NAME

ibv_rate_to_mbps − convert IB rate enumeration to Mbit/sec

mbps_to_ibv_rate − convert Mbit/sec to an IB rate enumeration

SYNOPSIS

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

int ibv_rate_to_mbps(enum ibv_rate rate);

enum ibv_rate mbps_to_ibv_rate(int mbps);
```

DESCRIPTION

ibv_rate_to_mbps() converts the IB transmission rate enumeration *rate* to a number of Mbit/sec. For example, if *rate* is **IBV_RATE_5_GBPS**, the value 5000 will be returned (5 Gbit/sec = 5000 Mbit/sec).

mbps_to_ibv_rate() converts the number of Mbit/sec *mult* to an IB transmission rate enumeration. For example, if *mult* is 5000, the rate enumeration **IBV_RATE_5_GBPS** will be returned.

RETURN VALUE

ibv_rate_to_mbps() returns the number of Mbit/sec.

mbps_to_ibv_rate() returns the enumeration representing the IB transmission rate.

SEE ALSO

ibv_query_port(3)

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