NAME

ibv_query_srq − get the attributes of a shared receive queue (SRQ)

SYNOPSIS

#include <infiniband/verbs.h>

int ibv_query_srq(struct ibv_srq *_srq_**, struct ibv_srq_attr** *_srq_attr_**);**

DESCRIPTION

ibv_query_srq() gets the attributes of the SRQ *srq* and returns them through the pointer *srq_attr*. The argument *srq_attr* is an ibv_srq_attr struct, as defined in <infiniband/verbs.h>.

```
struct ibv_srq_attr {
        uint32_t        max_wr;     /* maximum number of outstanding work requests (WRs) in the SRQ
        uint32_t        max_sge;    /* maximum number of scatter elements per WR */
        uint32_t        srq_limit;  /* the limit value of the SRQ */
};
```

RETURN VALUE

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

NOTES

If the value returned for srq_limit is 0, then the SRQ limit reached ("low watermark") event is not (or no longer) armed, and no asynchronous events will be generated until the event is rearmed.

SEE ALSO

ibv_create_srq(3), **ibv_destroy_srq**(3), **ibv_modify_srq**(3)

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