

IN THE NAME OF GOD



Presenter: Saeed Yazdani

**Fedora**

# Based on ...?



RedHat Package Manager

Community-supported Linux distribution  
sponsored by Red Hat

# Users?

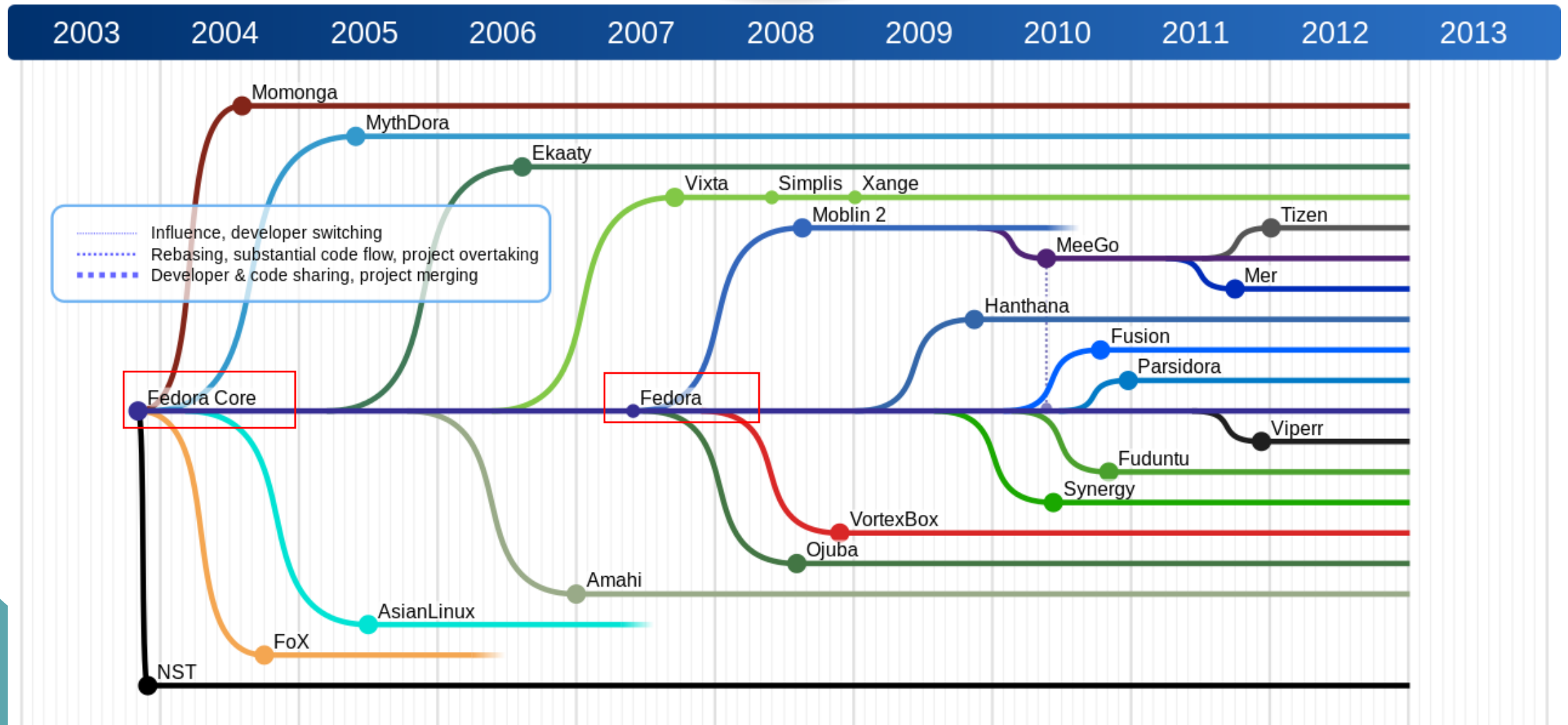
- It is particularly used by the
  - technology professionals,
  - digital artists,
  - software developers,
  - gamers,
  - students and academia.

# Fedora Family Tree

Based on GLDT version 12.10

A. Lundqvist, D. Rodic - [futurist.se/gldt](http://futurist.se/gldt)

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release history

Version	Release	End-of-life	Kernel	GNOME
22	2015-05-26	2016-07-19	4.0	3.16
23	2015-11-03	2016-12-20	4.2	3.18
24	2016-06-21	2017-08-08	4.5	3.20
25	2016-11-22	2017-12-12	4.8	3.22
26	2017-07-11	2018-05-29	4.11	3.24
27	2017-11-14	2018-11-30	4.13	3.26
28	2018-05-01	2019-05-28	4.16	3.28
29	2018-10-30	2019-11-26	4.18	3.30
30	2019-05-07	2020-05-26	5.0	3.32
31	2019-10-29	2020-11-24	5.3	3.34
32	2020-04-28	2021-05-25	5.6	3.36
33	2020-10-27 <sup>[6]</sup>	2021-12-01 <sup>[7]</sup>	5.8	3.38
34	2021-04-27 <sup>[8]</sup>	2022-06-01 <sup>[9]</sup>	5.11	40 <sup>[10]</sup>
35	2021-11-02 <sup>[11]</sup>	2022-12-07 <sup>[12]</sup>	5.15	41
36	2022-05-10 <sup>[13]</sup>	2023-05-16 <sup>[14]</sup>	5.17	42
37	2022-10-18 <sup>[15]</sup>	2023-11-22 <sup>[16]</sup>	N/A	N/A
Legend:	Old version	Older version, still maintained	Latest version	Future release



## Welcome to Freedom.

Fedora creates an innovative, free, and open source platform for hardware, clouds, and containers that enables software developers and community members to build tailored solutions for their users.

<https://getfedora.org>

Since the release of Fedora 30, five different editions are currently available:

*Workstation*, focused on the *personal computer*,

*Server* for *servers*,

--*CoreOS*, focused on cloud computing,

--*Silverblue*, focused on an immutable desktop specialized to container-based workflows and

*IoT*, focused on *IoT* devices.





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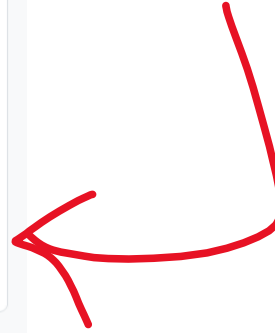
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Intel & amd

Fedora requires a minimum of 20GB disk, 2GB RAM



# Features

## *Package management*

Most Fedora Linux editions use the **RPM** package management system, using **DNF** as a tool to manage the RPM packages.

## *Security*

Fedora provides a hardening wrapper, and does hardening for all of its packages by using compiler features such as *position-independent executable (PIE)*.

# Features

## *Software*

Fedora Linux comes preinstalled with a wide range of software such as [LibreOffice](#) and [Firefox](#). Additional software is available from the [software repositories](#) and can be installed using the [DNF](#) package manager or [GNOME Software](#).

## *System installer*

Fedora Linux uses [Anaconda](#) as the system installer

# Environment



The background is a solid teal color. On the left side, there is a large, semi-transparent circle of a slightly darker teal shade. A thin, dark teal horizontal line runs across the middle of the image, just below the text.

Good luck