

bindings-libv4l2

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Contents

1	bindings-libv4l2.cabal	2
2	Bindings/LibV4L2.hsc	2
3	.gitignore	3
4	LICENSE	3
5	Setup.hs	4

1 bindings-libv4l2.cabal

Name: bindings-libv4l2
Version: 0.2.0.1
Synopsis: bindings to libv4l2 for Linux

5 Description:
 Bindings for libv4l2 on Linux, wrapping:
 <file:///usr/include/libv4l2.h>
 .
 libv4l2 development headers are required to build this package.
10 On Debian-based systems these can be found in libv4l-dev.
 .
 Note: libv4l2 is LGPL licensed.
 Be aware of your obligations when distributing binaries.

15 Homepage: http://code.mathr.co.uk/bindings-libv4l2
 License: BSD3
 License-file: LICENSE
 Author: Claude Heiland-Allen
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20 Category: System

Build-type: Simple

Cabal-version: >=1.2

25 Library

Exposed-modules: Bindings.LibV4L2

Build-depends:

 base >= 3 && < 5,

30 bindings-DSL >= 1.0.7 && < 1.1

Build-tools: hsc2hs

Extra-libraries: v4l2

2 Bindings/LibV4L2.hsc

```

{-# LANGUAGE ForeignFunctionInterface #-}
#include <bindings.dsl.h>
#include <libv4l2.h>
-- | Bindings for libv4l2 on Linux, wrapping:
5  -- <file:///usr/include/libv4l2.h>
    module Bindings.LibV4L2 where
    #strict_import
    #ccall v4l2_open , Ptr CChar -> CInt -> CInt -> IO CInt
    #ccall v4l2_close , CInt -> IO CInt
10  #ccall v4l2_dup , CInt -> IO CInt
    #ccall v4l2_ioctl , CInt -> CULong -> Ptr a -> IO CInt
    #ccall v4l2_read , CInt -> Ptr a -> CSize -> IO CInt
    #ccall v4l2_mmap , Ptr a -> CSize -> CInt -> CInt -> Int64 -> IO (Ptr a)
    #ccall v4l2_munmap , Ptr a -> CSize -> IO CInt
15  #ccall v4l2_set_control , CInt -> CInt -> CInt -> IO CInt
    #ccall v4l2_get_control , CInt -> CInt -> IO CInt
    #ccall v4l2_fd_open , CInt -> CInt -> IO CInt
    #num V4L2_DISABLE_CONVERSION
    #num V4L2_ENABLE_ENUM_FMT_EMULATION

```

3 .gitignore

dist

4 LICENSE

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```

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```

5 Setup.hs

```
import Distribution.Simple
main = defaultMain
```