

GoboLinux 015

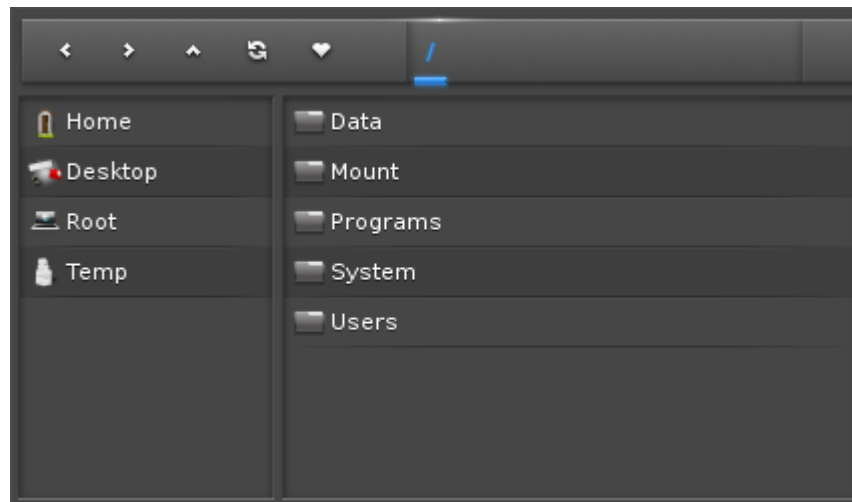
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What's GoboLinux?

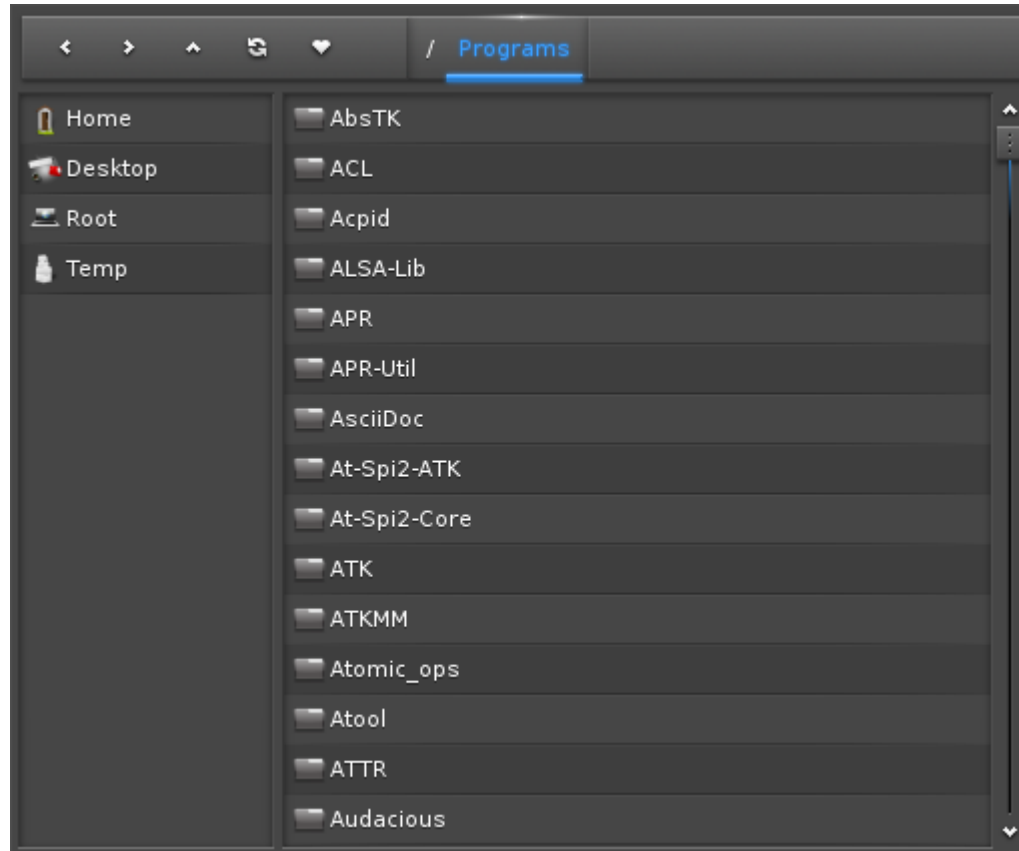
An alternative distribution born in 2002

