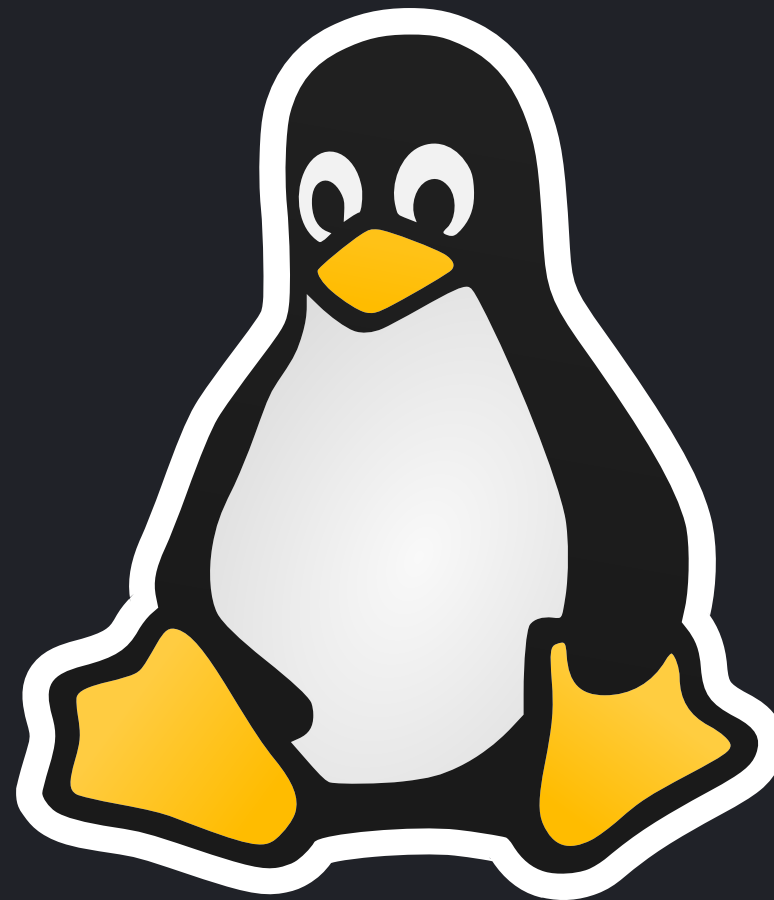


Linux Install Day

oktobar 2021

Departman za matematiku i
informatiku

Univerzitet u Novom Sadu



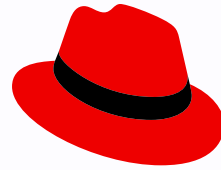
Šta je Linux?

Šta je Linux?

- Operativni sistem
- Podeljen u distribucije (Fedora, Ubuntu, PopOS, Arch Linux)
- Android? (mi ga nećemo računati)
- Distribucije su u srodstvu



debian



Red Hat

slackware
linux

Stablo

Neki drugi termini

- GNU/Linux
- Linuxoliki (eng. Linux like)
- Bazirani na Linux-u (eng. Linux based)

Zašto Linux?

Zašto Linux?

- Serveri
- Embedded sistemi (video nadzor, automobili, ruteri...)
- Superračunari
- Veliki broj poslova zahteva bar osnovno znanje Linux-a
- Jedan od najpogodnijih operativnih sistema za programiranje

Prednosti u programiranju

- Otvorenost koda i sistema
- Prilagodljivost
- Dobra dokumentacija

askubuntu.com
ask.fedoraproject.org
wiki.archlinux.org

Prednosti u uobičajenom korišćenju

- Update-uje se kada mu vi kažete
- Laganiji sistem
- Prilagodljiv

Mane

Mane

- Ne može da porkeće Windows softver*
 - Dobra podrška za igrice (ProtonDB, Lutris)
- Nekompatibilan hardver*
 - U jako specijalnim slučajevima koji su često rešivi

Česti alati

- ~~Microsoft Office~~ LibreOffice
- ~~Adobe Photoshop~~ GIMP, Photopea
- ~~Adobe Illustrator~~ Inkscape
- ~~Adobe Lightroom~~ Darktable
- ~~Adobe Reader~~ Default opcija
 - Okular

Package manager

Package manager

- Zadužen za instaliranje, brisanje i ažuriranje programa
- Provera zavisnih programa i kompatibilnosti

```
# Ubuntu
$ sudo apt install <program>
$ sudo apt upgrade
$ sudo apt purge <program>
# Fedora
$ sudo dnf install <program>
$ sudo dnf update
$ sudo dnf remove <program>
```


Repozitorijumi paketa

- Preuzimanje iz repozitorijuma paketa
- Softver je donekle prošao kontrolu kvaliteta
- Flatpak (Fedora), Snap (Ubuntu), AppImage

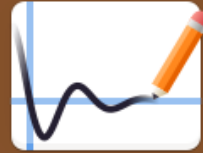
Grafički alati za održavanje paketa



Explore

Installed

Updates



Plots

Simple graph plotting



Create



Work



Play



Socialize



Learn



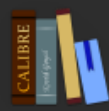
Develop

New & Updated



Bitwig Studio

Modern music production and performance for Wi...



calibre

The one stop solution to all your e-book needs



Bitwarden

A secure and free password manager for al...



