

# THE LINUX VOICE PUB QUIZ

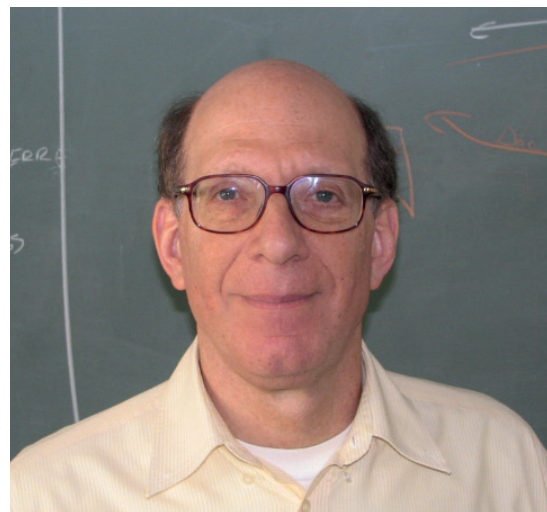
Get a few friends together, settle down by the fire and pour yourselves an ale. It's time to test your Linux knowledge with a little help from our Quiz Master, **Gnomish Armorar**.

## The Linux kernel

- 00** Andrew S Tanenbaum and Linus Torvalds famously argued about the size of their kernels. What was the subject of Professor Tanenbaum's 1992 email rebuttal?
- A) You are insane B) Linux is monolithic C) Linux is a microkernel D) Linux is obsolete
- 01** Which company did Linus colourfully describe as being the "single worst we've had to deal with" back in 2012?
- A) Intel B) Nvidia C) The Linux Foundation D) AMD
- 02** How did Linus Torvalds describe Systemd developer Kay Sievers?
- A) Drooling moron B) Pathetic moron C) F\*cking moron D) Needing a little constructive help
- 03** Linus Torvalds has said "I'm an egotistical bastard, and I name all my projects after myself," but which of the following isn't one of his projects?
- A) Scrot B) Subsurface C) Linux D) Git
- 04** In what month of 1991 did Linus announce his kernel with the words "Just a hobby, won't be big and professional like GNU."
- A) August B) September C) October D) November
- 05** How many lines of code were in the 0.01 release

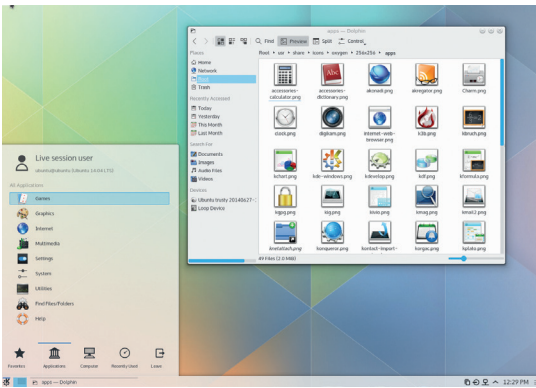
## of the kernel?

- A) 91,023 B) 23,910 C) 39,102 D) 10,239
- 06** Which of these is a real kernel error?
- A) "Here's a nickel kid. Go buy yourself a real



Andrew S Tanenbaum originally thought Linus was onto a losing gambit with his newfangled operating system.

Photo credit: GerardM (CC BY-SA)



Will 2015 be your year of Linux on the desktop?

computer." **B)** "So long and thanks for all the fish" **C)** "Game Over" **D)** "I came, I tried, I crashed"?