Introduces a rather different directory hierarchy



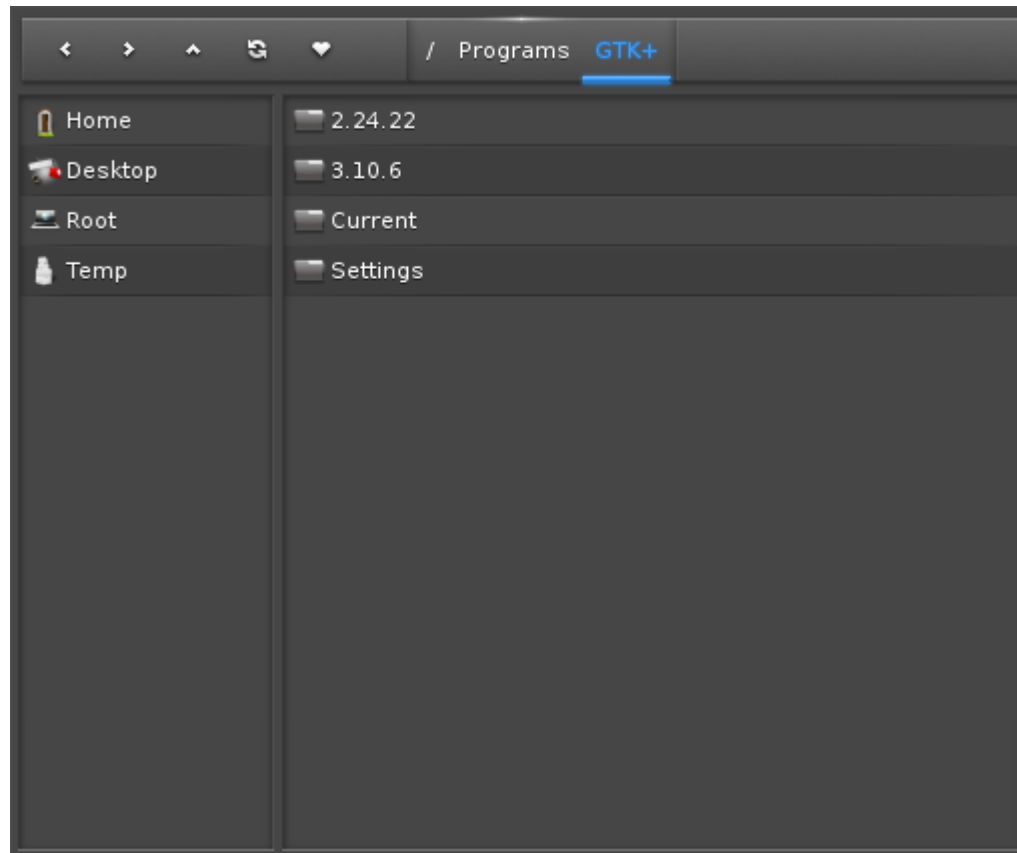
What's GoboLinux?

