NAME
   kbd - Keyboard input driver

SYNOPSIS
   Section "InputDevice"
    Identifier "*idevname***"**
    Driver "kbd"
    ...
   EndSection

DESCRIPTION
   kbd is an Xorg input driver for keyboards. The driver supports the standard OS-provided keyboard
   interface, but these are currently only available to this driver module for Linux, BSD, and Solaris. This
   driver is the replacement for the built-in **keyboard** driver formerly included in Xorg.

   The **kbd** driver functions as a keyboard input device.

CONFIGURATION DETAILS
   Depending on the X server version in use, input device options may be set in either a xorg.conf file, an
   xorg.conf.d snippet, or in the configuration files read by the Hardware Abstraction Layer (HAL)
   daemon, hald(1).

   Please refer to xorg.conf(5) for general configuration details and for options that can be used with all
   input drivers. This section only covers configuration details specific to this driver.

   The following driver **Options** are supported:

   Option "Device" "*string***"**
           Specify the keyboard device. Default: the OS's default console keyboard input source.
           Property: "Device Node" (read-only).

   Option "Protocol" "*string***"**
           Specify the keyboard protocol. Valid protocol types include:

                   Standard, Xqueue.

           Not all protocols are supported on all platforms. Default: "Standard".

   Option "XLeds" "*ledlist***"**
           makes the keyboard LEDs specified in *ledlist* available for client use instead of their

traditional function (Scroll Lock, Caps Lock and Num Lock). The numbers in the list are in the range 1 to 3. Default: empty list.

Option "XkbRules" "*rules***"**
specifies which XKB rules file to use for interpreting the **XkbModel**, **XkbLayout**, **XkbVariant**, and **XkbOptions** settings. Default: "base" for most platforms. If you use the "base" value then you can find listing of all valid values for these four options in the */usr/local/share/X11/xkb/rules/base.lst* file.

Option "XkbModel" "*modelname***"**
specifies the XKB keyboard model name. Default: "pc105" for most platforms.

Option "XkbLayout" "*layoutname***"**
specifies the XKB keyboard layout name. This is usually the country or language type of the keyboard. Default: "us" for most platforms.

Option "XkbVariant" "*variants***"**
specifies the XKB keyboard variant components. These can be used to enhance the keyboard layout details. Default: not set.

Option "XkbOptions" "*options***"**
specifies the XKB keyboard option components. These can be used to enhance the keyboard behaviour. Default: not set.

For a list of available XKB options, see **xkeyboard-config(7).**

EXAMPLE
The following xorg.conf fragment ensures that user will be able to switch between *us* and *sk* layouts by pressing the "menu" key. The scroll lock LED shows which layout is currently active.

The **XkbVariant** option defines which variants of the two layouts should be used. In case of the *us* layout its default variant is used. In case of the *sk* layout its *qwerty* variant is used.

```
    Section "InputDevice"
        Identifier   "Generic Keyboard"
        Driver       "kbd"
        Option       "CoreKeyboard"
        Option       "XkbRules"      "base"
        Option       "XkbModel"      "pc105"
        Option       "XkbLayout"     "us,sk"
```

             Option   "XkbVariant"   ",qwerty"
             Option   "XkbOptions"   "grp:menu_toggle,grp_led:scroll"
        EndSection

SEE ALSO

    Xorg(1), xorg.conf(5), Xserver(1), X(7).

    hal(7), hald(8), fdi(5).

    xkeyboard-config(7).