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```
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```
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      (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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package main

import (  
"bufio"  
"bytes"  
)
"flag"
"fmt"
"io"
"log"
"os"
"path/filepath"
"strings"
)

const crUsageString = `xb copyright [options] <path>...`

The xb copyright command adds a copyright remark to all go files below path.

-h prints this message and exits
`

func crUsage(w io.Writer) {
    fmt.Fprint(w, crUsageString)
}

const copyrightText = `
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`

func goComment(text string) string {
    buf := new(bytes.Buffer)
    scanner := bufio.NewScanner(strings.NewReader(text))
    var err error
    for scanner.Scan() {
        s := strings.TrimSpace(scanner.Text())
        if len(s) == 0 {
            continue
        } else if err = fmt.Fprintf(buf, `//`, s); err != nil {
            panic(err)
        }
    } else if err = scanner.Err(); err != nil {
        panic(err)
    } else if err = fmt.Fprintf(buf); err != nil {
        panic(err)
    }
    return buf.String()
}
var goCopyright = goComment(copyrightText)

func addCopyright(path string) (err error) {
  log.Printf("adding copyright to %s", path)
  src, err := os.Open(path)
  if err != nil {
    return err
  }
  defer func() {
    cerr := src.Close()
    if cerr != nil && err == nil {
      err = cerr
    }
  }()
  newPath := path + ".new"
  dst, err := os.Create(newPath)
  if err != nil {
    return err
  }
  defer func() {
    cerr := dst.Close()
    if cerr != nil && err == nil {
      err = cerr
    }
  }()
  out := bufio.NewWriter(dst)
  fmt.Fprintf(out, goCopyright)
  scanner := bufio.NewScanner(src)
  line := 0
  del := false
  for scanner.Scan() {
    line++
    txt := scanner.Text()
    if line == 1 && strings.Contains(txt, "Copyright") {
      del = true
      continue
    }
    if del {
      s := strings.TrimSpace(txt)
      if len(s) == 0 {
        del = false
      }
      continue
    }
    fmt.Fprintf(out, txt)
  }
  if err = scanner.Err(); err != nil {
    return err
  }
  return err
}
if err = out.Flush(); err != nil {
    return
}
err = os.Rename(newPath, path)
return
}

func walkCopyrights(path string, info os.FileInfo, err error) error {
if err != nil {
    return err
}
if info.IsDir() {
    return nil
}
if !strings.HasSuffix(info.Name(), "\.go") {
    return nil
}
return addCopyright(path)
}

func copyright() {
    cmdName := os.Args[0]
    log.SetPrefix(fmt.Sprintf("%s: ", cmdName))
    log.SetFlags(0)

    flag.CommandLine = flag.NewFlagSet(cmdName, flag.ExitOnError)
    flag.Usage = func() { crUsage(os.Stderr); os.Exit(1) }

    help := flag.Bool("h", false, "")

    flag.Parse()

    if *help {
        crUsage(os.Stdout)
        os.Exit(0)
    }

    for _, path := range flag.Args() {
        fi, err := os.Stat(path)
        if err != nil {
            log.Print(err)
            continue
        }
        if !fi.IsDir() {
            log.Printf("%s is not a directory", path)
            continue
        }
if err = filepath.Walk(path, walkCopyrights); err != nil {
    log.Fatalf(`%s error %s`, path, err)
}
}
}

package main

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1.9 pcre 8.44

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1.11 attr 2.4.48

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1.19 zlib 1.2.11

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/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017

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jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for
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/*

1.20 luajit 2.1.0
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1.23 x-crypto 0.0.0-20200510-06a226fb4e3765ef3f48aa28

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1.24 libxml 2.9.10

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1.25 golang-lru v0.5.4

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1.34 ncurses 6.2

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1.35 util-linux 2.35.1

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@enumerate
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@page
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