Big idea: each program has its own directory



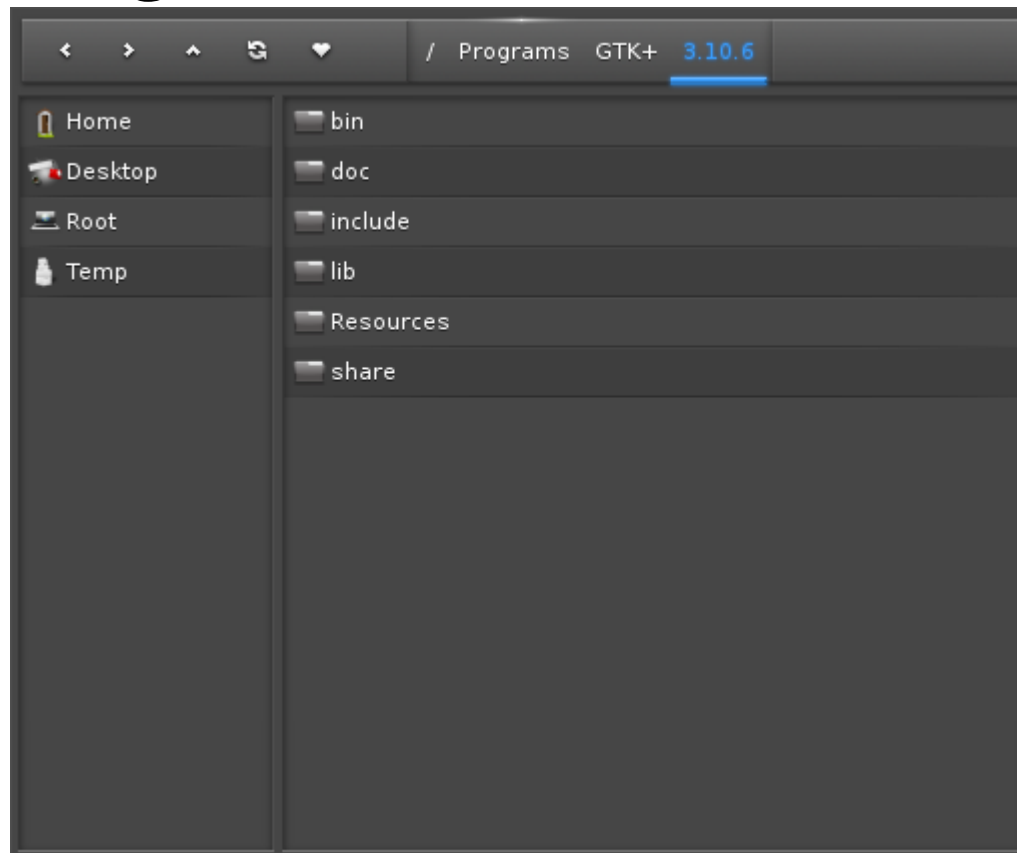
What's GoboLinux?

Multiple versions of a given program can coexist



What's GoboLinux?

