

NAME

ares_timeout – return maximum time to wait

SYNOPSIS

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

```
struct timeval *ares_timeout(const ares_channel_t *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)**