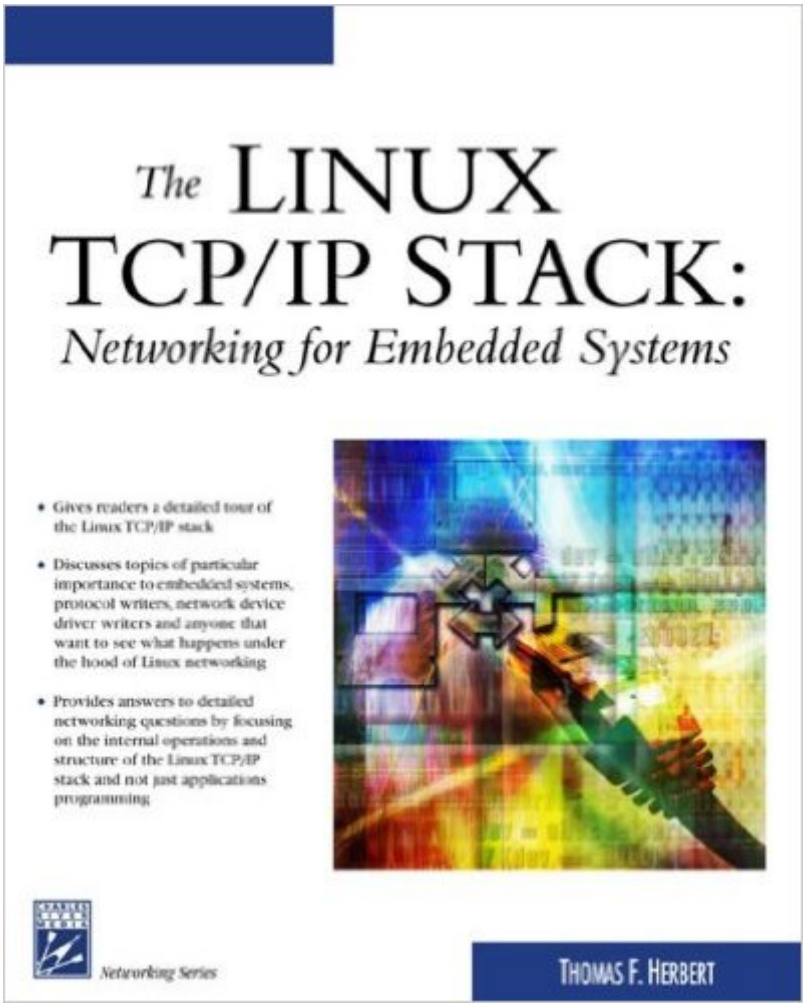
The Linux TCP/IP Stack: Networking For Embedded Systems (Networking Series)



Synopsis

The Linux TCP/IP Stack: Networking for Embedded Systems provides an in-depth guide to implementing and using the Linux TCP/IP stack in embedded systems projects. It begins with a general overview of TCP/IP networking, with background information on applicable networking standards. From there, it details the TCP/IP implementation in Linux 2.6 by following a packet of data as it flows through the stack from the sending system, out the wire, and back through the input side of the stack in the receiving machine. This unique approach gives programmers an "inside" look at the entire process. Throughout the text, topics of particular interest to engineers implementing embedded systems are discussed, such as sockets, network interfaces, application layer protocols, and practical considerations. This is a great resource for embedded systems programmers and engineers, as well as networking professionals interested in learning more about the implementation of Linux TCP/IP in the 2.6 kernel.

Book Information

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Average Customer Review: 4.4 out of 5 starsÂ Â See all reviewsÂ (7 customer reviews)

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Customer Reviews

Loads of info, all’s good, but it’s a struggle. I mean, explanations don’t match the pictures, a lot of redundancies in the text (that make you wonder if perchance they’re not redundancies and force you to backtrack -- to no avail, ’cause they *are* redundancies); strange hyphenation habits ("pre-pending and removal"... well, then make it "re-moval", be consistent, at least... "pre-allocated",

"de-allocated", etc.); on one line it's "sk_buff" on the next it's "skb" -- I mean THIS IS NOT POETRY! This is a lot of precise, dumb and boring literal-minded stuff that, in order to be understood, HAS TO BE RIGHT! every time, all the time). p.256, "The array of frags is placed in memory ... It can contain as many as six pages in the array." In which array? Does this mean IT ITSELF contains six pages of memory, or does mean that it happens to be in possession of yet another array -- and it is this other array that holds the aforementioned memory pages?OK, it is an unfortunate fact of life that techies are massively deprived of the aptitude for verbal communication, fine, but where's the editor? It's a fifty-dollar book, for chrissakes. The book is very irritating in this respect.Otoh, it's got a lot of good stuff, so, in a paroxysm of charitableness, I'll give it four stars after all. But it's darn hard to read, 'cause the author, though he knows his stuff, is an inarticulate turdhead, and the editor took a nap -- 'cause, you know, you'll buy it anyway, why bother.Four stars, but only this time.PS. Be sceptical about the review by John Matlock "Gunny" (right below here). This guy cannot possibly have read what he's reviewed; to convince yourself, please visit his reviews page and count the number of reviews he posts daily, every day, since the beginning of time.

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