Modular layout: easy to tell which files belong to which packages



Many advantages

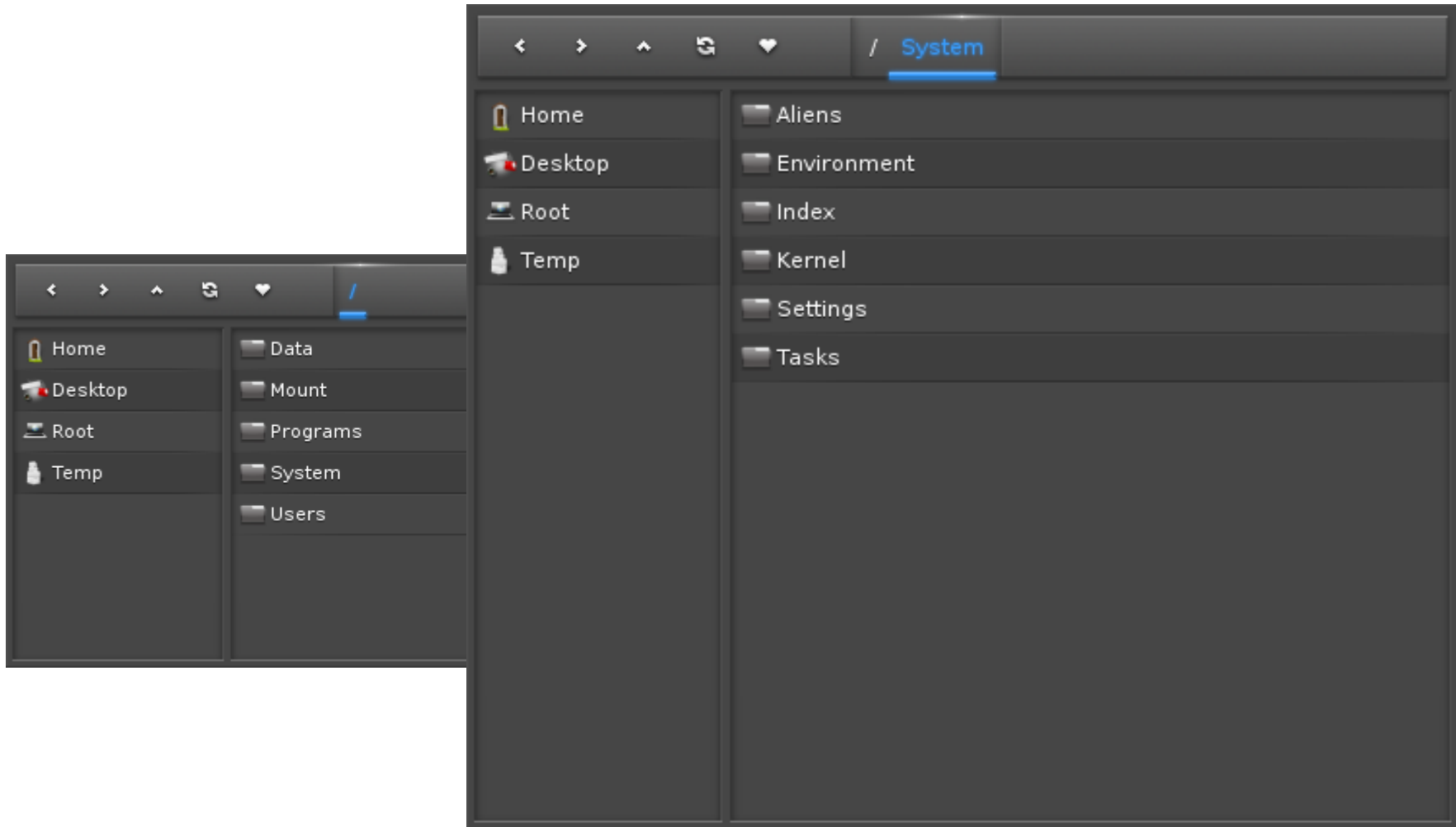
No need for a package manager

Binary packages are no different from packages built from source code

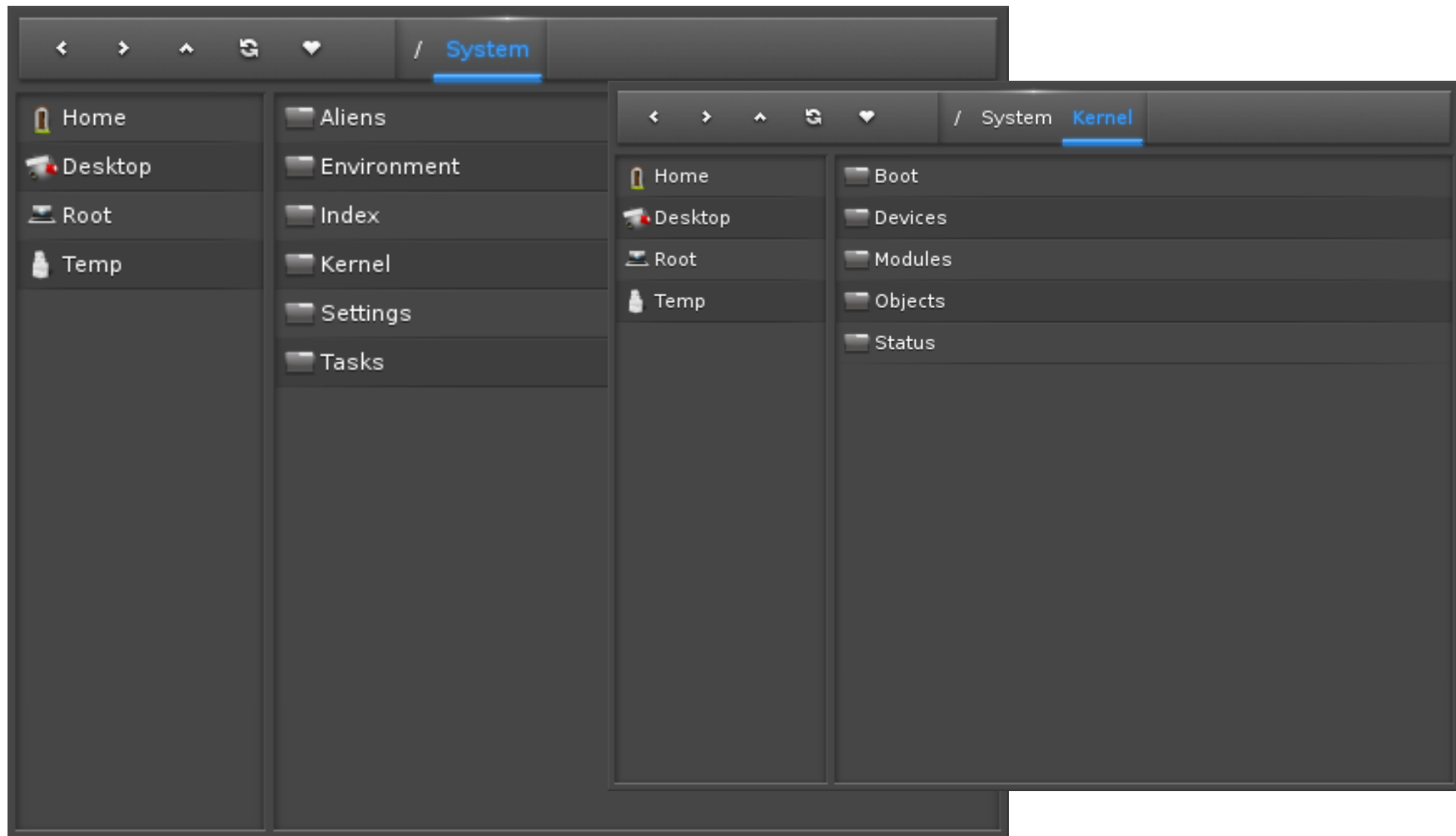
Removing a program is easy

The whole system becomes intuitive

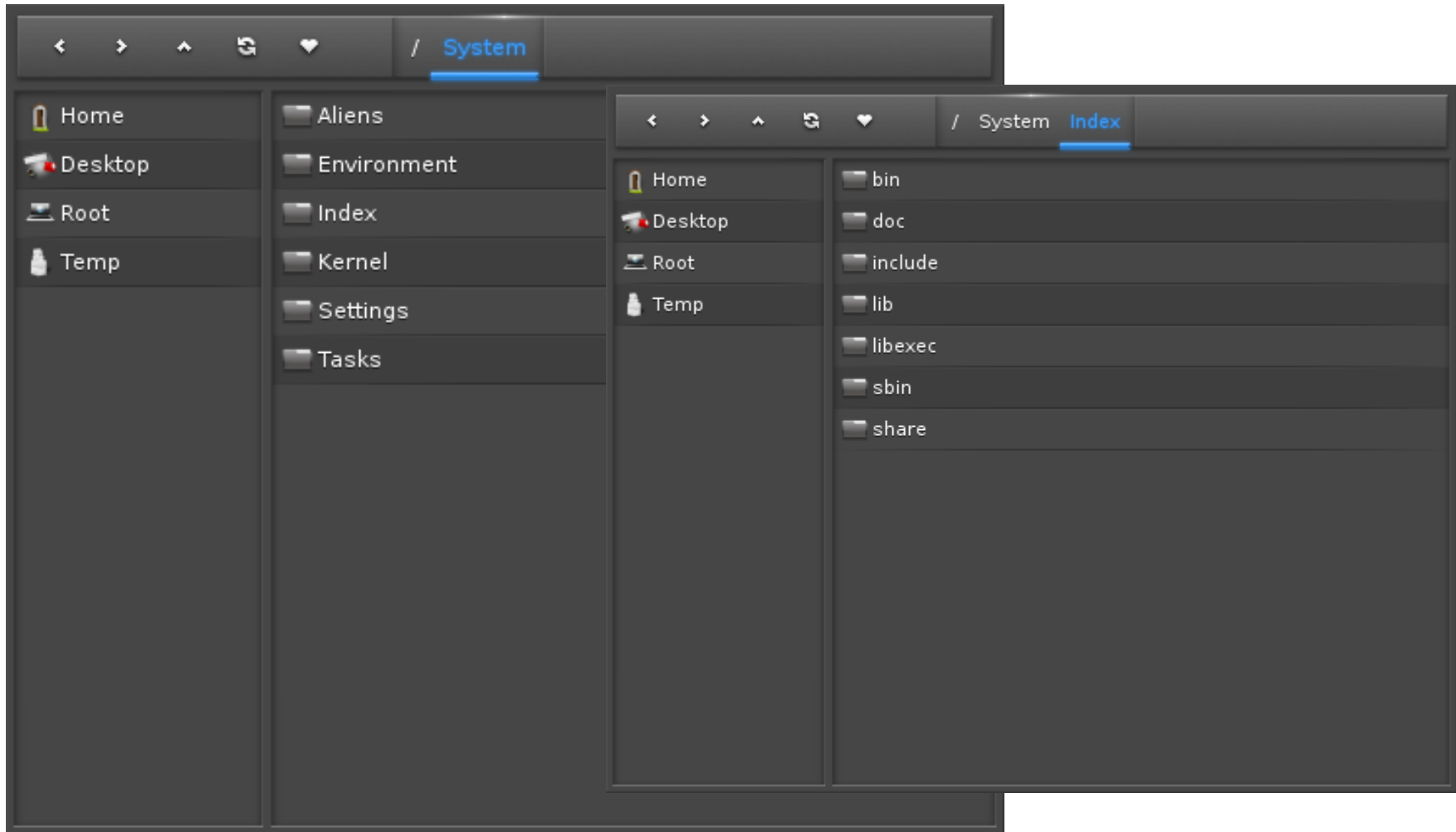
More on the file system layout



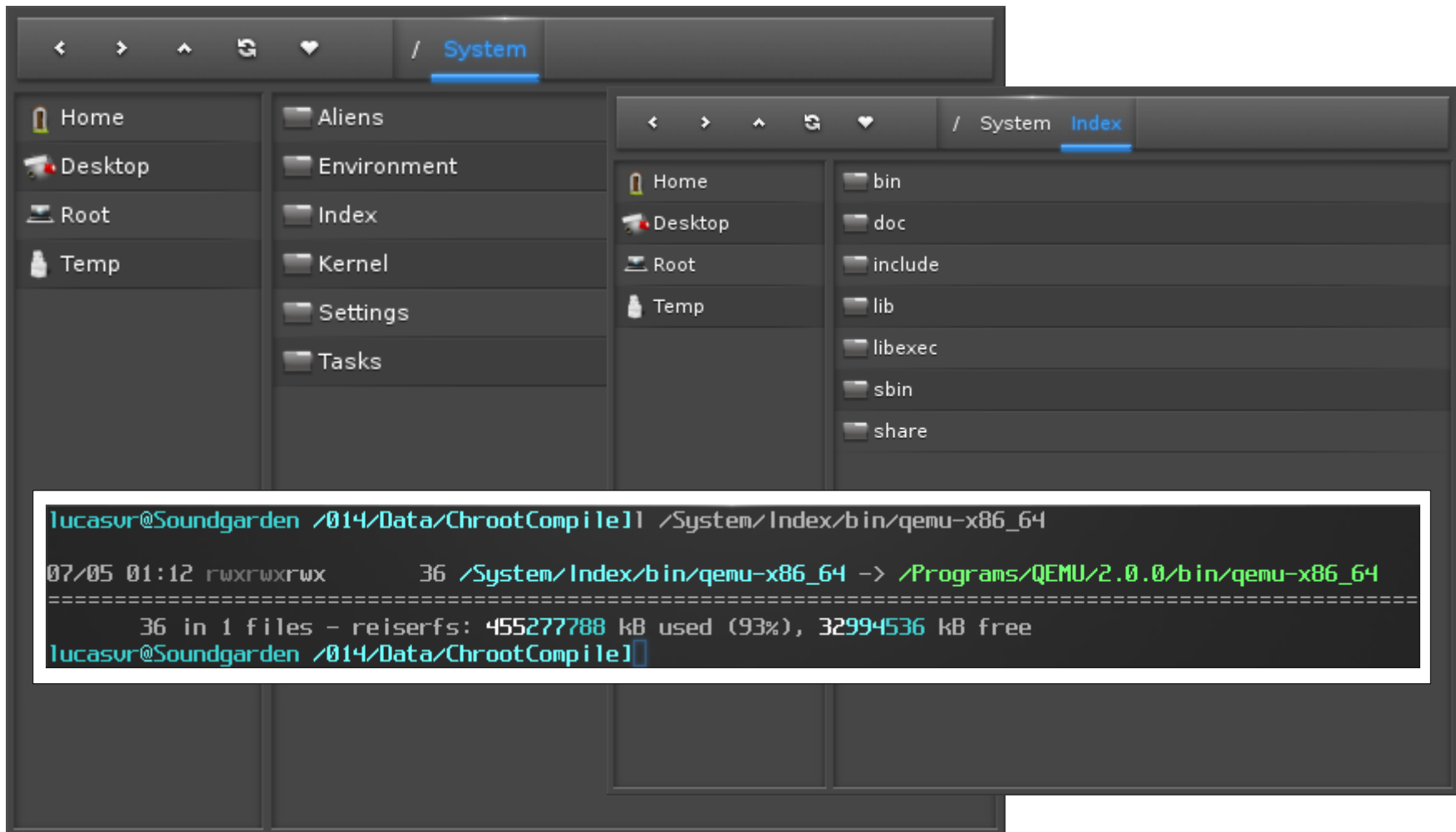
/System/Kernel



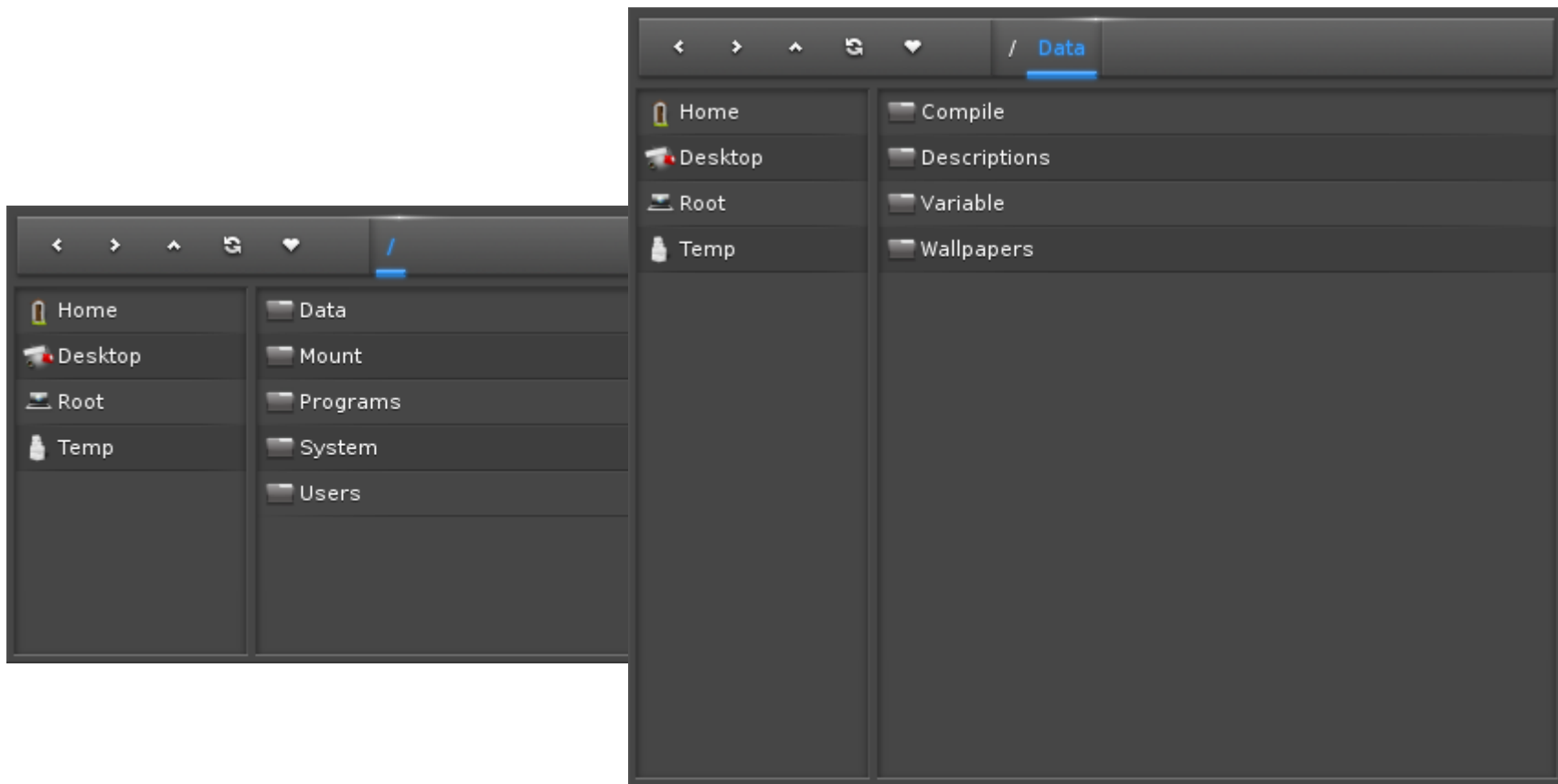
