

Linux Fundamentals

Bok, JongSoon
javaexpert@nate.com
<https://github.com/swacademy/fss/tree/main/Linux>

Introduction

- Name
- Address to live
- Career
- Programming, networking, database experience
- Product experience
- Expectations for the course

Course Materials

- Operating System
 - Ubuntu Desktop, Ubuntu Server
- Lesson Guide files (pdf format)
- Textbooks (Option)
- PDF Reader (e.g. [Acrobat Reader](#) or [FoxitReader](#))
- Hypervisor : [Oracle VirtualBox 7](#)
- SSH Tools : [Tabby](#)

Prerequisites

- Basic knowledge of Computer Architecture
- Hardware & Software
- Basic Computer Data Structure
- Familiarity with basic Operating Systems functions

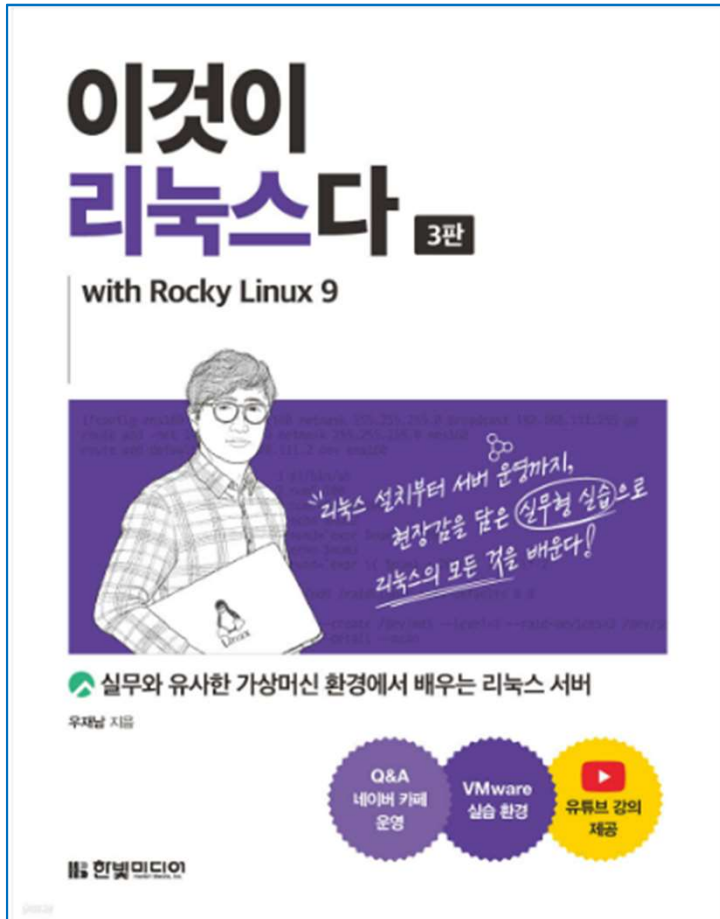
Course Outline

- Chapter 1 : What is Linux
- Chapter 2 : Installation Ubuntu 22.04 LTS & 6 Things to do After Installation Ubuntu
- Chapter 3 : Using the Shell
- Chapter 4 : Basic Shell Commands
- Chapter 5 : Managing Users and Groups
- Chapter 6 : Using VI Editor
- Chapter 7 : Working with Files

Course Outline (Cont.)

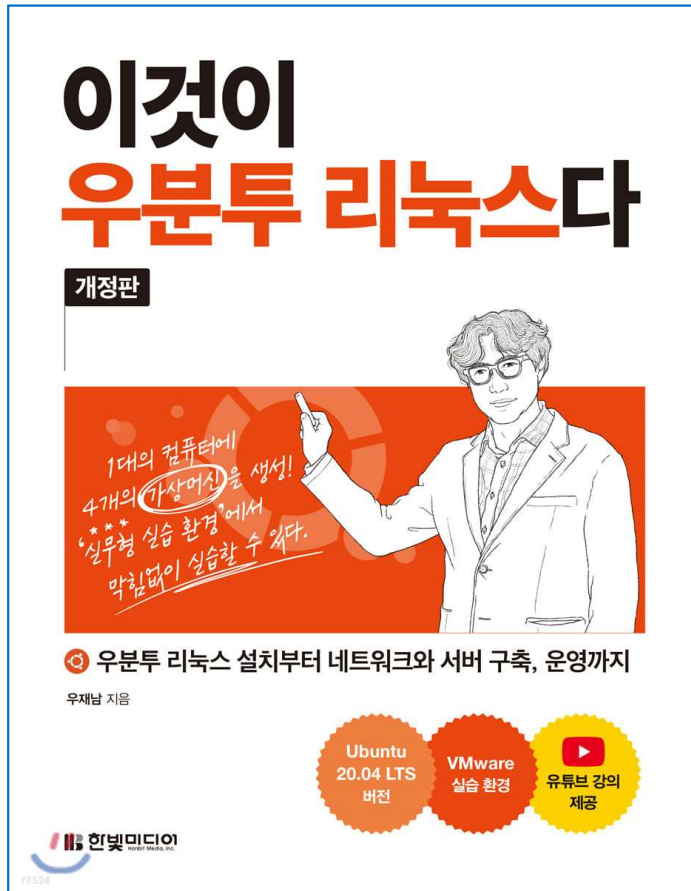
- Chapter 8 : Linux Process Management
- Chapter 9 : Linux Service Management
- Chapter 10 : Linux Software Management
- Chapter 11 : Linux Bash Shell
- Chapter 12 : Linux Bash Shell Scripting
- Chapter 13 : Linux Networking

