



CLUC 2² / DORS 2002

Linux i desktop

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Što je uopće desktop?

- *Što je desktop računalo?*

- *A desktop computer is a personal computer that is designed to fit conveniently on top of a typical office desk. A desktop computer typically comes in several units that are connected together during installation: (1) the processor, which can be in a microtower or minitower designed to fit under the desk or in a unit that goes on top of the desk, (2) the display monitor, (3) and input devices - usually a keyboard and a mouse. Today, almost all desktop computers include a built-in modem, a CD-ROM drive, a multi-gigabyte magnetic storage drive, and sometimes a diskette drive. At home, most desktop computer users also purchase a printer . In businesses and increasingly at home, desktop computers can be interconnected and can share resources such as printers by being connected to a local area network (LAN).*

- *<http://www.whatis.com> => “desktop computer”*



Što je Linux?

- Besplatan operativni sustav
- Stvoren i razvijan ujedinenim snagama Interneta (tisuće programera i entuzijasta širom svijeta)
- Pisan pod GNU licencom
 - Njegov izvorni kod dostupan je svima
 - Svatko može napraviti svoju verziju “Linuxa”
- Multiplatformski
 - Intel x86, Amiga, Atari, PowerPC, Alpha...



Može li Linux na desktop?

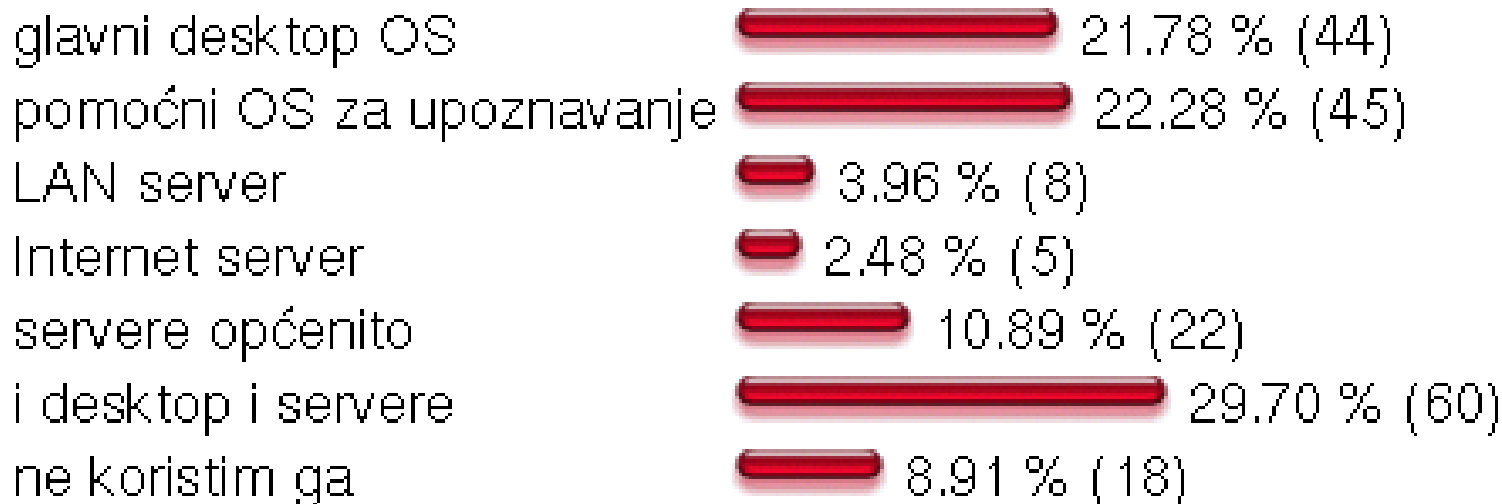
- Linux treba podržavati slijedeći desktop hardver:
 - Monitor
 - Cd-rom
 - Modem
 - Miš
 - Tastatura
 - Tvrdi disk
 - Floppy disk
 - Pisač



Što kažu tražilice?

