



Mastering Parallel Programming with R

By Simon R. Chapple, Eilidh Troup, Thorsten Forster

Packt Publishing Limited, United Kingdom, 2016. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****.Master the robust features of R parallel programming to accelerate your data science computations About This Book * Create R programs that exploit the computational capability of your cloud platforms and computers to the fullest * Become an expert in writing the most efficient and highest performance parallel algorithms in R * Get to grips with the concept of parallelism to accelerate your existing R programs Who This Book Is For This book is for R programmers who want to step beyond its inherent single-threaded and restricted memory limitations and learn how to implement highly accelerated and scalable algorithms that are a necessity for the performant processing of Big Data. No previous knowledge of parallelism is required. This book also provides for the more advanced technical programmer seeking to go beyond high level parallel frameworks. What You Will Learn * Create and structure efficient load-balanced parallel computation in R, using R's built-in parallel package * Deploy and utilize cloud-based parallel infrastructure from R, including launching a distributed computation on Hadoop running on Amazon Web Services...



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