**07** In which order were the following Linux sound architectures developed: ALSA, OSS, PulseAudio and Jack?

**A)** AOPJ **B)** OPAJ **C)** OAJP **D)** OAPJ

**08** In The Linux Foundation's 2013 report on kernel development, who signed off the largest percentage of patches?

**A)** David S Miller **B)** Linus Torvalds **C)** Greg Kroah-Hartman **D)** Andrew Morton

**09** According to the same report, which group had the largest number of patches signed off?

**A)** Intel **B)** Red Hat **C)** The Linux Foundation **D)** Google

**Desktops**

**10** What did the K in KDE probably stand for?

**A)** Konzept **B)** Kool **C)** KDE **D)** Kitchen

**11** What does the M represent in Gnome?

**A)** Model **B)** Matthew **C)** MIME **D)** MOSAIC

**12** What does the X represent in Xfce?

**A)** X11 **B)** X.org **C)** XForms **D)** XWindow

**13** How do most Gnome developers pronounce it?

**A)** Nome **B)** Gunome **C)** Nomay **D)** Gunume

**14** And how should you say 'Qt' to Lars Knoll?

**A)** Cut **B)** Cutes **C)** Cutey **D)** Cute

**15** Which of these isn't a KDE application?

**A)** Konqueror **B)** Konversation **C)** Kanada **D)** Belle

**16** Which of these doesn't use GTK+?

**A)** Mozilla Firefox **B)** Google Earth **C)** The Gimp **D)** Xfce

**17** When was Qt finally released under an FSF approved licence?

**A)** 1997 **B)** 1998 **C)** 1999 **D)** 2000

**18** Miguel de Icaza is the co-creator of Gnome. What does he now help develop?

**A)** Mono **B)** Swift **C)** Python **D)** BlitzBasic

**19** Which desktop environment is Linus Torvalds currently using?

**A)** KDE **B)** Gnome 2.x **C)** Gnome 3 **D)** Mate

**Raspberry Pi**

**20** Which 80s computer does the Pi partly take its inspiration from?

**A)** Acorn Electron **B)** Acorn BBC **C)** Acorn Archimedes

**D)** Acorn Atom

**21** Which company did Paul Beech, the winning designer behind the Pi's logo, co-found?

**A)** Pimoroni **B)** Adafruit **C)** Ryantek **D)** Ragworm

**22** What is really beneath the two leaves in the Raspberry Pi logo?

**A)** A delicious raspberry **B)** A disco light ball thing **C)** A buckyball **D)** The meddling monk

**23** Which famous British games designer is a co-founder of the Raspberry Pi Foundation?

**A)** Andy Braybrook **B)** Geoff Crammond **C)** David Braben **D)** Jeff Minter

**24** When could you first order a Raspberry Pi?

**A)** 29 February 2012 **B)** 29 March 2012 **C)** 29 April 2012 **D)** 29 May 2012

**25** How much RAM did the original Model Bs ship with?

**A)** 32k **B)** 256MB **C)** 512MB **D)** 1024MB

**26** How many Raspberry Pis have been sold (as of late 2014)?

**A)** 1 million **B)** 2 million **C)** 3 million **D)** 4 million

**27** Which of the following hasn't been attempted with a Raspberry Pi (yet!!)?

**A)** Brewing beer **B)** Raspberry Pi submarine **C)** An autonomous Atlantic crossing **D)** Sent to near space

**28** What's the name of the Pi's easy to use operating system installer?

**A)** Noobs **B)** ezboot **C)** AcornDFS **D)** ddrescue

**29** Which software isn't available for the Raspberry Pi for free?

**A)** Scratch **B)** Mathematica **C)** Minecraft **D)** Microsoft Office

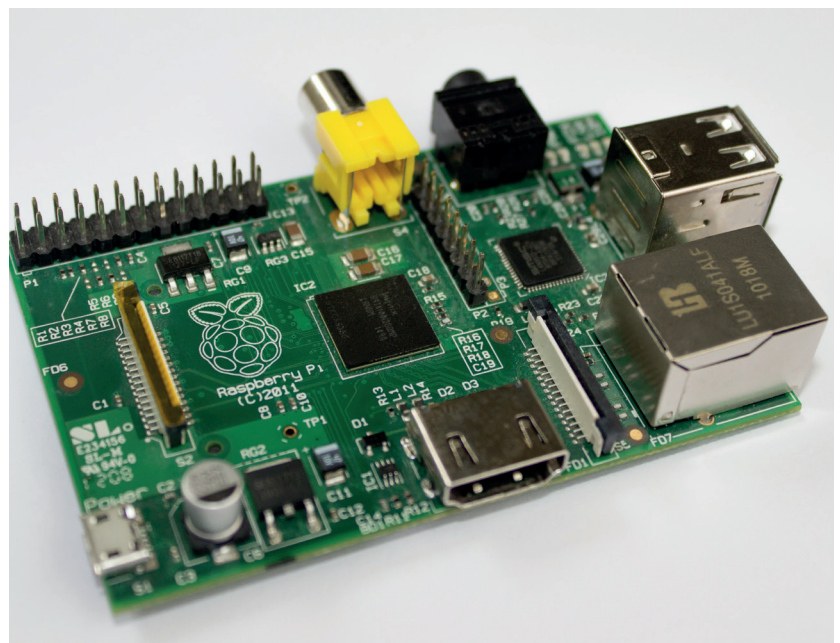
**Ubuntu**

**30** What was the code name for the first release of Ubuntu?

**A)** Hoary Hedgehog **B)** Warty Warthog **C)** Breezy Badger **D)** Dapper Drake

**31** How much did Mark Shuttleworth reportedly sell

We're still waiting for a Pi that can fit into an Altoids tin.



his security startup, Thawte, to VeriSign?

