Failed to map the DPM of a device

1. **Check the application's restrictions**
   To allow mapping of the DPM to a user application, make sure the application is allowed to *mmap* enough memory (at least 64Kbyte).
   You can check the current memory lock limit using the following command, which returns the maximum possible mapped memory in kB:
   ulimit -l

General

- Does the driver work under RTAI
- Does the driver work under XENOMAI
- Which Kernel versions are supported
- How to enable an automated load of the uio_netx kernel module at system start
- How to enable access to cifX device for non-root users
- Failed to map the DPM of a device
- What devices are supported?
- Which Linux distributions are supported
- Failed to install the driver via the provided build script
- Failed to load the uio_netx kernel module
- Is DMA data transfer supported?
- Why is my "ethercat.xml" configuration file not downloaded ?

Installation

- How to install the driver step by step
- Failed to install the driver via the provided build script
- Failed to load the uio_netx kernel module
- Is DMA data transfer supported?

Configuration

- cifX Device is not correctly configured
- No log file of the user space driver is created
- Why is my "ethercat.xml" configuration file not downloaded ?

Application

- Any questions to the driver's API
- Failed request DMA state or to exchange IO-data via DMA
- Unable to access or find a device

netX based Virtual Ethernet Interface

- Failed to create a Virtual Ethernet Interface