- Riječ “Linux” i “Desktop” zajedno u tražilicama
 - strane
 - www.google.com: 1.800.000 stranica
 - www.altavista.com: 1.230.818 stranica
 - domaće
 - www.iskon.hr: 4989 stranica
 - www.hr: 0 stranica
 - cross.carnet.hr: 0 stranica

Linux pretežno koristim za:

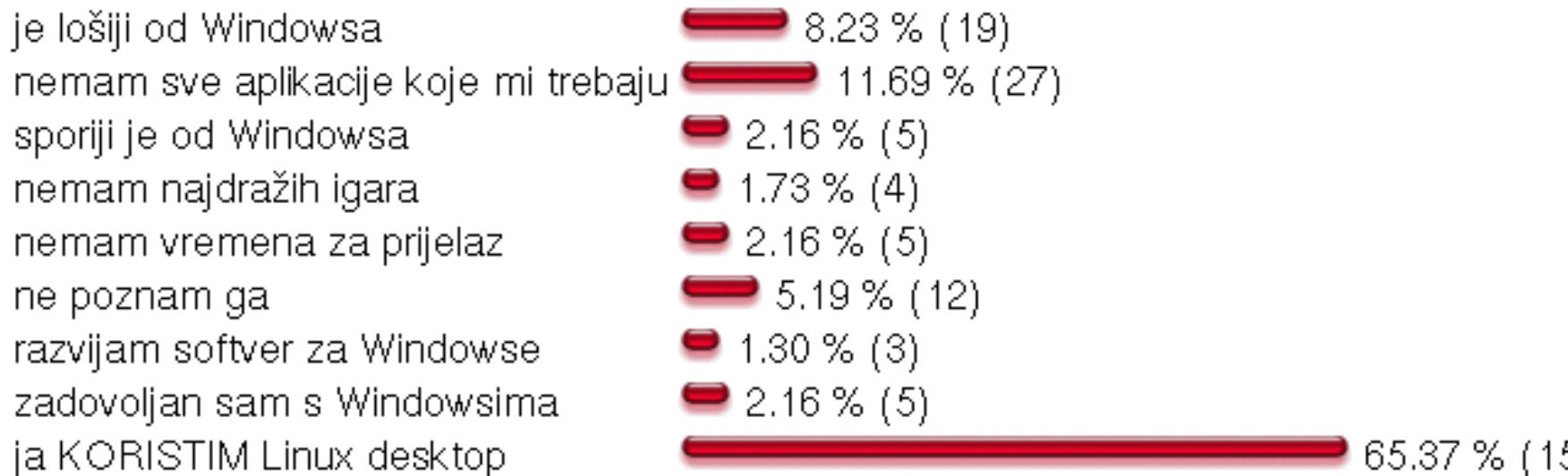


Ukupno glasova: 202

Dozvoljavamo samo jedan glas na dan

[[Nisam glasao!](#) | [Druga glasanja](#)]

Linux desktop ne koristim jer



Ukupno glasova: 231

Dozvoljavamo samo jedan glas na dan

[[Nisam glasao!](#) | [Druga glasanja](#)]

Budućnost Linuxa u sljedećih 5-10 godina:



