

NAME

`ares_timeout` – return maximum time to wait

SYNOPSIS

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

```
struct timeval *ares_timeout(ares_channel channel,  
                             struct timeval *maxtv,  
                             struct timeval *tv)
```

DESCRIPTION

The **ares_timeout(3)** function determines the maximum time for which the caller should wait before invoking `ares_process(3)` to process timeouts. The parameter `maxtv` specifies a existing maximum timeout, or **NULL** if the caller does not wish to apply a maximum timeout. The parameter `tv` must point to a writable buffer of type **struct timeval**. It is valid for `maxtv` and `tv` to have the same value.

If no queries have timeouts pending sooner than the given maximum timeout, **ares_timeout(3)** returns the value of `maxtv`; otherwise **ares_timeout(3)** stores the appropriate timeout value into the buffer pointed to by `tv` and returns the value of `tv`.

SEE ALSO

ares_fds(3), **ares_process(3)**, **ares_process_fd(3)**

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