- A) \$574 million B) \$57.4 million C) \$5.74 million
- D) \$5.74

32 Mark Shuttleworth was which numbered space tourist?

- A) First B) Second C) Third D) Fourth

33 What does Ubuntu mean?

- A) I'm loving it B) I am what I am C) Do no evil
- D) Humanity to others

34 Where did Mark Shuttleworth go to strategise before launching Canonical?

- A) Antartica B) North Pole C) Isle of Man
- D) Cape Town

35 What is Mark Shuttleworth's latest project?

- A) A South African astronauts fund B) The Ubuntu Watch
- C) Botanic gardens D) Solar balloons

36 In 2011, how many Ubuntu users did Mark Shuttleworth say there'd be in 2015?

- A) 200 million B) 100 million C) 50 million
- D) 25 million

37 What percentage of the Ubuntu Edge super smartphone was funded through Indiegogo?

- A) 30 B) 40 C) 50 D) 60

38 When did Canonical announce the Ubuntu TV?

- A) 2011 B) 2012 C) 2013 D) 2014

39 Which is going to be the first Ubuntu release with Mir as default?

- A) 15.04 B) 15.10 C) 16.04 D) 16.10

**Picture Round - see inside back cover**

40 Which command produces this output?

- A) fortune | echo B) cowsay | fortune C) fortune | cowsay
- D) cowsay

41 Where on earth is Damian Conway?

- A) Bath Abbey B) Westminster Abbey C) Princess Theatre, Melbourne
- D) Buckingham Palace

42 Who is this?

- A) Richard Stallman B) Fred Durst
- C) Mark Shuttleworth D) Jono Bacon

43 Which Raspberry Pi is this?

- A) Model A B) Model B C) Model A+ D) Model B+

44 Which open source celebrity have we unleashed our Gimp skills upon?

- A) Tim O'Reilly B) Tim Bray C) James Bottomley
- D) Julian Assange

45 Which ancient Linux distro is this?

- A) Red Hat 5.1 B) Mandrake 5.1 C) Slackware 7
- D) Debian 2.0

46 Which desktop is Knoppix using in this release?

- A) GNOME B) KDE C) LXDE 7.2 D) XFCE

47 Which ancient version of Ubuntu is depicted here?

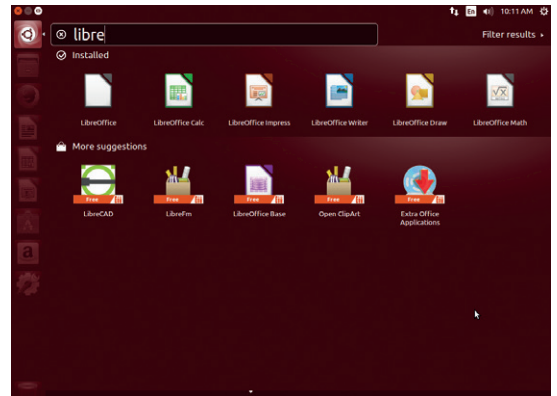
- A) 4.10 B) 5.10 C) 6.06 D) 6.10

48 What music application are we using in this screenshot?

- A) Rhythmbox B) XMMS C) Clementine D) Amarok

49 Who is this?

- A) Richard Stallman B) Fred Durst
- C) Mark Shuttleworth D) Jono Bacon



Ubuntu is still perhaps the worlds' most popular GNU/Linux distribution.

**Bash Commands**

50 What are the target file's permissions after the following command: `chmod 765 filename`?

- A) -rwxrwx-r-x B) --rw-r--r-- C) -rwxrwx-r-- D) -rwxrwxrwx

51 Which of these vim :help arguments is not an easter egg?

- A) holy-grail B) 42 C) ! D) me

52 What does the 'rev' command do?

- A) Increments a version number B) Reverses input
- C) Reverts to a backup D) Makes a car sound

53 What's the systemd equivalent to 'tail -f /var/log/messages'?

- A) journalctl -f B) tail -f /var/log/systemd
- C) systemd --viewlog D) cat /dev/sda2

54 Which character in Bash is used to redirect output to a file?

- A) < B) << C) > D) >>

55 Which character redirects a file's contents to the standard input of a command?

- A) < B) << C) > D) >>

56 What's the Bash keyboard shortcut for searching backwards through your history?



Debian is the largest community supported Linux distro.