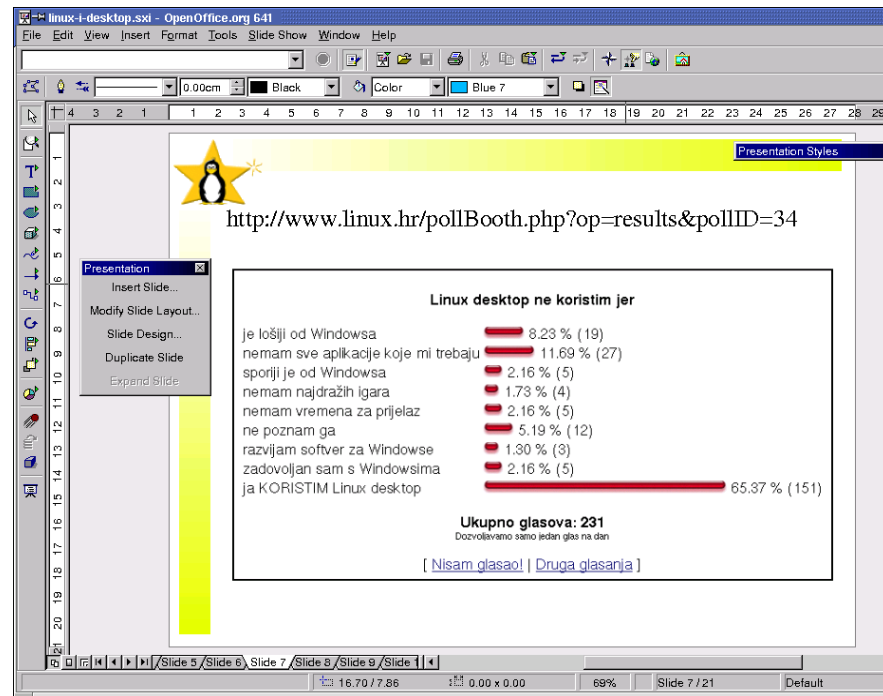
Ukupno glasova: 160

Dozvoljavamo samo jedan glas na dan

[[Nisam glasao!](#) | [Druga glasanja](#)]

Pregled aplikacija

- Office
 - OpenOffice, Koffice
 - ApplixWare, StarOffice
- Zvuk
 - xmms, grip, glame
- Video
 - Xine, Mplayer, Broadcast
- Internet
 - WWW: Mozilla, Opera, Netscape,
 - FTP: Gftp, Ncftp





Može li Linux na desktop?

- MOŽE, ali ograničeno!
- NE:
 - Nema potrebe ukoliko ste zadovoljni postojećim rješenjem
 - Koristi se specijalizirani hardver ili softver
 - Wine
 - Vmware
 - Wabi
 - Dosemu



Što mu nedostaje?

- Podrška za egzotični desktop hardver
 - Interni modemi
- Automatska detekcija hardvera
- Raširenost
- Igre
 - Više igara
 - Bolja implementacija video ubrzivača



Univerzalni desktop

- RMS o uniformnosti i standardnosti KDE i GNOME sučelja
 - “The idea that occurred to me was to work on unifying theme definitions, so that a user can define a theme just once and have it work with both GNOME and KDE.”
 - Uniformnost definicije tema
 - Uniformna Linux tema KDE-a i GNOME-a

