NAME

ares_parse_txt_reply – Parse a reply to a DNS query of type TXT

SYNOPSIS

#include <ares.h>

int ares_parse_txt_reply(const unsigned char* *abuf***, int** *alen***,**
struct ares_txt_reply ***txt_out***);**

DESCRIPTION

The **ares_parse_txt_reply** function parses the response to a query of type TXT into a linked list (one element per sub-string) of *struct ares_txt_reply* The parameters *abuf* and *alen* give the contents of the response. The result is stored in allocated memory and a pointer to it stored into the variable pointed to by *txt_out*. It is the caller's responsibility to free the resulting *txt_out* structure when it is no longer needed using the function **ares_free_data**

The structure *ares_txt_reply* contains the following fields:

```
struct ares_txt_reply {
  struct ares_txt_reply  *next;
  unsigned int  length;
  unsigned char *txt;
};
```

RETURN VALUES

ares_parse_txt_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.

AVAILABILITY

This function was first introduced in c-ares version 1.7.0.

SEE ALSO

ares_query(3) **ares_free_data**(3)

AUTHOR

Written by Jakub Hrozek <jhrozek@redhat.com>, on behalf of Red Hat, Inc http://www.redhat.com