NAME

ares_set_sortlist – Initialize an ares_channel sortlist configuration

SYNOPSIS

#include <ares.h>

int ares_set_sortlist(ares_channel *channel***, const char ****sortstr***)**

DESCRIPTION

The **ares_set_sortlist(3)** function initializes an address sortlist configuration for the channel data identified by *channel*, so that addresses returned by **ares_gethostbyname(3)** are sorted according to the sortlist. The provided *sortstr* string that holds a space separated list of IP-address-netmask pairs. The netmask is optional but follows the address after a slash if present. For example, "130.155.160.0/255.255.240.0 130.155.0.0".

This function replaces any potentially previously configured address sortlist with the ones given in the configuration string.

RETURN VALUES

ares_set_sortlist(3) may return any of the following values:

ARES_SUCCESS
> The sortlist configuration was successfuly initialized.

ARES_ENOMEM
> The process's available memory was exhausted.

ARES_ENODATA
> The channel data identified by *channel* was invalid.

ARES_ENOTINITIALIZED
> c-ares library initialization not yet performed.

SEE ALSO

ares_init_options(3), **ares_dup(3)**

AVAILABILITY

ares_set_sortlist(3) was added in c-ares 1.11.0