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Xbox Gamepad Userspace Driver for Linux   http://pingus.seul.org/~grumbel/xboxdrv/

⑂ **1,185** commits	⑂ **2** branches	🏷 **39** releases	👥 **11** contributors	⚖ GPL-3.0

Branch: **stable** ▾   New pull request   Create new file   Upload files   Find file   **Clone or download** ▾

🖼 **Grumbel** Merge pull request #165 from baztastic/stable ⋯		Latest commit 3362c1a on Nov 22, 2015
📁 data	Added data/org.seul.Xboxdrv.conf for dbus	a year ago
📁 doc	Changed link to SDL-envvar documentation	4 years ago
📁 examples	added missing analog clicks and guide button.	3 years ago
📁 hal	Some more stuff	8 years ago
📁 runxboxdrv	New version of runxboxdrv	6 years ago
📁 src	Added alternative Afterglow AX.1 id	a year ago
📁 test	Replaced grumbel@gmx.de with grumbel@gmail.com	2 years ago
📁 tools	Replaced grumbel@gmx.de with grumbel@gmail.com	2 years ago
📄 .gitignore	More .gitignore	2 years ago
📄 .travis.yml	Added 'make install' to travis	2 years ago
📄 AUTHORS	Some more chatpad work	6 years ago
📄 COPYING	- added copying	9 years ago
📄 Makefile	Fixed Makefile so that scons is always called	a year ago
📄 NEWS	Updated NEWS	a year ago
📄 PROTOCOL	Added some info for the chatpad	4 years ago
📄 README.md	Added documentation for dbus	a year ago
📄 SConstruct	Merge pull request #125 from tgurr/cross_pkg-config	2 years ago
📄 TODO	TODO updates	6 years ago
📄 VERSION	Increased version number to 0.8.8	a year ago
📄 chatpad.xkb	Use currency symbol for Microsoft Points symbol (see Wikipedia on cur…	6 years ago
📄 xboxdrvctl	Replaced grumbel@gmx.de with grumbel@gmail.com	2 years ago

📖 **README.md**

Xbox/Xbox360 USB Gamepad Driver for Userspace

Xboxdrv is a Xbox/Xbox360 gamepad driver for Linux that works in userspace. It is an alternative to the xpad kernel driver and has support for Xbox1 gamepads, Xbox360 USB gamepads and Xbox360 wireless gamepads. The Xbox360 guitar and some Xbox1 dancemats might work too. The Xbox 360 racing wheel is not supported, but shouldn't be to hard to add if somebody is interested.

Some basic support for the Xbox360 Chatpad on USB controller is provided, Chatpad on wireless ones is not supported. The headset is not supported, but you can dump raw data from it.

This driver is only of interest if the xpad kernel driver doesn't work for you or if you want more configurabity. If the xpad kernel driver works for you there is no need to try this driver.

Newest version of the driver can be found at:

- http://pingus.seul.org/~grumbel/xboxdrv/

The development version can be optained via:

- git clone http://pingus.seul.org/~grumbel/xboxdrv.git

Compilation

Required libraries and tools:

- g++ - GNU C++ Compiler
- libusb-1.0
- pkg-config
- libudev
- boost
- scons
- uinput (userspace input kernel module)
- git (only to download the development version)
- X11
- libdbus
- glib

Once everything installed, you can compile by typing:

```
scons
```

On Ubuntu 10.10 you can install all the required libraries via:

```
sudo apt-get install \
 g++ \
 libboost1.42-dev \
 scons \
 pkg-config \
 libusb-1.0-0-dev \
 git-core \
 libx11-dev \
 libudev-dev \
 x11proto-core-dev \
 libdbus-glib-1-dev
```

To load the uinput kernel module automatically on boot add it /etc/modules, to load it manually type:

```
sudo modprobe uinput
```

On other distributions exact install instructions might be slightly different.

Installation

Once the compilation process is complete you can install xboxdrv with:

```
make install
```

You can also change the install PREFIX and DESTDIR as usual with:

```
make install PREFIX=/usr DESTDIR=/tmp
```

Note that there is no need to install xboxdrv, you can run it directly from the source directory if you prefer.

If you want to run xboxdrv in daemon mode on boot, copy `data/org.seul.Xboxdrv.conf` into `/etc/dbus-1/system.d/`, otherwise xboxdrv will complain with:

```
[ERROR] XboxdrvDaemon::run(): fatal exception: failed to get unique dbus name: Connection ":1.135" is not all
```

Running

Extensive documentation on running xboxdrv can be found in the RUNNING XBOXDRV section of the xboxdrv manpage. When you haven't installed xboxdrv the man page can be found in doc/xboxdrv.1 and be read with:

```
man -l doc/xboxdrv.1
```

Documentation on xboxdrv-daemon, a daemon that will automatically launch xboxdrv when a pad is plugged in can be read via:

```
man -l doc/xboxdrv-daemon.1
```