

Getting started

with Fedora

Teme

Zašto baš Fedora

Kako probati

Kako izgleda

Distros

Stotine različitih Linux distribucija

Izbor distribucije zavisi od hardvera i preferencija korisnika

Najbolje krenuti od neke popularne distribucije

Fedora, Ubuntu, Linux Mint,...

Zašto Fedora

Zašto Linux?

- Open-source
- Besplatan (često)
- Siguran
- Pouzdan
- Operativni sistem za servere

Zašto Fedora

Zašto Fedora?

- Besplatna
- Najnovije verzije softvera
- Spremna za korišćenje odmah nakon instalacije
- Dovoljno robusna - RedHat proizvod
- Koristi je Linus Torvalds :)

Kako probati

Bez instalacije

- Live

Instalacija

- Virtuelna mašina
- Dual boot
- Standardna instalacija

Live

Live CD ili Live USB

Možemo danas napraviti zajedno

Fedora Media Writer - softver za kreiranje live verzije Fedore na USB flash drive

Sistem se pokreće i radi bez bilo kakvih promena na hard disku

Prilikom startovanja računara izabrati CD ili USB iz boot menija



Virtuelna mašina

Instalacija najlakša iz ISO image fajla

U softveru virtuelne mašine kreirati novu konfiguraciju i podesiti parametre (1GB minimalno ram memorije, 10 GB minimalno hard diska)

Prilikom startovanja podesiti putanju do ISO image fajla odakle će se instalirati sistem

Dobar način za probu ako su preformanse računara dovoljno dobre

Dual boot

Potrebno napraviti mesta na hard disku za još jedan sistem

Obrisati ili smanjiti neku postojeću particiju

MS Windows - Disk Management

Disk Management

File Action View Help



Volume	Layout	Type	File System	Status	Capacity	Free Spa...	% Free
—	Simple	Basic		Healthy (E...)	96 MB	96 MB	100 %
—	Simple	Basic		He	Open		
—	Simple	Basic		He	Explore		
—	Simple	Basic		He			
—	Simple	Basic		He			
—	Simple	Basic		He			
—	Simple	Basic		He			
(C:)	Simple	Basic	NTFS	He			
(D:)	Simple	Basic	NTFS	He			

Right-click context menu for volume (D:)

- Mark Partition as Active
- Change Drive Letter and Paths...
- Format...
- Extend Volume...
- Shrink Volume...
- Add Mirror...
- Delete Volume...
- Properties
- Help

Disk 0

Basic 465.75 GB Online	96 MB Heal	(C) 194.86 GB NTFS Healthy (Boot, Pa	450 ME Healthy	(D) 104.34 GB NT Healthy (Primar	09.65 GB Healthy (Primary
------------------------------	---------------	--	-------------------	--	------------------------------

Disk 1

Removable 3.82 GB Online	45 MB Unallocated	5 MB Health	3.77 GB Unallocated	
--------------------------------	----------------------	----------------	------------------------	--

Legend: ■ Unallocated ■ Primary partition

Dual boot

Prilikom instalacije izabrati instalaciju na slobodan deo hard diska

GRUB - GRand Unified Bootloader

GRUB će kreirati boot meni u kom se bira da li se startuje jedan ili drugi sistem

Dual boot

Mogući problemi:

Potrebno dodati GRUB u UEFI/BIOS boot meniju

Windows reinstalacija će da pregazi GRUB i boot meni pa će biti potrebno ponovo instalirati GRUB

Standardna instalacija

Live CD ili Live USB

Izabrati opciju Install

Tokom instalacije pobrisati postojeće particije i kreirati nove za novi sistem

Nema nazad

Instalacija

Anaconda - Fedora installer

Ima grafički korisnički interfejs

Preporučeni način instalacije

FEDORA 25 INSTALLATION

us

Help!

fedora.
WORKSTATIONfedora^f

WELCOME TO FEDORA 25.

What language would you like to use during the installation process?

ବଡ଼ୀ	Bodo
Bosanski	Bosnian
Català	Catalan
Čeština	Czech
Cymraeg	Welsh
Dansk	Danish
Deutsch	German
Ελληνικά	Greek
English	English ➔
Español	Spanish
Eesti	Estonian
Euskara	Basque
فارسی	Persian
Suomi	Finnish

Type here to search.

