

**NAME**

**umass** - USB Mass Storage Devices driver

**SYNOPSIS**

To compile this driver into the kernel, place the following line in your kernel configuration file:

```
device scbus
device usb
device umass
```

Alternatively, to load the driver as a module at boot time, place the following line in loader.conf(5):

```
umass_load="YES"
```

**DESCRIPTION**

The **umass** driver provides support for Mass Storage devices that attach to the USB port.

To use the **umass** driver, `usb(4)` and one of `uhci(4)` or `ohci(4)` or `ehci(4)` or `xhci(4)` must be configured in the kernel. Additionally, since **umass** uses the SCSI subsystem and sometimes acts as a SCSI device, it requires `da(4)` and `scbus(4)` to be included in the kernel.

**EXAMPLES**

```
device umass
device scbus
device da
device pass
```

Add the **umass** driver to the kernel.

```
camcontrol rescan 0:0:0
camcontrol rescan 0:0:1
camcontrol rescan 0:0:2
camcontrol rescan 0:0:3
```

Rescan all slots on a multi-slot flash reader, where the slots map to separate LUNs on a single SCSI ID. Typically only the first slot will be enabled at boot time. This assumes that the flash reader is the first SCSI bus in the system and has 4 slots.

**SEE ALSO**

`cfumass(4)`, `ehci(4)`, `ohci(4)`, `uhci(4)`, `usb(4)`, `xhci(4)`, `camcontrol(8)`

**AUTHORS**

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