NAME

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

SYNOPSIS

#include <ares.h>

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)

AUTHOR

Greg Hudson, MIT Information Systems Copyright 1998 by the Massachusetts Institute of Technology.