NAME

      ibv_alloc_pd, ibv_dealloc_pd − allocate or deallocate a protection domain (PDs)

SYNOPSIS

      #include <infiniband/verbs.h>

      struct ibv_pd *ibv_alloc_pd(struct ibv_context *context***);**

      int ibv_dealloc_pd(struct ibv_pd *pd***);**

DESCRIPTION

      ibv_alloc_pd() allocates a PD for the RDMA device context *context*.

      ibv_dealloc_pd() deallocates the PD *pd*.

RETURN VALUE

      ibv_alloc_pd() returns a pointer to the allocated PD, or NULL if the request fails.

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

NOTES

      ibv_dealloc_pd() may fail if any other resource is still associated with the PD being freed.

SEE ALSO

      ibv_reg_mr(3), **ibv_create_srq**(3), **ibv_create_qp**(3), **ibv_create_ah**(3), **ibv_create_ah_from_wc**(3)

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