1. Record Nr.   UNINA9910338003903321

   Autore   Voss Michael

   Titolo   Pro TBB [[electronic resource]] : C++ Parallel Programming with
                     Threading Building Blocks / / by Michael Voss, Rafael Asenjo, James
                     Reinders

   Pubbl/distr/stampa Berkeley, CA, : Springer Nature, 2019
                      Berkeley, CA : , : Apress : , : Imprint : Apress, , 2019

   ISBN   1-4842-4398-6

   Edizione   [1st ed. 2019.]

   Descrizione fisica 1 online resource (LXVI, 754 p. 614 illus., 460 illus. in color.)

   Disciplina   005.13

   Soggetti   Programming languages (Electronic computers)
                     Computer programming
                     Algorithms
                     Data structures (Computer science)
                     Programming Languages, Compilers, Interpreters
                     Programming Techniques
                     Algorithm Analysis and Problem Complexity
                     Data Structures

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Nota di contenuto Part I -- Chapter 1: Jumping Right In – "Hello, TBB!" -- Chapter 2:
                      Generic Parallel Algorithms -- Chapter 3: Flow Graphs -- Chapter 4:
                      TBB and the C++ Parallel Standard Template Library -- Chapter 5:
                      Synchronization: why and how to avoid it -- Chapter 6: Data Structures
                      for Concurrency -- Chapter 7: Scalable Memory Allocation -- Chapter
                      8: Mapping Parallel Patterns to TBB -- Part II -- Chapter 9: The Pillars
                      of Composability -- Chapter 10: Using tasks to create your own
                      algorithms -- Chapter 11: Controlling the Number of Threads Used for
                      Execution -- Chapter 12: Using Work Isolation for Correctness and
                      Performance -- Chapter 13: Creating Thread-to-core and Task-to-
                      thread Affinity -- Chapter 14: Using Task Priorities -- Chapter 15:
                      Cancellation and Exception Handling -- Chapter 16: Tuning TBB
                      Algorithms: Granularity, Locality, Parallelism and Determinism --
                      Chapter 17: Flow Graphs: Beyond the Basics -- Chapter 18: Beef up

Flow Graphs with Async Nodes -- Chapter 19: Flow Graphs on steroids: OpenCL Nodes -- Chapter 20: TBB on NUMA architectures -- Appendix A: History and Inspiration -- Appendix B: TBB Précis -- Glossary. .

Sommario/riassunto	This open access book is a modern guide for all C++ programmers to learn Intel Threading Building Blocks (TBB). Written by TBB and parallel programming experts, this book reflects their collective decades of experience in developing and teaching parallel programming with TBB, offering their insights in an approachable manner. Throughout the book the authors present numerous examples and best practices to help you become an effective TBB programmer and leverage the power of parallel systems. Pro Intel Threading Building Blocks starts with the basics, explaining parallel algorithms and C++'s built-in standard template library for parallelism. You'll learn the key concepts of managing memory, working with data structures and how to handle typical issues with synchronization. Later chapters apply these ideas to complex systems to explain performance tradeoffs, mapping common parallel patterns, controlling threads and overhead, and extending TBB to program heterogeneous systems or system-on-chips. .

2.	Record Nr.	UNINA9910789875103321
	Autore	Sacino Sherry Wheatley
	Titolo	Article 17 [[electronic resource]] : access to a diversity of mass media sources / / by Sherry Wheatley Sacino
	Pubbl/distr/stampa	Leiden, : Martinus Nijhoff Publishers, 2012
	ISBN	1-283-39585-1
		9786613395856
		90-04-21692-8
	Descrizione fisica	1 online resource (112 p.)
	Collana	Commentary on the United Nations Convention on the Rights of the Child, , 1574-8626
	Disciplina	341.4/8572
	Soggetti	Freedom of information
		Mass media - Law and legislation
		Children (International law)
		Children's rights
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Comparison with related human rights provisions -- Scope of Article 17 -- The second sentence of Article 17 -- Implementation of Article 17 as seen through the perspectives of the Committee -- Challenges.
Sommario/riassunto	This volume constitutes a commentary on Article 17 of the United Nations Convention on the Rights of the Child. It is part of the series, A Commentary on the United Nations Convention on the Rights of the Child , which provides an article by article analysis of all substantive, organizational and procedural provisions of the CRC and its two Optional Protocols. For every article, a comparison with related human rights provisions is made, followed by an in-depth exploration of the nature and scope of State obligations deriving from that article. The series constitutes an essential tool for actors in the field of children's rights, including academics, students, judges, grassroots workers, governmental, non- governmental and international officers. The series is sponsored by the Belgian Federal Science Policy Office .