

**NAME**

ares\_cancel – Cancel a resolve

**SYNOPSIS**

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

```
void ares_cancel(ares_channel channel)
```

**DESCRIPTION**

The **ares\_cancel** function cancels all lookups/requests made on the the name service channel identified by *channel*. **ares\_cancel** invokes the callbacks for each pending query on the channel, passing a status of **ARES\_ECANCELLED**. These calls give the callbacks a chance to clean up any state which might have been stored in their arguments. If such a callback invocation adds a new request to the channel, that request will *not* be cancelled by the current invocation of **ares\_cancel**.

**SEE ALSO**

**ares\_init(3)** **ares\_destroy(3)**

**NOTES**

This function was added in c-ares 1.2.0

c-ares 1.6.0 and earlier pass a status of **ARES\_ETIMEOUT** instead of **ARES\_ECANCELLED**.

**AUTHOR**

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