

**NAME**

`ibv_inc_rkey` - creates a new rkey from the given one

**SYNOPSIS**

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

```
uint32_t ibv_inc_rkey(uint32_t rkey);
```

**DESCRIPTION**

`ibv_inc_rkey()` Increases the 8 LSB of *rkey* and returns the new value.

**RETURN VALUE**

`ibv_inc_rkey()` returns the new rkey.

**NOTES**

The verb generates a new rkey that is different from the previous one on its tag part but has the same index (bits 0xfffff00). A use case for this verb can be to create a new rkey from a Memory window's rkey when binding it to a Memory region.

**AUTHORS**

Majd Dibbiny <majd@mellanox.com>

Yishai Hadas <yishaih@mellanox.com>