Books



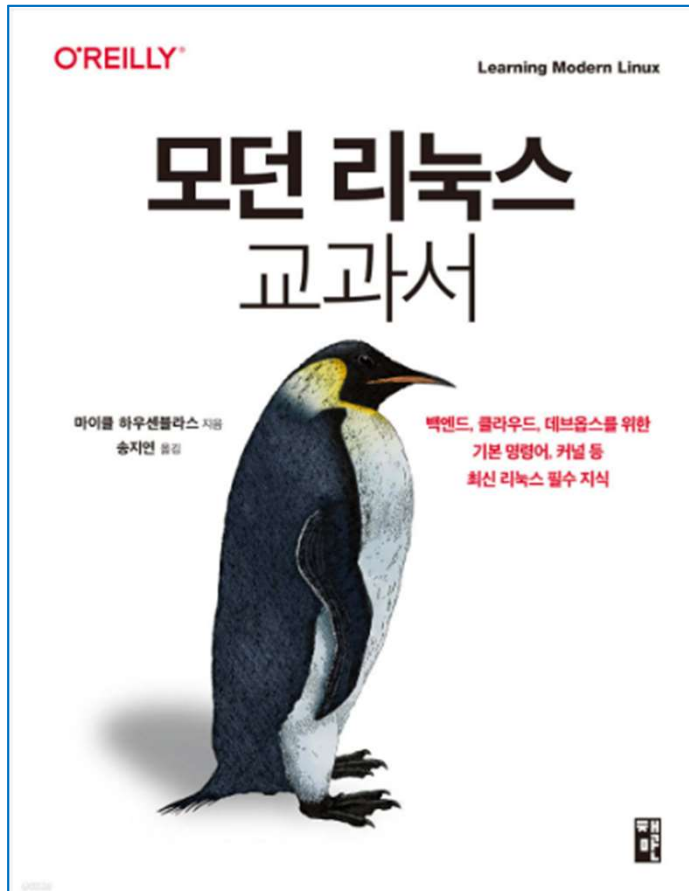
- 이것이 리눅스다 with Rocky Linux 9 [3판]
- 우재남
- 한빛미디어
- 9791169210706
- Feb. 24, 2023
- <https://www.yes24.com/Product/Goods/117646977>

Books



- 이것이 우분투 리눅스다(개정판)
- 우재남
- 한빛미디어
- 9791162243589
- Nov. 2, 2020
- <http://www.yes24.com/Product/Goods/94484054>

Books



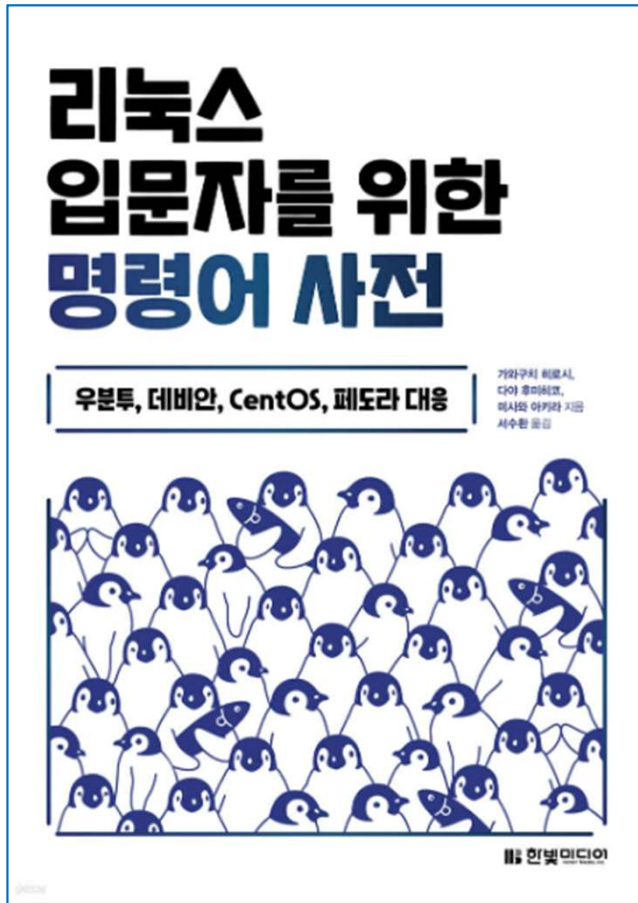
- 모던 리눅스 교과서
- 마이클 하우센블라스 저/송지연 역
- 책만
- 9791189909567
- Oct. 18, 2023
- <https://www.yes24.com/Product/Goods/122880331>