English (United States)

English (United Kingdom)

English (India)

English (Australia)

English (Canada)

English (Denmark)

English (Ireland)

English (New Zealand)

English (Nigeria)

English (Hong Kong SAR China)

English (Philippines)

English (Singapore)

English (South Africa)

English (Zambia)

English (Zimbabwe)

English (Pakistan)

Quit

Continue

INSTALLATION SUMMARY

FEDORA 25 INSTALLATION

 us

Help!

LOCALIZATION



KEYBOARD

English (US)



TIME & DATE

Europe/Belgrade timezone

SYSTEM



INSTALLATION DESTINATION

Automatic partitioning selected



NETWORK & HOST NAME

Wired (enp0s3) connected

fedora.
WORKSTATIONfedora^f

Quit

Begin Installation

We won't touch your disks until you click 'Begin Installation'.



Please complete items marked with this icon before continuing to the next step.

INSTALLATION DESTINATION

[Done](#)

FEDORA 25 INSTALLATION

us

[Help!](#)

Device Selection

Select the device(s) you'd like to install to. They will be left untouched until you click on the main menu's "Begin Installation" button.

Local Standard Disks

10 GiB



ATA VBOX HARDDISK

sda / 10 GiB free

Disks left unselected here will not be touched.

Specialized & Network Disks

[Add a disk...](#)*Disks left unselected here will not be touched.*

Other Storage Options

Partitioning

 Automatically configure partitioning. I will configure partitioning. I would like to make additional space available.

Encryption

 Encrypt my data. You'll set a passphrase next.[Full disk summary and boot loader...](#)1 disk selected; 10 GiB capacity; 10 GiB free [Refresh...](#)

MANUAL PARTITIONING

FEDORA 25 INSTALLATION

Done

us

Help!

▼ New Fedora 25 Installation

SYSTEM

/boot

sdal1

1024 MiB ➤

/

fedora-root

8 GiB

swap

fedora-swap

1024 MiB



+ - G

AVAILABLE SPACE

1023 KiB

TOTAL SPACE

10 GiB

1 storage device selected

sda1

Mount Point:

/boot

Device(s):

ATA VBOX HARDDISK (sda)

Modify...

Desired Capacity:

1024 MiB

Device Type:

Standard Partition

 Encrypt

File System:

ext4

 Reformat

Label:

Name:

sdal

Update Settings

Note: The settings you make on this screen will not be applied until you click on the main menu's 'Begin Installation' button.

Reset All

CONFIGURATION

FEDORA 25 INSTALLATION

us

Help!

USER SETTINGS

fedora.
WORKSTATION

ROOT PASSWORD

Root password is not set

USER CREATION

No user will be created

Creating ext4 on /dev/sda1

fedora^f

Using CD or DVD to install Fedora?
Share it with a friend when you are done.

Please complete items marked with this icon before continuing to the next step.

CREATE USER

FEDORA 25 INSTALLATION

Done

us

Help!

Full name

Danijela

User name

danijela

Tip: Keep your user name shorter than 32 characters and do not use spaces.

 Make this user administrator Require a password to use this account

Password

*****|

Strong

Confirm password

*****|

Advanced...

CONFIGURATION

FEDORA 25 INSTALLATION

 us

Help!

USER SETTINGS



ROOT PASSWORD

Root password is set



USER CREATION

Administrator danijela will be created

fedora.
WORKSTATION

Complete!

Fedora is now successfully installed and ready for you to use!
Go ahead and reboot to start using it!

Quit

Instalacija

Nakon restarta sistem se startuje sa hard diska (ako smo izvadili USB/CD)

Activities

Wed 17:10



Type to search...



fedora

Type to search...

Boxes



Calendar



Cheese



Clocks



Contacts



Documents



Evolution



Files



Firefox



LibreOffice C...



LibreOffice ...



LibreOffice I...



LibreOffice ...



Maps



Rhythmbox



Settings



Shotwell



Software



Sundry



Text Editor

Frequent

All

fedora

Type to search...

Fedoraproject.org - Start Page - Mozilla Firefox

https://start.fedoraproject.org

Fedoraproject.org - Start Page - Mozilla Firefox

Latest news from Fedora Magazine:

DEC 07 Endless Sky now available on Fedora

Endless Sky is a 3D space trading and combat game similar to Escape Velocity. The game sets you as a beginner pilot, just having made a down payment on your first starship. You're given a choice between a shuttle... [Continue Reading...](#)

Read more...

