

#AdoptYourOwnPenguin

Linux Install Party

Christoph Großmann & Lea Laux

Ministry of Silly Walks



1 Introduction to Linux

- Some information about Linux
- Advantages of Linux
- Linux distributions

2 A selection of noteworthy distributions

- Debian
- Ubuntu
- Arch and Manjaro
- Linux Mint

3 How to adopt a penguin

- Figure out which Distro fits your needs
- Linux installation

4 How to handle a penguin

- Installing and updating software
- Troubleshooting

5 References

Introduction to Linux



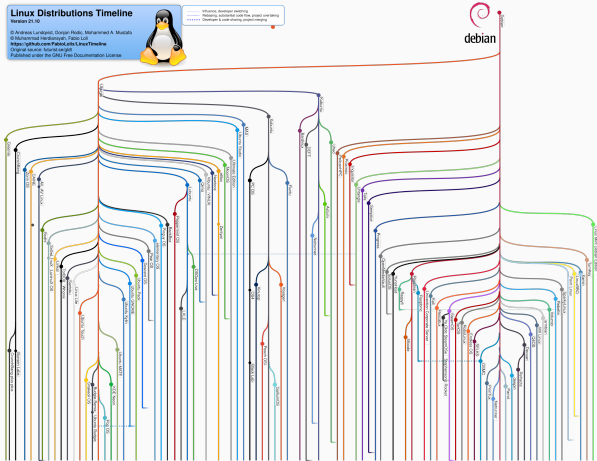


- Operating systems based on the Linux kernel
- (Mostly) open source
- Fit for a range of different use cases:
 - Desktop computers
 - Server
 - Smartphones
 - TVs
 - Tablets
 - IoT devices
 - ...



- Open source
- Free
- A system under your exclusive control
- Multi-purpose
- Extremely customisable
- Package managers
- ...

There are some closed source programs. Most distributions give you the option whether to use them or not. Further there are some paid for Linux distributions but those are not particularly interesting for personal use.



Well known distros:

- Debian
- Ubuntu
- Arch
- Manjaro
- openSuse
- Red Hat
- Fedora
- Kali
- ...

Figure: Excerpt from the Linux distro tree for Debian [1]

See DistroWatch[2] for a comprehensive list of all Linux distributions.

A selection of noteworthy distributions





bla, bla, bla, ...



bla, bla, bla, ...



bla, bla, bla, ...



bla, bla, bla, ...

How to adopt a penguin





bla, bla, bla, ...



1. Choose the distro you want to install.
2. Download the .iso-file you want.
3. Write the .iso-file to USB-stick.
4. Start your pc and enter the boot loader menu
5. Boot using the USB-stick as boot medium.
6. Go through all installer steps and wait for the installation to finish.
7. Well done, you've got yourself a Linux!

How to handle a penguin





bla, bla, bla, ...



bla, bla, bla, ...



- [1] J. Klooster.
Distribution graph.
<https://github.com/jappeace/distrowatch1graph1svg>.
Accessed on 2022-06-19.
- [2] Unsigned Integer Limited.
Distrowatch.
<https://distrowatch.com/>.
Accessed on 2022-06-19.



Flux is a modern style beamer presentation. It is provided as a work in progress version and may suffer from inconsistencies. Sources and complementary information are available at:

`github.com/pvanberg/flux-beamer`

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Flux is inspired by **Metropolis** theme from Matthias Vogelgesang:

`https://github.com/matze/mtheme`



This presentation builds upon a presentation by Lea Laux, which you can find here:

<https://github.com/LeaRain/LinuxInstallParty>

This exact presentation can be found here:

<https://github.com/christoph-grossmann/AdoptYourOwnPenguin>

**Have fun with
your new
penguin!**

