

V4L2 munmap()

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\v4l\ (linux-master) (Documentation) (userspace-api) (media) (v4l) func-munmap.rst, line 2)

Unknown directive type "c.namespace".

.. c:namespace:: V4L

Name

v4l2-munmap - Unmap device memory

Synopsis

```
#include <unistd.h>
#include <sys/mman.h>
```

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.. c:function:: int munmap(void *start, size_t length)

Arguments

start

Address of the mapped buffer as returned by the `:c:func:`mmap()`` function.

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length

Length of the mapped buffer. This must be the same value as given to `:c:func:`mmap()`` and returned by the driver in the struct `:c:type:`v4l2_buffer`` `length` field for the single-planar API and in the struct `:c:type:`v4l2_plane`` `length` field for the multi-planar API.

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Description

Unmaps a previously with the `c:func:`mmap()'` function mapped buffer and frees it, if possible.

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Return Value

On success `c:func:`munmap()'` returns 0, on failure -1 and the `errno` variable is set appropriately:

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`EINVAL`

The `start` or `length` is incorrect, or no buffers have been mapped yet.