/System/Index



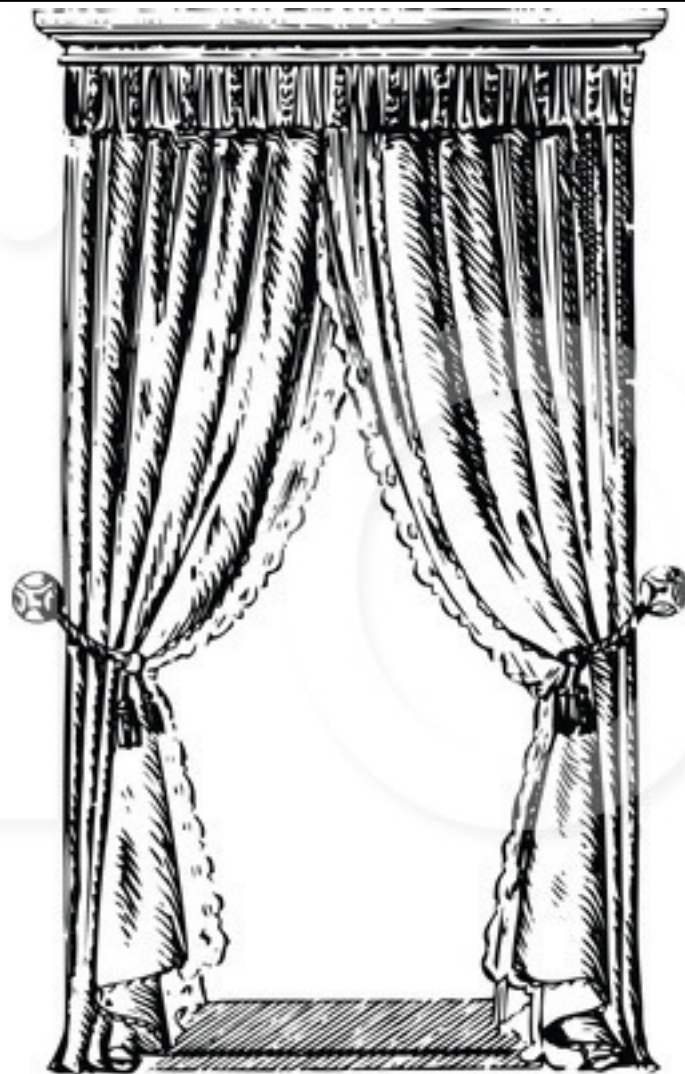
/System/Index



/Data



End of act 1



Backwards compatibility

`#!/bin/sh ?`

`#!/usr/bin/env perl?`

`/dev/null?`

Backwards compatibility

GoboHide: instructs the kernel to hide certain directories or symbolic links

Much more elegant than OS X!

Backwards compatibility

```
root@Soundgarden ~/]gobohide -l
Hidden directories:
/var
/usr
/tmp
/sys
/srv
/sbin
/run
/proc
/mnt
/media
/lib
/etc
/dev
/boot
/bin

root@Soundgarden ~/]█
```