Books



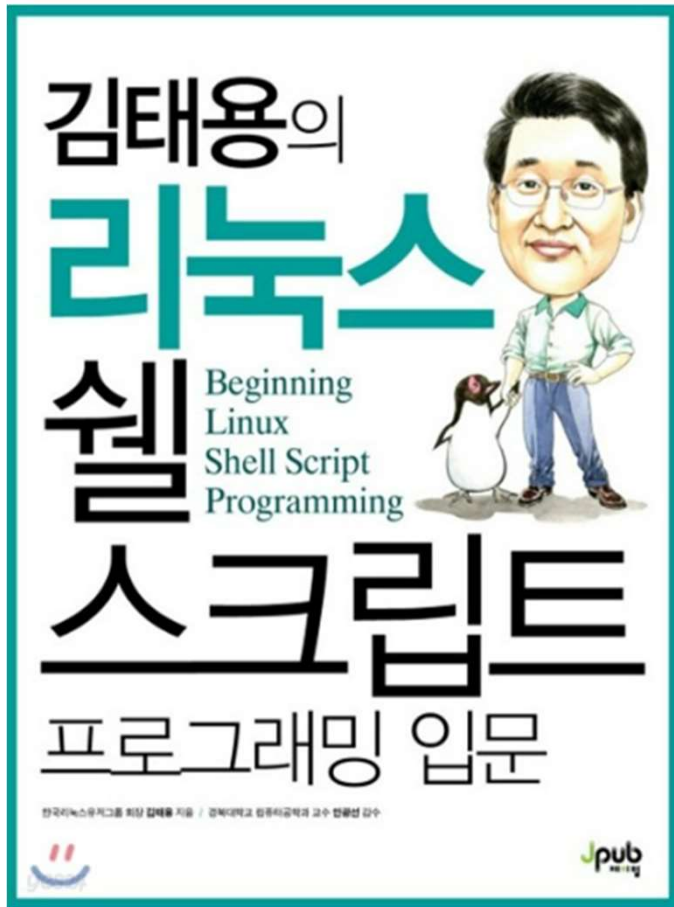
- 우분투 리눅스 [3판]
- 이종원
- 한빛아카데미
- 9791156646075
- Jun. 30, 2022
- <https://www.yes24.com/Product/Goods/110440162>

Books



- 리눅스 입문자를 위한 명령어 사전
- 가와구치 히로시 외 2인 저/서수환 역
- 한빛미디어
- 9791162244517
- Jul. 7, 2021
- <https://www.yes24.com/Product/Goods/102467714>

Books



- 김태용의 리눅스 쉘 스크립트 프로그래밍 입문
- 김태용
- 제이펍
- 9788996241027
- Sep. 30, 2009
- <https://www.yes24.com/Product/Goods/3538385>

Learning Sites

- 이것이 우분투 리눅스다 저자 직강
 - <https://www.youtube.com/watch?v=pSuHUNghIeM&list=PLVsNizTWUw7FJot9rAiWBJN3V9EZFBFZX>
- 생활 코딩 Linux 강좌
 - <https://opentutorials.org/course/2598>
- CentOS 7 설치부터 웹서버 구축까지
 - <https://edu.goorm.io/lecture/25119/centos-7-%EC%84%A4%EC%B9%98%EB%B6%80%ED%84%B0-%EC%9B%B9%EC%84%9C%EB%B2%84-%EA%B5%AC%EC%B6%95%EA%B9%8C%EC%A7%80>
- 따배런
 - <https://www.youtube.com/@ttabae-learn4274>

Learning Sites

■ step.or.kr 리눅스 강좌

The screenshot shows the STEP website interface. At the top, there is a search bar with the text "배우고 싶은 과목을 검색하세요." and a navigation menu with links: 전체과정, STEP스토어, STEP위키, 고객센터, 스토어강의실, and 스마트혼합훈련. Below the navigation menu is a banner with the text "통합검색".

The main content area displays search results for "리눅스" (Linux), showing a total of 17 results. Below the search bar, there is a filter bar with the following categories and counts:

전체	e-koreatech	STEP스토어	STEP위키	인클럽	공지사항	자료실
17	9	0	8	0	0	0

Below the filter bar, the results for "e-koreatech" are displayed, showing 9 items. The first four items are:

- 리눅스 시스템과 네트워크 프로그래밍 (Linux System and Network Programming)
- 리눅스 시스템과 네트워크 프로그래밍_2 (Linux System and Network Programming_2)
- 리눅스 시스템과 네트워크 프로그래밍_1 (Linux System and Network Programming_1)
- 응용 SW 기초 기술 활용 part 1 (Application SW Basic Technology Utilization part 1)

Each item includes a thumbnail image, the course title, the provider (온라인평생교육원), and the cost (교육비 무료). There is also a "더보기 +" button to view more results.

Learning Sites

You  **udemy** **coursera**

References

- Ubuntu documentation

- <https://help.ubuntu.com/>

- Ubuntu wiki

- <https://wiki.ubuntu.com/>

- Ubuntu 22.04 Essentials

- <https://www.answerstopia.com/ubuntu/ubuntu-essentials/>

- Old version releases

- <http://old-releases.ubuntu.com/>