

mlx5dv_create_flow_action_modify_header(3)

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NAME

mlx5dv_create_flow_action_modify_header – Flow action modify header for mlx5 provider

SYNOPSIS

```
#include <infiniband/mlx5dv.h>

struct ibv_flow_action *
mlx5dv_create_flow_action_modify_header(struct ibv_context *ctx,
                                       size_t actions_sz,
                                       uint64_t actions[],
                                       enum mlx5dv_flow_table_type ft_type)
```

DESCRIPTION

Create a modify header flow steering action, it allows mutating a packet header.

ARGUMENTS

ctx RDMA device context to create the action on.

actions_sz
The size of *actions* buffer in bytes.

actions A buffer which contains modify actions provided in device spec format (i.e. be64).

ft_type Defines the flow table type to which the modify header action will be attached.

MLX5DV_FLOW_TABLE_TYPE_NIC_RX: RX FLOW TABLE

MLX5DV_FLOW_TABLE_TYPE_NIC_TX: TX FLOW TABLE

RETURN VALUE

Upon success *mlx5dv_create_flow_action_modify_header* will return a new *struct ibv_flow_action* object, on error NULL will be returned and *errno* will be set.

SEE ALSO

ibv_create_flow(3), *ibv_create_flow_action(3)*