

IPMI Linux Driver Build Instructions

To build the IPMI driver on a Linux system, you must have Red Hat 6.1 or later installed. The kernel headers RPM must be installed as well, but the kernel sources RPM is optional.

```
Extract the ipmi.zip file (unzip ipmi.zip)
cd to imb directory
run make
cd to imbapi directory
run make.
```

The imbapi creates a library that is needed to communicate with the driver.

The driver (imb) can be loaded dynamically using insmod. For the imbapi library to communicate with the driver, you need to create a device node. The following sample script can be used to do so:

```
    /sbin/insmod imb
maj=`cat /proc/devices | awk '/imb/{print $1}'`

if [ -c /dev/imb ]
then
    rm -f /dev/imb
    /bin/mknod /dev/imb c $maj 0
else
    /bin/mknod /dev/imb c $maj 0
fi
```

Note that the driver gets a major device id assigned by the kernel. We don't use a predefined one.