DEC 05 Try Fedora in the cloud for free with Dply

Fedoraproject.org 25 is now available on Dply. Dply is a new experimental cloud provider which lets you run an instance for two hours at a time — for free, with no catch. That means that with a few clicks, you...

[Continue Reading...](#)

Read more...

DEC 01 Bitcoin on Fedora with Electrum

Bitcoin is a decentralized digital currency that has no central authority and not tied to any banks. The...

Read more...

Fedoraproject.org - Start Page - Mozilla Firefox

Recent

Home

Documents

Downloads

Music

Pictures

Videos

Trash

+ Other Locations

Desktop

Documents

Downloads

Music

Pictures

Public

Templates

Videos

Home

fedora

Selidba

Prelazak sa Windows-a na Linux je kao selidba u drugu državu

Kada se preselite morate sa naučite kako stvari tamo funkcionišu

I tamo se vozi auto, ali su pravila možda malo drugačija

I tamo se izlazi, ali u drugačije lokale i restorane

Folderska struktura

Ne postoje particije kao na Windows-u C: D:

Svaka particija je mount-ovana na neki folder

Najviši nivo u folderskoj hijerahiji naziva se root i označava sa /

Korisnik sa najvećim privilegijama je root korisnik i njegov folder je root folder

Folderi ostalih korisnika nalaze se u home folderu

A screenshot of a file manager window on a Fedora desktop. The window has a title bar with standard navigation buttons (back, forward, search, etc.) and a toolbar with a search icon, a grid icon, a list icon, and a close button.

The left sidebar contains a list of recent locations and other locations:

- Recent: Home, Documents, Downloads, Music, Pictures, Videos, Trash.
- + Other Locations: opt, proc, root, run, sbin, srv, sys, tmp, usr, var.

The main pane displays a table of system directories:

Name	Size	Modified
1	0 bytes	15 Nov
bin	1,574 items	Yesterday
boot	11 items	Yesterday
dev	183 items	13:08
etc	253 items	13:09
home	1 item	Yesterday
lib	50 items	Yesterday
lib64	2,278 items	Yesterday
media	0 items	3 Feb
mnt	0 items	3 Feb
null	0 bytes	Yesterday
opt	1 item	Yesterday
proc	228 items	13:08
root	? items	Yesterday
run	60 items	13:13
sbin	679 items	Yesterday
srv	0 items	3 Feb
sys	11 items	13:08
tmp	3 items	13:19
usr	11 items	15 Nov
var	23 items	15 Nov

Instalacija softvera

Fedora koristi Package Management System baziran na RPM Package Manager-u

Softver se nalazi na repozitorijumima

Koriste se dva alata za instalaciju softvera

- Grafički alat Software
- Command line alat dnf

All

Installed

Updates



x



Categories

Audio & Video

Communication & News

Productivity

Games

Graphics & Photography

Add-ons



Editor's Picks

Inkscape
★★★★★Transmission
★★★★★Getting Things ...
★★★★★Simple Scan
★★★★★PDF Mod
★★★★★Thunderbird
★★★★★

Recommended Audio & Video Applications

More...

Cheese
★★★★★Banshee
★★★★★Audacity
★★★★★Sound Juicer
★★★★★EasyTAG
★★★★★Pitivi
★★★★★

Recommended Productivity Applications

More...



Installed



Installed



Installed



Installed



Installed



Installed



Installed

danijela@localhost:~

```
File Edit View Search Terminal Help
[danijela@localhost ~]$ sudo dnf install eclipse
[sudo] password for danijela:
Last metadata expiration check: 1:37:28 ago on Thu Dec  8 13:19:26 2016.
Dependencies resolved.
=====
Package           Arch   Version      Repository  Size
=====
Installing:
ant               noarch 1.9.6-3.fc24    fedora     183 k
ant-antlr         noarch 1.9.6-3.fc24    fedora     42 k
ant-apache-bcel   noarch 1.9.6-3.fc24    fedora     44 k
ant-apache-bsf    noarch 1.9.6-3.fc24    fedora     40 k
ant-apache-log4j  noarch 1.9.6-3.fc24    fedora     39 k
ant-apache-oro   noarch 1.9.6-3.fc24    fedora     44 k
ant-apache-regexp noarch 1.9.6-3.fc24    fedora     40 k
ant-apache-resolver noarch 1.9.6-3.fc24    fedora     40 k
ant-apache-xalan2 noarch 1.9.6-3.fc24    fedora     38 k
ant-commons-logging noarch 1.9.6-3.fc24    fedora     40 k
ant-commons-net   noarch 1.9.6-3.fc24    fedora    113 k
ant-javamail       noarch 1.9.6-3.fc24    fedora     44 k
ant-jdepend        noarch 1.9.6-3.fc24    fedora     48 k
ant-jmf            noarch 1.9.6-3.fc24    fedora     42 k
ant-jsch           noarch 1.9.6-3.fc24    fedora     74 k
```

