

**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 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, and root privileges are required 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_ipv4(3)` `ares_set_local_ipv6(3)`

**NOTES**

This function was added in c-ares 1.7.4

**AUTHOR**

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