ptr_reply(const unsigned char **abuf***, int** *alen***,**
     const void **addr***, int** *addrlen***, int** *family***,**
struct hostent ***host***);**

DESCRIPTION

The **ares_parse_ptr_reply** function parses the response to a query of type PTR into a **struct hostent**. The parameters *abuf* and *alen* give the contents of the response. The parameters *addr*, *addrlen*, and *family* specify which address was queried for; they are not used to verify the response, merely used to fill in the address of the **struct hostent**. The resulting **struct hostent** is stored in allocated memory and a pointer to it stored into the variable pointed to by *host*. It is the caller's responsibility to free the resulting host structure using **ares_free_hostent**(3) when it is no longer needed.

RETURN VALUES

ares_parse_ptr_reply can return any of the following values:

ARES_SUCCESS
     The response was successfully parsed.

ARES_EBADRESP
     The response was malformatted.

ARES_ENODATA
     The response did not contain an answer to the query.

ARES_ENOMEM
     Memory was exhausted.

SEE ALSO

ares_gethostbyaddr(3), **ares_free_hostent**(3)

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