NAME

ibv_resize_cq – resize a completion queue (CQ)

SYNOPSIS

```
#include <infiniband/verbs.h>

int ibv_resize_cq(struct ibv_cq *cq, int cqe);
```

DESCRIPTION

ibv_resize_cq() resizes the completion queue (CQ) *cq* to have at least *cqe* entries. *cqe* must be at least the number of unpolled entries in the CQ *cq*. If *cqe* is a valid value less than the current CQ size, **ibv_resize_cq()** may not do anything, since this function is only guaranteed to resize the CQ to a size at least as big as the requested size.

RETURN VALUE

ibv_resize_cq() returns 0 on success, or the value of errno on failure (which indicates the failure reason).

NOTES

ibv_resize_cq() may assign a CQ size greater than or equal to the requested size. The cqe member of *cq* will be updated to the actual size.

SEE ALSO

ibv_create_cq(3), **ibv_destroy_cq**(3)

AUTHOR

Dotan Barak <dotanba@gmail.com>