

NAME

`ibv_modify_cq` – modify a completion queue (CQ)

SYNOPSIS

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

```
int ibv_modify_cq(struct ibv_cq *cq, struct ibv_modify_cq_attr *cq_attr);
```

DESCRIPTION

ibv_modify_cq() modify a CQ *cq*. The argument *cq_attr* is an `ibv_modify_cq_attr` struct, as defined in `<infiniband/verbs.h>`.

```
struct ibv_moderate_cq {
    uint16_t cq_count; /* number of completions per event */
    uint16_t cq_period; /* in micro seconds */
};
```

```
struct ibv_modify_cq_attr {
    uint32_t attr_mask;
    struct ibv_moderate_cq moderate;
};
```

The function **ibv_modify_cq()** will modify the CQ, based on the given *cq_attr->attr_mask*

RETURN VALUE

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

SEE ALSO

ibv_create_cq(3)

AUTHORS

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