NFS Illustrated (Addison-Wesley Professional Computing Series)

Von Brent Callaghan
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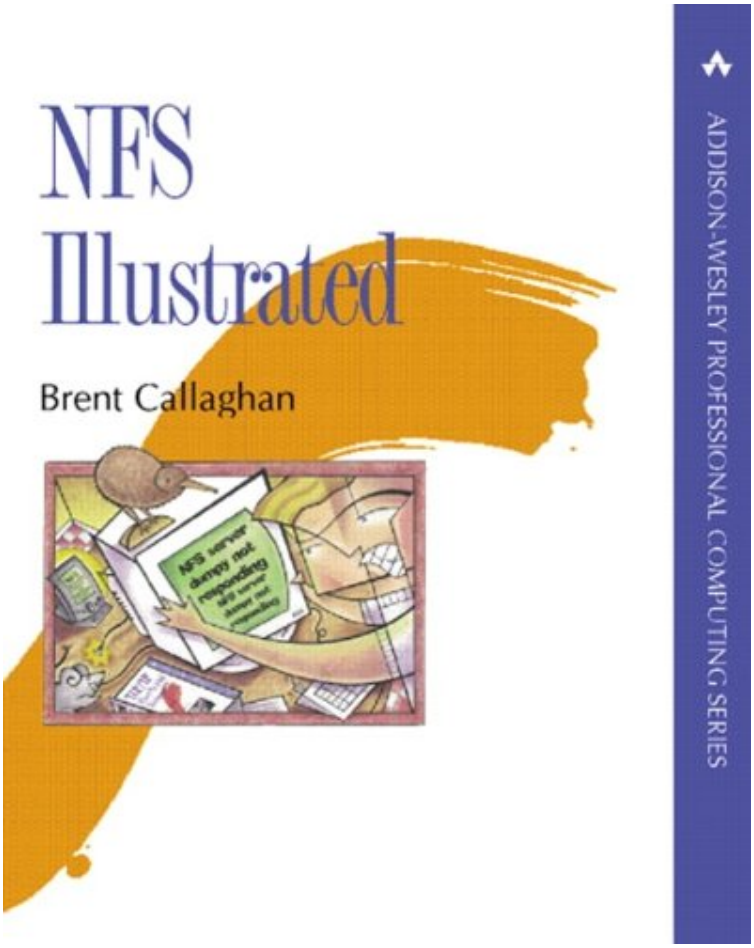

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Von Brent Callaghan : NFS Illustrated (Addison-Wesley Professional Computing Series) before purchasing it in order to gage whether or not it would be worth my time, and all praised NFS Illustrated (Addison-Wesley Professional Computing Series):

KundenrezensionenHilfreichste Kundenrezensionen1 von 1 Kunden fanden die folgende Rezension hilfreich. Vollstndig, detailliert, interessant und verstndlichVon gdirNFS Illustrated ist eines der besten Bcher, das ich besitze - einfach klasse!Das Buch behandelt neben den NFS zu Grunde liegenden Protokollen XDR und RPC vorallem die Protokolle der NFS Versionen 2 und 3. Die Betonung liegt auf der Beschreibung der Protokolle und nicht auf den (notgedrungen plattformabhngigen) Implementierungen. Dadurch ist das Buch nicht nur fr eine bestimmte Plattform wie Solaris oder Linux geeignet, sondern allgemein gltig. Der Autor versumt es dennoch nicht, auf typische Eigenschaften bestimmter Implementierungen einzugehen. Die zustzlich zu NFS bentigten Protokolle (Mount, Lock Manager, ...) werden ebenfalls besprochen. Auch Konkurrenten (AFS, ...) bzw. Weiterentwicklungen (NFS 4) werden detailliert beschrieben. Alle Funktionsbeschreibungen werden durch snoop-Protokolle ergnzt.Das Buch kann ich allen

Entwicklern und System-Administratoren nur eindringlich empfehlen. Unverzichtbar.

KurzbeschreibungThe Network File System (NFS) protocol that enables remote access to files is now a key element of any LAN. It is also currently and increasingly used as a key technology with the Web and wide area networks. Written for programmers creating NFS-based applications, network engineers creating new implementations of NFS, and network managers, NFS Illustrated promotes a thorough understanding of that protocol through extensive diagrams and real protocol traces that show NFS in action. Covering NFS versions 2 and 3, the book also looks into WebNFS and the new NFS version 4, with Internet support. Detailed and authoritative, the book not only examines NFS in depth, but also describes the protocols that underlie and support it, including External Data Representation (XDR), Remote Procedure Call (RPC), the NFS MOUNT protocol, and the NFS Lock Manager protocol. It discusses several NFS variants and compares NFS to a number of alternative file systems. You will find a detailed discussion on the NFS filesystem model and a procedure-by-procedure description of NFS versions 2 and 3, illustrated through the use of snoop traces that capture and display protocol packets from the network. In addition, the book addresses real-world implementation issues faced by those building an NFS client or server, factors that affect NFS performance, and critical performance benchmarks. Specific topics of interest include: NFS version 4, highlighting performance improvements, security features, and cross-platform interoperability for Internet operation RPC authentication and security Differences between NFS versions 2 and 3 Implementation issues for clients and servers Read-ahead and write-behind Caching policies The Lock Manager protocol Automounting NFS variants, including Spritely NFS, NQNFS, Trusted NFS, and NASD NFS NFS competitors: RFS, AFS, DCE/DFS, and CIFS The PCNFS protocol for implementing NFS on PC operating systems SPEC SFS benchmarks, WebNFS, and firewalls Comprehensive and current, NFS Illustrated is an essential resource for network professionals who want to use this widespread and evolving technology to its fullest.KurzbeschreibungThe Network File System (NFS) protocol that enables remote access to files is now a key element of any LAN. It is also currently and increasingly used as a key technology with the Web and wide area networks. 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including Spritely NFS, NQNFS, Trusted NFS, and NASD NFS *NFS competitors: RFS, AFS, DCE/DFS, and CIFS *The PCNFS protocol for implementing NFS on PC operating systems *SPEC SFS benchmarks, WebNFS, and firewalls Comprehensive and current, NFS Illustrated is an essential resource for network professionals who want to use this widespread and evolving technology to its fullest. 0201325705B04062001