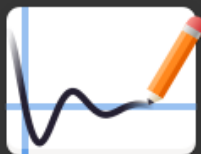
ASHP Demo



Metronome



Vintage Story

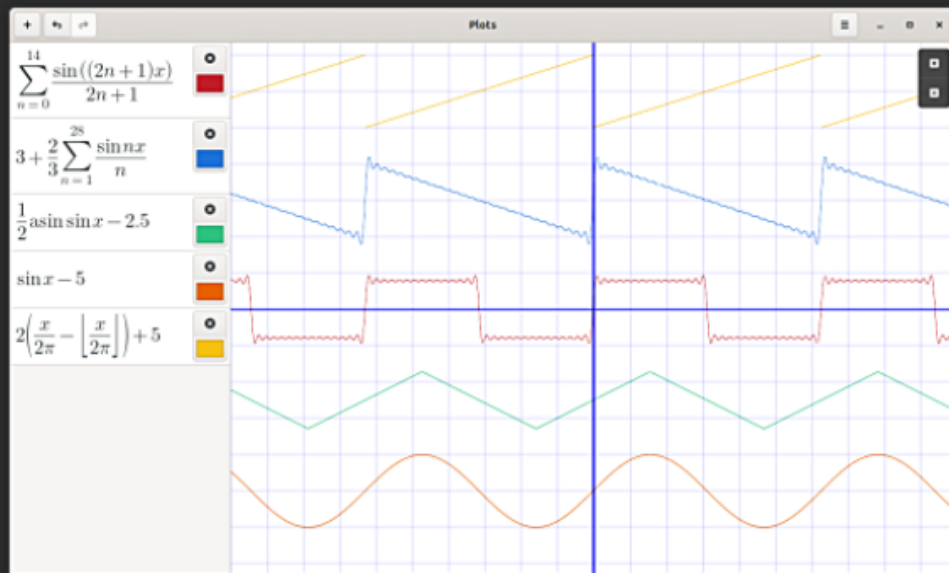


Plots

Alex Huntley



Install



Simple graph plotting

Plots makes it easy to visualise mathematical formulae. In addition to basic arithmetic operations, it supports trigonometric, hyperbolic, exponential and logarithmic functions, as well as arbitrary sums and products.

Plots is designed to integrate well with the GNOME desktop and takes advantage of modern hardware using OpenGL.

Software Management - dnfdragora

File Information Options Help

Software Management

Groups All in names Search Clear search

Name	Summary	Version	Release	Arch	Size	Status
<input type="checkbox"/> accerciser	An interactive Python tool for querying accessibility information	3.22.0	1.mga6	noarch	2985.5K	
<input checked="" type="checkbox"/> at-spi	Assistive Technology Service Provider Interface	1.32.0	13.mga6	x86_64	360.6K	installed
<input type="checkbox"/> at-spi2-core-qt	To enable qt accessibility	2.24.1	1.mga6	x86_64	9.2K	
<input type="checkbox"/> brltty	Braille display driver for Linux/Unix	5.3.1	3.mga6	x86_64	1115.6K	
<input type="checkbox"/> caribou	A simplified in-place on-screen keyboard	0.4.21	1.mga6	x86_64	127.9K	
<input type="checkbox"/> cellwriter	Character-based hardwriting input panel	1.3.5	5.mga6	x86_64	147.0K	
<input checked="" type="checkbox"/> dasher	Graphical predictive text entry system	5.0.0	0.1.beta.mga6	x86_64	30325.0K	installed
<input type="checkbox"/> easystroke	A gesture-recognition application for X11	0.6.0	6.mga6	x86_64	292.8K	
<input type="checkbox"/> gnome-mag	GNOME magnifier	0.16.3	7.mga6	x86_64	163.3K	
<input type="checkbox"/> gnome-shell-extensions-onboard	Shell extension for gnome	1.4.1	1.mga6	x86_64	14.2K	
<input type="checkbox"/> gnome-speech	Simple general API for producing text-to-speech output	0.4.25	13.mga6	x86_64	69.2K	

accerciser - An interactive Python tool for querying accessibility information

An interactive Python accessibility explorer.

Repository: mageia-x86_64

<https://wiki.gnome.org/Accerciser>

[Requirements](#)

Apply Check all Quit

Instaliranje!