A) Alt S B) Alt H C) Ctrl S D) Ctrl R

57 What command would you use to perform simple arithmetic?

A) \$((56 - 14)) B) echo '56 - 14' bc C) bc '56 - 14'  
D) calc '56 - 14'

58 If you wanted to process audio on the command line, what would you use?

A) shoez B) spex C) soundz D) sox

59 Which command would you use to change your password?

A) pwd B) pwnd C) passwd D) password

**Debian**

60 Who was Ian Murdock's girlfriend when he started Debian?

A) Debra B) Debbie C) Deborah D) Deidre

61 When was Debian first announced?

A) 1992 B) 1993 C) 1994 D) 1995

62 Which distribution isn't derived from Debian?

A) Knoppix B) Linux Mint C) Mageia D) Ubuntu

63 Which film series characters are Debian releases often named after?

A) Toy Story B) Back to the Future C) Stargate  
D) Krzysztof Kieslowski's Three Colours

64 How many CPU architectures does Debian 7.0/ Linux support

A) 11 B) 3 C) 9 D) 15

65 Which boot system does Debian use?

A) System V B) Upstart C) Systemd  
D) Don't even go there

66 Which other kernel doesn't have a Debian version?

A) GNU/Hurd B) FreeBSD C) Minix D) Linux

67 Which of the following is not in Debian's Social Contract?

A) Community politeness B) User focus  
C) non-free compatibility D) Problems aren't hidden

68 Who is the longest running project leader of Debian?

A) Ian Murdock B) Stefano Zacchiroli  
C) Bruce Perens D) Bdale Garbee

69 When was Debian 1.0 released?

A) June 1996 B) December 1995 C) It wasn't, due to a CD creation fault  
D) January 1997

**Hardware**

70 What was the first laptop to be awarded the FSF's Respects Your Freedom award?

A) Dell XPS 13 B) Gluglug X60 C) Lenovo ThinkPad



Robots distract our attention by hosting themselves within things we enjoy.

T42 D) Rhino E6540

71 Which of the following has never suffered a Linux installation?

A) a Mars Rover B) International Space Station  
C) a toaster D) a sniper rifle

72 Which kernel version re-integrated the changes made by Android?

A) 2.6.35 B) 3.0 C) 3.3 D) 3.5

73 Which Bruce created BusyBox, as used by many set-top-boxes, NASs and routers?

A) Wayne B) Forsyth C) Lee D) Perens

74 Which hacker co-created both Samba and rsync?

A) Ted Ts'o B) Andrew Tridgell C) Jeremy Allison  
D) Linus Torvalds

75 Which is the best source of entropy in a standard Linux installation?

A) /dev/random B) /dev/urandom C) /dev/null  
D) /dev/zero

76 How many of TOP500's top ten supercomputers (Nov 2014) run Linux?

A) 7 B) 9 C) 8 D) 10

77 Which laptop hasn't Linus Torvalds used for travelling (as far as we know)?

A) Macbook Pro B) Pixel Chromebook C) Macbook Air  
D) 11-inch Sony Vaio Pro

78 What is the coreboot project?

A) A clothing alliance B) An SSD cache C) A BIOS replacement  
D) A systemd replacement

79 Which of the following is not a boot manager?

A) UEFI B) Lilo C) Grub D) Refind

**Answers Let us know how you get on!**

70) B 71) A 72) C 73) D 74) B 75) A 76) D 77) A 78) C 79) A  
80) A 61) B 62) C 63) A 64) A 65) C 66) C 67) B 68) B 69) C  
50) A 51) B 52) B 53) A 54) C 55) A 56) D 57) B 58) D 59) A  
40) C 41) B 42) D 43) C 44) A 45) B 46) A 47) A 48) D 49) A  
30) B 31) A 32) B 33) D 34) C 35) C 36) A 37) B 38) B 39) C  
20) B 21) A 22) C 23) C 24) A 25) B 26) D 27) B 28) A 29) D  
10) B 11) A 12) C 13) B 14) D 15) B 16) C 17) D 18) A 19) C  
00) D 01) B 02) C 03) A 04) A 05) D 06) A 07) C 08) C 09) B