

NAME

`ares_set_local_dev` – Bind to a specific network device when creating sockets.

SYNOPSIS

```
#include <ares.h>
```

```
void ares_set_local_dev(ares_channel_t *channel, const char* local_dev_name)
```

DESCRIPTION

The **`ares_set_local_dev`** function causes all future sockets to be bound to this device with `SO_BINDTODEVICE`. This forces communications to go over a certain interface, which can be useful on multi-homed machines. This option is only supported on Linux, the interface must not be already bound to the socket or the current effective user must have `CAP_NET_RAW` capability in the current network namespace for the option to work. If `SO_BINDTODEVICE` is not supported or the `setsockopt` call fails (probably because of permissions), the error is silently ignored.

SEE ALSO

`ares_set_local_ip4`(3) **`ares_set_local_ip6`**(3) **`network_namespaces`**(7)

NOTES

This function was added in c-ares 1.7.4