1. Record Nr. UNINA9910484238603321 Autore Palakollu Sri Manikanta Titolo Practical system programming with C: pragmatic example applications in Linux and other Unix-based operating systems / / Sri Manikanta Palakollu [Place of publication not identified]:,: Apress,, [2021] Pubbl/distr/stampa ©2021 **ISBN** 1-4842-6321-9 Edizione [1st ed. 2021.] Descrizione fisica 1 online resource (286 pages) 005.42 Disciplina Soggetti Systems programming (Computer science) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto 1. Introduction to the Linux Environment -- 2. Multithreading in C. --3. Introduction to POSIX Standards and System Level APIs -- 4. Files and Directories -- 5. Processes and Signals -- 6. Interprocess Communication -- 7. Shared Memory -- 8. Socket Programming. Sommario/riassunto This book teaches system programming with the latest versions of C through a set of practical examples and problems. It covers the development of a handful of programs, implementing efficient coding examples. Practical System Programming with C contains three main parts: getting your hands dirty with multithreaded C programming; practical system programming using concepts such as processes. signals, and inter-process communication; and advanced socket-based programming which consists of developing a network application for reliable communication. You will be introduced to a marvelous ecosystem of system programming with C, from handling basic system utility commands to communicating through socket programming. With the help of socket programming you will be able to build client-server applications in no time. The "secret sauce" of this book is its curated list of topics and solutions, which fit together through a set of different pragmatic examples; each topic is covered from scratch in an easy-to-

learn way. On that journey, you'll focus on practical implementations and an outline of best practices and potential pitfalls. The book also includes a bonus chapter with a list of advanced topics and directions

to grow your skills. You will: Program with operating systems using the latest version of C Work with Linux Carry out multithreading with C Examine the POSIX standards Work with files, directories, processes, and signals Explore IPC and how to work with it.

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Autore Einfeld Colette

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Nota di contenuto 1. Tangled knowledges in behavioural insights: Nudging public policy

-- 2. Tangled knowledges -- 3. Webs of knowledge in behavioural insights practices -- 4. Productions of evidence -- 5. Policy makers and the ethics of nudge -- 6. Collaborating and co-designing nudges -- 7.

Conclusion.

Sommario/riassunto "Colette Einfeld brings a much-needed critical eye to behavioural

insights, one of the most popular policy 'solutions' to emerge in contemporary times. In this ground-breaking new book, she tackles not just questions of the effectiveness (or not) of these approaches, but also grapples with the ethical and contextual dimensions. In laying out the mixed evidence for behavioural insights in practice, Einfeld sheds much-needed light on why governments around the world have been

so captured by these ideas. For those interested in understanding the influence and impact of knowledge in practice. Einfeld brings us a thought-provoking and timely contribution." —Janine O'Flynn, Professor, Director of the Crawford School of Public Policy, Australian National University, Australia. "A wonderful book that illuminates the different knowledges at play in the development and enacting of public policy instruments. Through careful investigation and analysis Einfeld illustrates the different uses of knowledge and their impact on policy efficacy. A must read for critical scholars and practitioners interested in understanding why policy instruments don't always 'work'." —Helen Sullivan, Professor, Dean of the College of Asia and the Pacific. Australian National University, Australia. This book provides an insightful and nuanced account of the roles of knowledge and evidence in behavioural science practices. Utilising evidence from Australia, it draws together the fields of evidence-based policymaking and behavioural insights in order to examine how policy actors negotiate the use of scientific evidence, knowledge, lived experience, and ethics in policymaking. It also considers the ways in which different knowledges can 'compete' in public policy, and the roles of policymakers in that competition. Offering insights for both evidencebased policy processes and the application of behavioural insights more generally, the book is a valuable resource for academics and practitioners interested in behavioural sciences, and the impact of different types of evidence in policymaking. Colette Einfeld is a Research Fellow at the College of Asia and the Pacific, Australian National University, Australia. Her research focusses on knowledge and evidence in policy practices in Australia and Asia.