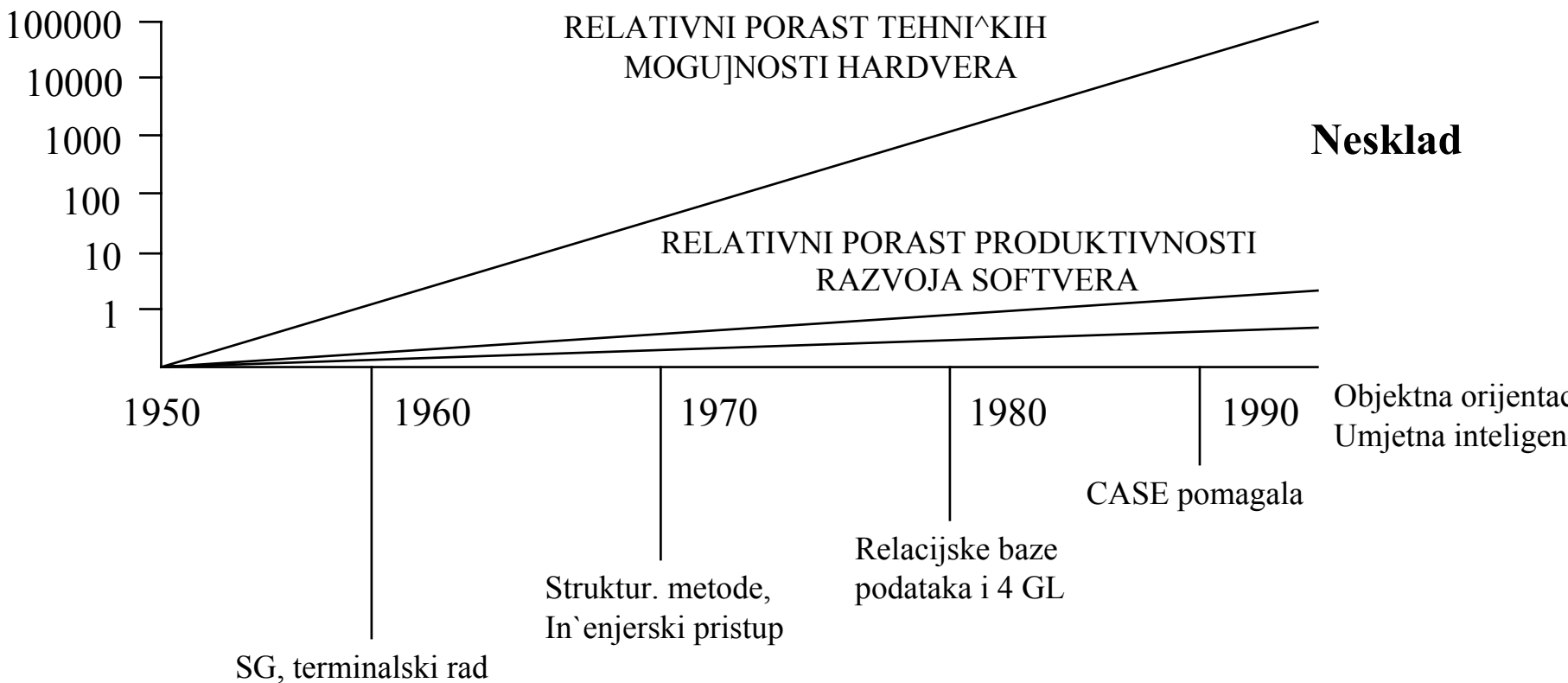


Hoće li Linux zavladati desktopom?

- Bob Young (Red Hat)
 - “...*Linux will never take over the desktop, but that it will make the desktop largely irrelevant by controlling the Internet back-end...*”
 - <http://news.zdnet.co.uk/story/0,,s2103670,00.html>
- Eric Raymond (OSI)
 - “*I think Linux will take over the desktop, and I think the reason it will doesn't have much to do with whether we clean up and polish our interfaces or not.*”

Dokaz 1: Razvoj softvera i hardvera

Debalans između relativnog porasta produktivnosti hardvera i softvera





Dokaz 2: Podrška za hardware

- Podrška za USB WebCam
 - “Speeding up Linux Device Driver Development”
 - <http://www.freshmeat.net/articles/view/216>
- Podrška za USB 2.0
 - Linux kernel stablo 2.5.x
 - Mandrake Linux 8.2
 - SuSE 8.0
- Podrška za interne modeme



DOKAZ 3: HRID

- Linux-Mandrake 8.1 bazirana distribucija
 - Namjenjena učenicima srednjih škola
 - Temeljena na 1. CD-u
 - Izostavljena podrška za egzotične jezike
 - Uključeni:
 - Pomoćni programi za hrvatsko podneblje
 - Najčešće korišteni programi sa ostalih CD-ova
 - Programski jezici i alati za srednjoškolce
 - Uredski alati (Koffice, ...)



HRID: Zašto Linux-Mandrake?

- Metodom 'procjena alternativa':
 - Red Hat
 - Debian
 - SuSE
 - Slackware
 - TurboLinux
 - ASPLinux
 - Gentoo



HRID: Budućnost?

- HRID 1.2
 - Linux-Mandrake 8.2 bazirana distribucija
 - Instalacija kompletno prevedena i prilagodjena hrvatskom jeziku
 - Uključivat će spelling checker za hrvatski jezik
 - Ispravljene mnoge prijavljene greške



HRID: Budućnost II

- Dvije verzije
 - Izdanje za škole (School Edition)
 - Uključivati će prevodioce za najpopularnije programske jezike i dokumentaciju za njih kao i razvojne pakete
 - Izdanje za urede (Office Edition)
 - Uključivat će OpenOffice i uredske alate
 - Neće sadržavati prevodioce niti razvojne pakete



PITANJA!

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