




CONTENTS

February LV011

Happy Christmas/Burns Night/St David's Day!

**SUBSCRIBE
ON PAGE 62**



20

The fight for freedom

Free Software isn't just convenient and cheap – here's why it matters to everyone.



42

Brian Behlendorf

Mozilla, the EFF, Barack Obama's election campaign and the Burning Man festival all owe a debt to this man. Say hello!



28 PUB QUIZ

There are no material prizes – only the best prize of all, which is geeky pride. Your starter for 10...



32 LINUX OUTLAWS

For years the airwaves were ruled by outlaws. Here's a swearword-free recap of their glory days.



36 PICADEMY

Inside the Raspberry Pi Foundation's project to teach teachers how to teach computing.

REGULARS

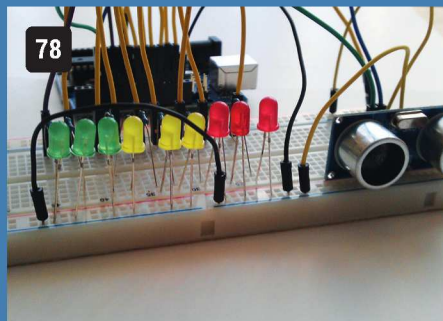
- 06 News**
Debian has forked. FreeBSD is \$1m richer, and the Jolla tablet is doing rather well.
- 08 Distrohopper**
ReactOS, RebeccaBlackOS and AV Linux, plus a look back at Linux Mint 1.
- 10 Gaming**
War, zombies and space, all fictionalised, gamerised, and brought to your Linux box.
- 12 Speak your brains**
Some kind words for our creative commons efforts, plus a note of disquiet.
- 16 LV on tour**
Brought to you by SWAMPFest (Swansea) and the Internet Of Things (everywhere).
- 18 CloudStack**
Brave Sir Graham bravely rides to Budapest to meet vastly important cloud people.
- 40 FAQ... ASM.JS**
It's JavaScript Jim, but not as we know it – it's a faster embedded subset, ayeh!
- 56 Group test**
We spend so much time on the web that we should really find a decent browser.
- 62 Subscribe!**
Will Tiny Tim have goose for Christmas? You decide! Also, get a brilliant magazine!
- 64 Core technologies**
Dr Brown interprets the signals that processes send to each other.
- 68 FOSSpicks**
Freer than the bird that Lynyrd Skynyrd sang about in that song with the guitar solo.
- 110 Masterclass**
Whether you're a guru or a newbie, here's how to encrypt your files with Linux.
- 114 My Linux desktop**
Linux Voice's editor Graham Morrison invites us into his synth paradise.

TUTORIALS



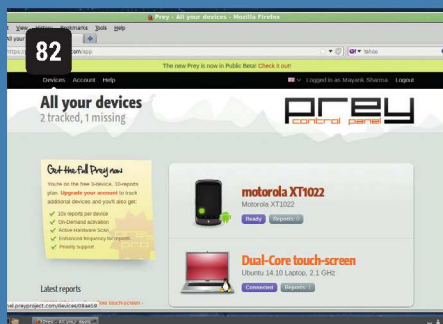
Déjà Dup: Backup for everyone

Protect yourself from data loss apocalypse the easy way.



Arduino: Build a proximity detector

Use nearby objects to activate many, many blinkenlights.



Prey: Track down stolen hardware

Keep tabs of your devices in the event of their purloinment.

100 Firefox: Code addons
Add functions to the #1 browser.

104 Code Ninja: NoSQL databases
Enhance your big data project.

106 Program with your GPU
Unleash your graphics card.



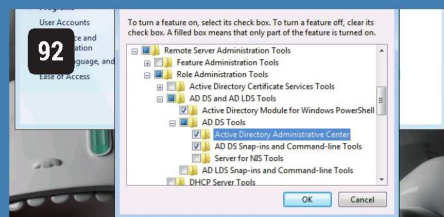
Social-Engineer Toolkit: Steal data

Understand how the criminals are trying to trick you.



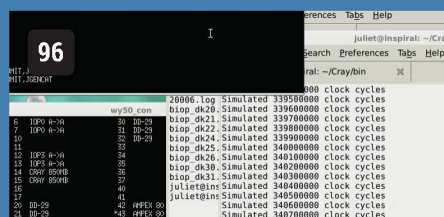
Linux 101: Emulate Windows with Wine

Bring your old applications with you when you move to Linux.



Samba 4: Use Windows shares from Linux

Admins, rejoice: Samba now works with Active Directory.



Olde Code: Seymour Cray and supercomputers

Emulate cutting-edge hardware from the time of glam rock.

REVIEWS



48 Entroware Proteus
It's lovely when companies support Linux. It's even better when their wares are this good.



50 The Tor Browser
Anonymise your web traffic the easy way with this US State Department-endorsed browser.

51 Digikam 4.5.0
Manage large photo collections without Facebook, and add filters without Instagram.

52 Mastering Vim
Jedi master Damian Conway will turn you into a master Vim user. He's scary, in a good way.

53 Firefox Developer Edition
Developer: are you frustrated with the ever-moving target that is Firefox? Yes? Try this!

54 Books Now with infinite battery life, high resolution and no screen glare – books!

