# 2 Device Drivers

#### **Device driver**

programmers can build device drivers as parts of the kernel, separately as loadable modules, or as user-mode drivers (for certain types of devices where kernel...

# PS/2 port

conventionally assigned to that device. (That is, keyboard drivers are written to use the first port, and mouse drivers are written to use the second port...

#### Device file

In Unix-like operating systems, a device file, device node, or special file is an interface to a device driver that appears in a file system as if it were...

#### HANS device

Australian V8 Supercar Series made the device compulsory for drivers in the 2005 season. Acceptance by drivers was helped by the addition of quick-release...

# USB mass storage device class

storage device. Third-party, freeware drivers became available for Windows 98 and Windows 98SE, and third-party drivers are also available for Windows NT...

#### **Hutchens device**

A Hutchens device is used for protecting race car drivers in the event of an accident by controlling head movement, reducing head and neck injuries due...

### **Device driver synthesis and verification**

Device drivers are programs which allow software or higher-level computer programs to interact with a hardware device. These software components act as...

# Free and open-source graphics device driver

display driver is part of the graphics hardware. Most free and open-source graphics device drivers are developed by the Mesa project. The driver is made...

# Advanced Linux Sound Architecture (redirect from Free and open-source device drivers: audio)

provides an application programming interface (API) for sound card device drivers. Some of the goals of the ALSA project at its inception were automatic...

#### Windows Driver Model

computing, the Windows Driver Model (WDM) – also known at one point as the Win32 Driver Model – is a framework for device drivers that was introduced with...

# Ignition interlock device

the drivers re-offended instead of 30% without the program. As of 2020, there were about 1,000 drivers participating in the Ignition Interlock Device program...

#### **Printer driver**

printer drivers is to allow applications to do printing without being aware of the technical details of each printer model. Printer drivers should not...

# **Direct3D (redirect from Direct3D 9.2)**

8. The Direct3D runtime in Windows 8 features DXGI 1.2 and requires new WDDM 1.2 device drivers. Preliminary version of the Windows SDK for Windows 8...

# **Architecture of Windows NT (redirect from Microsoft OS/2 subsystem)**

initializing device drivers at bootup. Kernel mode drivers exist in three levels: highest level drivers, intermediate drivers and low-level drivers. Windows...

## **Binary blob (redirect from Proprietary device driver)**

instead provide binary-only drivers. This practice is most common for accelerated graphics drivers, wireless networking devices, and hardware RAID controllers...

# **X.Org Server (redirect from Device Dependent X)**

all the DDX 2D graphics device drivers and acceleration architectures, thereby avoiding the need to write X 2D specific drivers for every supported graphic...

### **QEMM** (section Device driver limit)

device drivers at a time. Manifest was updated to 1.10. QRAM updated to 2.02 for intel 80286 and intel 8088 systems. QEMM supports loading XMS driver...

### **USB** (redirect from USB storage device)

entirely automatically configures using existing device drivers, or the system prompts the user to locate a driver, which it then installs and configures automatically...

### Halo (safety device)

€13,000 and €24,000. Each team has two drivers so the teams would have to spend double that amount for both drivers. To put into perspective, each team would...

# Mesa (computer graphics) (section Device drivers)

specifications to vendor-specific graphics hardware drivers. Its most important users are two graphics drivers mostly developed and funded by Intel and AMD for...

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