Instalacija softvera

Dnf - bolja varijanta

Opcije: search, install, remove, upgrade,...

Prilikom instalacije softvera instaliraju se i svi dodatni paketi potrebni tom softveru

Softver

Sve veći broj softverskih paketa ima verziju i za linux

Ako nema, onda postoji sličan softver za linux

Java aplikacije ne zavise od operativnog sistema

Wine - alat za pokretanje Windows aplikacija

A screenshot of a file manager window titled "Home". The window has a sidebar on the left containing links to Recent, Home, Documents, Downloads, Music, Pictures, Videos, and Trash, along with a "+ Other Locations" button. The main area displays a table of files and folders in the Home directory:

	Name	Size	Modified
	Desktop	0 items	Wed
	Documents	0 items	Wed
	Downloads	0 items	Wed
	Music	0 items	Wed
	Pictures	0 items	Wed
	Public	0 items	Wed
	Templates	0 items	Wed
	Videos	0 items	Wed

'Krusader'

File Edit Go View Useractions Tools Window Settings Help

< > ^ _ Home _ _ _ _ _ _ _ _ _ _ _ _

1.9 GiB free out of 7.7 GiB (24%) on / [(ext4)]

/home/danijela .. Name Ext Size Modified rwx

Name	Ext	Size	Modified	rwx
..		<DIR>		
.cache		<DIR>	2016-12-09 01:47	rwx
.config		<DIR>	2016-12-09 01:50	rwx
.gimp-2.8		<DIR>	2016-12-09 01:48	rwx
.gnupg		<DIR>	2016-12-08 14:53	rwx
.kde		<DIR>	2016-12-09 01:50	rwx
.local		<DIR>	2016-12-07 17:07	rwx
.mozilla		<DIR>	2016-12-07 17:11	rwx
.ssh		<DIR>	2016-12-08 14:53	rwx
Desktop		<DIR>	2016-12-07 17:07	rwx
Documents		<DIR>	2016-12-07 17:07	rwx
Downloads		<DIR>	2016-12-07 17:07	rwx
Music		<DIR>	2016-12-07 17:07	rwx
Pictures		<DIR>	2016-12-07 17:07	rwx
Public		<DIR>	2016-12-07 17:07	rwx
Templates		<DIR>	2016-12-07 17:07	rwx

1 out of 22, 0 B (0) out of 1.2 KiB (1,198)

danijela

bin boot dev etc home lib lib64 lost+found media mnt opt proc root run sbin srv

1.9 GiB free out of 7.7 GiB (24%) on / [(ext4)]

/ .. _ _ _ _ _ _ _ _ _ _ _ _

Name Ext Size Modified rwx

Name	Ext	Size	Modified	rwx
bin		7 B	2016-02-03 23:10	r-x
boot		<DIR>	2016-12-07 16:53	r-x
dev		<DIR>	2016-12-08 13:08	r-x
etc		<DIR>	2016-12-08 14:59	r-x
home		<DIR>	2016-12-07 16:53	r-x
lib		7 B	2016-02-03 23:10	r-x
lib64		9 B	2016-02-03 23:10	r-x
lost+found		<DIR>	2016-11-15 22:16	---
media		<DIR>	2016-02-03 23:10	r-x
mnt		<DIR>	2016-02-03 23:10	r-x
opt		<DIR>	2016-12-07 17:15	r-x
proc		<DIR>	2016-12-08 13:08	r-x
root		<DIR>	2016-12-08 14:54	---
run		<DIR>	2016-12-08 21:08	r-x
sbin		8 B	2016-02-03 23:10	r-x
srv		<DIR>	2016-02-03 23:10	r-x

1 out of 22, 7 B (7) out of 31 B (31)

