Embedded Linux (online)
Bibliography

Here's a short list of some of the books I've found particularly useful in understanding the various nuances of Linux.

Abbott, Doug, *Linux for Embedded and Real-time Applications 3rd Edition*, Newnes, 2013. Can't pass up a little shameless self-promotion.

Abbott, Doug, *Embedded Linux Development using Eclipse*, Newnes, 2008. Goes into considerable detail about all the features of Eclipse that are of interest to embedded programmers.

Sobell, Mark G., *A Practical Guide to Linux*. This book has been my bible and constant companion since I started climbing that steep Linux learning curve. It's an excellent beginner's guide to Linux and Unix-like systems in general, although having been published in 1997 it is getting a bit dated and hard to find. It has been superseded by…

Sobell, Mark G., *A Practical Guide to Linux Commands, Editors, and Shell Programming*

Mecklenburg, Robert, *Managing Project with GNU Make 3rd Edition*, O'Reilly, 2005. This is the bible when you're ready to fully understand and exploit the power of make.

Matthew, Niel and Richard Stone, *Beginning Linux Programming 3rd Edition*, Wrox Press, 2003. An excellent guide to Unix/Linux programming. I happen to have the 2nd edition.

Rubini, Alessandro, Jonathan Corbet, and Greg Kroah-Hartman, *Linux Device Drivers, 3nd Ed.*, O'Reilly, 2005. This is a very thorough and readable treatment of device drivers and programming at the level of kernel APIs. It's getting rather long in the tooth and rumor has it that a fourth edition is due in October.

Venkateswaran, Sreekrishnan, *Essential Linux Device Drivers*, Prentice Hall, 2008. The Rubini book only goes up to about kernel version 2.6.10. This book covers more recent developments in the driver area, although by now it too is a little behind.

Yaghmour, Karim, Jon Masters, Gilad Ben-Yossef, Philippe Gerum, *Building Embedded Linux Systems 2nd Edition*, O'Reilly, 2008. One of the better books on embedded Linux. Quite thorough.

Jones, M. Tim, *TCP/IP Application Layer Protocols for Embedded Systems*, Charles River Media, 2002. The idea of adding a <DATA> tag to HTML came from this book. It covers a wide range of application-level network protocols that can be useful in embedded scenarios.

Butenhof, David R., *Programming with POSIX Threads*, Addison-Wesley, 1997. A thorough introduction to Posix threads and the intricacies of multi-tasking programming

Love, Robert, *Linux Kernel Development, 2nd Ed.*, Novell Press, 2005. When you're ready to go beyond device drivers and dive into the kernel itself, here's the place to start.