

**NAME**

`ibv_query_gid` – query an InfiniBand port's GID table

**SYNOPSIS**

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

int ibv_query_gid(struct ibv_context *context,
                  uint8_t port_num,
                  int index,
                  union ibv_gid *gid);
```

**DESCRIPTION**

**ibv\_query\_gid()** returns the GID value in entry *index* of port *port\_num* for device context *context* through the pointer *gid*.

**RETURN VALUE**

**ibv\_query\_gid()** returns 0 on success, and -1 on error.

**SEE ALSO**

**ibv\_open\_device(3)**, **ibv\_query\_device(3)**, **ibv\_query\_pkey(3)**, **ibv\_query\_port(3)**

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