/ .. _ _ _ _ _ _ _ _ _ _ _ _

/ danijela

F2 Term F3 View F4 Edit F5 Copy F6 Move F7 Mkdir F8 Delete F9 Rename F10 Quit

Fedora Project - Start Page



https://start.fedoraproject.org

Search



A Red Hat-Sponsored Community Project



Fedora Documentation

Help for Fedora Users

Get Fedora

Latest news from Fedora Magazine:

DEC
09GCC C99 FEATURES
IN FEDORA

C99 features in GCC on Fedora

3

The New C C99 is the C standard ratified by the ANSI and ISO standardization groups. It presents a significant amount of changes to the C language. These changes are the result of sibling competition between C and C++. The initial... [Continue Reading →...](#)

[Read more ...](#)DEC
08

Fedora 23 End of Life

1

With the recent release of Fedora 25, Fedora 23 will officially enter End Of Life (EOL) status on December 20th, 2016. After December 20th, all packages in the Fedora 23 repositories will no longer receive security, bugfix, or enhancement updates,... [Continue Reading →...](#)

[Read more ...](#)DEC
07

Endless Sky now available on Fedora

4

Endless Sky is a 2D space trading and combat game similar to Escape Velocity. The game sets you as a beginning pilot, just having made a down payment on your very first starship. You're given a choice

ODF_text_reference_v1.odt (read-only) - LibreOffice Writer



File Edit View Insert Format Styles Table Tools Window Help



Header left align

Header center

Header right

This is an OpenDocument reference document (OOoNinja v1.0) produced in OpenOffice.org 2.4.0. This document uses a variety of word processor features.

Character formatting

These fonts and font attributes: **bold**, *italics*, underline, ~~strikethrough~~, ^{superscript}, _{subscript}, SMALL CAPS, ALL CAPS, Times New Roman, Arial, Arial 8 pt, Courier New, red foreground, blue, green, yellow highlight. Here are an external [hyperlink](#), a [bookmark](#) jump to the ordered list, and a footnote¹.

When editing, it is helpful to track [edits](#) [changes](#) or add comments.

Paragraph formatting

This paragraph is indented left 1 inch and right 1 inch. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris pellentesque nulla nec est.

This paragraph is centered

This paragraph is right aligned.

This paragraph has a blue outline.

This is an ordered list:

1. One
2. Two
3. Three

This is a comment

name
03/29/2008

Activities

GNU Image Manipulation Program

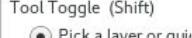
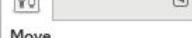
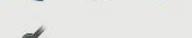
Fri 19:42



