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List of Operating Systems and Links

👤 **wbi**   🕐 **June 26, 2019**

Table of Operating Systems (Written for educational purposes)

Also visit the operating system topic on github:
https://github.com/topics/operating-system and
https://archiveos.org/. Another intersting list is
https://wiki.osdev.org/Notable_Projects

Name	Description	Homepage	Source
xv6	Unix Version 6 clone	https://github.com/mit-pdos/xv6-public	https:/ dos/xv
MMURTL – Message-Based Multitasking Real-Time Kernel	Open Source along with the book as PDF	http://www.ipdatacorp.com/mmurtl/	https:/ tor/M
tyndur	The OS acompanying **http://www.lowlevel.eu**	**http://www.lowlevel.eu**	**https: owlev**
thor-os			**https: htour**
kylecs			**https: cs/Ke**
Q-Operating-System			**https: hydap ystem**
eduOS	RTWH Aachen educational OS		**https: o/edu**
Syllable		**https://archiveos.org/syllable/**	
AtheOS			
Haiku			

Contiki		http://contiki-os.org/	[https: tiki-o](#)
intermezzos			[https: ub.io/](#)
DexOS		http://dex-os.github.io/	

General Concepts

- https://www.usna.edu/Users/cs/aviv/classes/ic221/s16/lec/1/lec.h
- [Posix Specification](#)
- [ELF file format](#)
- [ELF on LWN.net](#)
- https://stackoverflow.com/questions/18133812/where-is-the-x86-64-system-v-abi-documented

Links (Intel, AMD)

- http://www.brokenthorn.com/Resources/OSDevIndex.html
- http://www.lowlevel.eu
- https://wiki.osdev.org
- https://wiki.osdev.org/James_Molloy%27s_Tutorial_Known_Bug
- http://www.jamesmolloy.co.uk/tutorial_html/
- http://www.osdever.net/tutorials/
- http://www.osdever.net/bkerndev/index.php
- https://github.com/cfenollosa/os-tutorial
- https://littleosbook.github.io/
- https://lwn.net/Articles/253361/

- https://manybutfinite.com/post/memory-translation-and-segmentation/
- http://www.fysnet.net/osdesign_book_series.htm

Links (ARM)

- https://www.cl.cam.ac.uk/projects/raspberrypi/tutorials/os/
- https://github.com/s-matyukevich/raspberry-pi-os
- https://wiki.osdev.org/ARM_RaspberryPi
- https://wiki.osdev.org/ARM_RaspberryPi_Tutorial_C
- https://github.com/bztsrc/raspi3-tutorial
- https://github.com/s-matyukevich/raspberry-pi-os

Linux

- https://0xax.gitbooks.io/linux-insides/content/

Unix

- http://www.lemis.com/grog/Documentation/Lions/index.php

Rust

- https://os.phil-opp.com/
- https://intermezzos.github.io/

Paging, Memory Management

- **http://www.osdever.net/tutorials/view/memory-management-1**
- **http://www.jamesmolloy.co.uk/tutorial_html/6.-Paging.html**

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