NAME
       mlx4dv_query_device − Query device capabilities specific to mlx4

SYNOPSIS
       #include <infiniband/mlx4dv.h>

       int mlx4dv_query_device(struct ibv_context *ctx_in,
              struct mlx4dv_context *attrs_out);

DESCRIPTION
       mlx4dv_query_device() Query mlx4 specific device information that is usable via the direct verbs inter-
       face.

       This function returns a version and compatibility mask. The version represents the format of the internal
       hardware structures that mlx4dv.h exposes. Future additions of new fields to the existing structures are han-
       dled by the comp_mask field.

       struct mlx4dv_context {
                     uint8_t   version;
                     uint32_t   max_inl_recv_sz; /* Maximum supported size of inline receive */
                     uint64_t   comp_mask;
       };

RETURN VALUE
       0 on success or the value of errno on failure (which indicates the failure reason).

NOTES
        * Compatibility mask (comp_mask) is an in/out field.

SEE ALSO
       mlx4dv(7), **ibv_query_device**(3)

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