*[Montblanc] (imported)-1.0 (RGB color, 1 layer) 1440x900 - GIMP

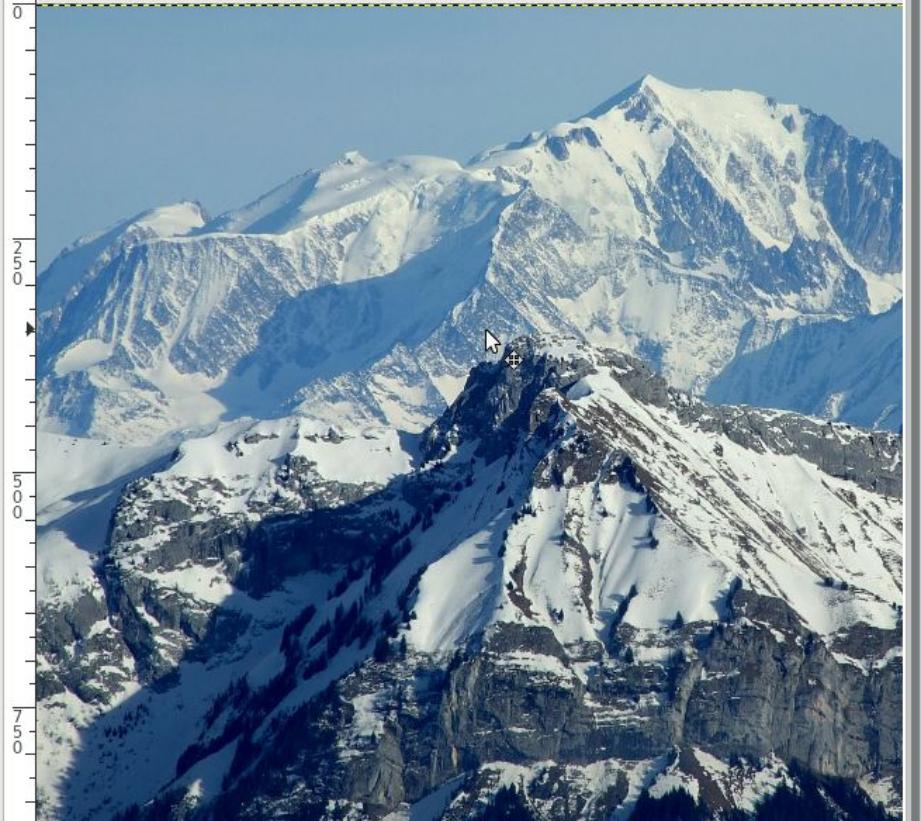


File Edit Select View Image Layer Colors Tools Filters Windows Help



250 | 500 | 750 | 1000

0



Mode: Normal

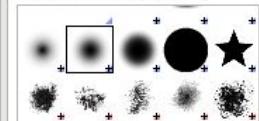
Opacity: 100.0

Lock:

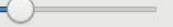


filter

2. Hardness 050 (51 x 51)



Nouvelle Vague - Dance With Me (by The Lords Of The New Church) x

◀ ▶ ⏸ ⏹  Dance With Me (b... by Nouvelle Vague from... - 3:00 / 3:40 

Library

- Play Queue
- Music**
- Podcasts
- Last.fm
- Libre.fm
- Radio

Playlists

- My Top Rated
- Recently Added
- Recently Played

Edit Browse View All Import

	Track	Title	Genre	Artist	Album
1		The Killing Moon (Origin...	Easy Listening	Nouvelle Vague	Bande A' Part
2		Ever Fallen In Love (by ...	Easy Listening	Nouvelle Vague	Bande A' Part
3	▶	Dance With Me (by The ...	Easy Listening	Nouvelle Vague	Bande A' Part
4		Don't Go (by Yazoo)	Easy Listening	Nouvelle Vague	Bande A' Part
5		Dancing With Myself (by...	Easy Listening	Nouvelle Vague	Bande A' Part
6		Heart Of Glass (by Blon...	Easy Listening	Nouvelle Vague	Bande A' Part
7		O Pamela (by The Wake)	Easy Listening	Nouvelle Vague	Bande A' Part
8		Blue Monday (by New O...	Easy Listening	Nouvelle Vague	Bande A' Part
9		Human Fly (by The Cra...	Easy Listening	Nouvelle Vague	Bande A' Part
10		Bela Lugosi's Dead (by B...	Easy Listening	Nouvelle Vague	Bande A' Part
11		Escape Myself (by The ...	Easy Listening	Nouvelle Vague	Bande A' Part
12		Let Me Go (by Heaven 1...	Easy Listening	Nouvelle Vague	Bande A' Part
13		Fade To Grey (by Visage)	Easy Listening	Nouvelle Vague	Bande A' Part
14		Waves (by Blancmange)	Easy Listening	Nouvelle Vague	Bande A' Part
15		Sweet & Tender Hoolig...	Easy Listening	Nouvelle Vague	Bande A' Part

+ - ▲

18 songs, 1 hour and 6 minutes, 159.8 MB



Beauty and the Beast



0:36

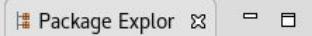


-1:31

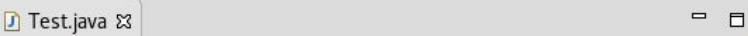


workspace - Java - Fedora/src/Test.java - Eclipse Platform

File Edit Source Refactor Navigate Search Project Run Window Help



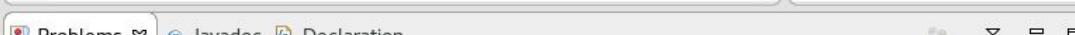
Fedora
 src
 (default package)
 Test.java
JRE System Library [JavaS]



```
public class Test {  
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
    }  
}
```



Test
 main(String[]): void



0 items

Description	Resource	Path	Location	Type
-------------	----------	------	----------	------

Zaključak

Piece of cake!

Ne ide sve tako lako i jednostavno

Podrška od zajednice

Dobra prilika da se upoznate sa linuxom

Što više problema imate više naučite





Power Off

The system will power off automatically in 60 seconds.

Cancel

Restart

Power Off