### Applied Math, Life, Germany

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## **Contents**

Introduction	Z
Unix, Lmnux, POSIX, and Beyond	3
Installation First	<b>5</b>
	5
References	<i>7</i>
Abbroviations and Agranymsi	Q

### Introduction

So I have decided to write a book.

### Unix, Lmnux, POSIX, and Beyond

#### General/Offline/Classic Style

- LPI Linux Essentials pdf
- LPI Web Development Essentials pdf
- LPI LPIC-1 Exam 101 pdf
- LPI LPIC-1 Exam 101 pdf
- The LPIC2 Exam Prep pdf
- Practical LPIC-3 300 Link

#### Details/Online/Wiki Style

· Arch Wiki Link

#### Important Books/Pdfs/Links

- USB flash installation medium Link
- SSH Key Generation Link
- Linux from Scratch Link
- Filesystem Hierarchy Standard pdf
- · DistroWatch Link

#### **Historical/Cultural References**

- Unix: A History and a Memoir by Brian Kernighan Link
- · Just for Fun by Linus Torvalds Link
- Free Software, Free Society by Richard M. Stallman pdf
- Open Sources by Legends of Open Source pdf
- Open Sources 2.0 by Legends of Open Source Link

#### My Horsemen of the Apocalypse

- · Hardware: Apple
- An Online Linux Terminal Emulator: JSLinux
- Hypervisor: VirtualBox, UTM
- OS: Darwin
- Package Manager: brew

• Terminal Emulator: kitty or Alacritty

• Interactive Shell: zsh Scripting Shell: bash

• Zsh Configuration Framework: ohmyzsh

• Terminal Text Editor: vim GUI Text Editor: Visual Studio Code

• Terminal Multiplexer: tmux

• Modern Linux Tools: Modern Linux

### Installation

This is the installation chapter.

For further information, check the Introduction chapter.

For further information, check the this chapter.

For further information, check the this chapter's subsection section.

### **First**

This is the first subsection. Please, admire the gloriousnes of Figure 1.



Figure 1: A cool seagull.

#### Second

This is the second subsection.

Please, check First subsection.

Please, check this subsection.

Please, check Table 1.

Table 1: This is an example table.

Index	Name
0	AAA
1	BBB
	•••

### **Third**

Formula example:  $\mu = \sum_{i=0}^N \frac{x_i}{N}$ 

Now, full size:

$$\mu = \sum_{i=0}^{N} \frac{x_i}{N}$$

And a code sample:

def hello\_world
 puts "hello world!"
end

hello\_world

Check these unicode characters: Æß¢ð€ðŋµ

## References

- https://www.google.com/https://www.wikipedia.org/https://stackexchange.com/

# **Abbreviations and Acronymsi**

• ASCII: American Standard Code for Information Interchange