Backwards compatibility

```
root@Soundgarden ~/]ls -l /etc
lrwxrwxrwx 1 root root 15 May 5 15:59 /etc -> System/Settings
root@Soundgarden ~/]ls -l /bin
lrwxrwxrwx 1 root root 16 May 5 15:59 /bin -> System/Index/bin
root@Soundgarden ~/]ls -l /usr
total 0
lrwxrwxrwx 1 root root 19 May 5 15:59 bin -> ../System/Index/bin
lrwxrwxrwx 1 root root 19 May 5 15:59 doc -> ../System/Index/doc
lrwxrwxrwx 1 root root 23 May 5 15:59 include -> ../System/Index/include
lrwxrwxrwx 1 root root 19 May 5 15:59 lib -> ../System/Index/lib
lrwxrwxrwx 1 root root 23 May 5 15:59 libexec -> ../System/Index/libexec
lrwxrwxrwx 1 root root 1 May 5 15:59 local -> .
lrwxrwxrwx 1 root root 25 May 5 15:59 man -> ../System/Index/share/man
lrwxrwxrwx 1 root root 20 May 5 15:59 sbin -> ../System/Index/sbin
lrwxrwxrwx 1 root root 21 May 5 15:59 share -> ../System/Index/share
lrwxrwxrwx 1 root root 1 May 5 15:59 X11R6 -> .
root@Soundgarden ~/]_
```


Having fun with GoboLinux

```
root@Soundgarden /]ls
Data Mount Programs System Users
root@Soundgarden /]gobohide -h *
root@Soundgarden /]ls
root@Soundgarden /]find /
/
root@Soundgarden /]█
```



GoboLinux 015

Being announced Today, **RIGHT NOW!**

First release after an hiatus of 6+ years

Work made possible thanks to ALFS

Major changes

Transition from `/System/Links` to `/System/Index`

Embraced “root” as super user name

Enlightenment as the desktop environment for the first time

Get it now at **<http://gobolinux.org>**

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