Errata

Errata for *Intel Threading Building Blocks*

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| Confirmed Errata | **Unconfirmed Errata** |

The errata list is a list of errors and their corrections that were found after the product was released.

The following errata were submitted by our customers and have not yet been approved or disproved by the author or editor. They solely represent the opinion of the customer.

Color Key: Serious technical mistake   Minor technical mistake   Language or formatting error   Typo   Question   Note   Update

Version	Location	Description	Submitted by	Date submitted

Printed, PDF, ePub	Example 3-3. Original loop code.	for (size_t i = 0; i>n; ++i)
		
		should be
		
		for (size_t i = 0; i < n; ++i)
			Alex Tsai	Oct 31, 2016

Printed	Page 13 5th paragraph	An example would be a sequential program that takes 34 seconds to run on a one-processor machine and 17 seconds to run on a dual-core machine. Replace quad-core (4) by dual-core (2) because 34 seconds/2 = 17 seconds...	Anonymous	
PDF	Page 22 4	Page 22 When explicit synchronization and atomic operations are insufficient, locks needs to be used. Should be ?When implicit synchronization and? are	Anonymous	Aug 26, 2008

Printed	Page 32 Example 3-2	line 4 and 7 of the example are the same. if(nthread>=1) Would that mean it is true to initialize and terminate under the same condition? I am not sure how to correct it or is it wrong in the first place.	Anonymous	
Printed	Page 32 Example 3-2	line 4 and 7 of the example are the same. if(nthread>=1) Would that mean it is true to initialize and terminate under the same condition? I am not sure how to correct it or is it wrong in the first place.	Anonymous	Jun 28, 2008
Printed	Page 42 5th paragraph	I believe "The left-to-right property allows commutative operations to work, [...]" is meant to read "non-commutative" rather than "commutative."	Anonymous	Aug 11, 2008
Printed	Page 49 2nd paragraph in parallel_scan	Should be $y\_i = y\_{i-1} + X\_i$ rather than $y\_i = y\_(i-1) + i$	Anonymous	
Printed	Page 65 duplication - Parallel Algorithms for Streams	The section below "Parallel Algorithms for Streams" duplicates what was already stated above it. This makes the reader confused, and seems entirely unnecessary. Please check.	Anonymous	
Printed	Page 67 Code listing for Example 4-4	Page 67, Code listing for Example 4-4. The third line reads 'ItemStream stream;', but it should read 'ItemStream stream(root);'.	Dave Elder	Jun 02, 2009
Printed	Page 119 code line below	Two code lines are bound together; should be separate lines.	Anonymous	

Printed	Page 146 Example 9-5, line starting with "task t_1 = new(c.all"	In this line, the expression "c.allocate_child()" is used, even no variable called 'c' exists. This should simply be "allocate_child()" because 'this' has been recycled as the continuation.	Anonymous	
Printed	Page 150 Example 9-9, line starting with "FibTask& a ="	This example is showing how to recycle 'this' as one of the child tasks, but the task 'this' is supposed to replace, 'a', is still being allocated. I believe the line starting with "FibTask& a =" should be commented out in the style used elsewhere in the example, as "// was: FibTask& a =..." Additionally, several lines below, the call "set_ref_count(2);" should be "c.set_ref_count(2);" because 'c' is the continuation that requires that call and 'this' is now one of the children.	Anonymous	
Printed	Page 150 FibTask class definitions	Hello, I think that both examples on the page 150 ('scheduler bypass' and 'recycling') should have replaced 'set_ref_count(2)' by 'c.set_ref_count(2)' - reference count of the continuation task. Without this fix both examples run forever. Also, 'recycling' example should have commented a line: 'FibTask& a = *new(c.allocate_child()) FibTask(n-2, &c.x);'	Anonymous	
Printed	Page 177 3rd paragraph	Book states the following "You can download the source for all examples from this chapter from http://www.threadingbuildingblocks.org/book", but when you go to link page states this "This is the dummy content for book page. this file is named book.php" So where does one find the exapmles?	The1GordoN	Jan 28, 2009
Printed	Page 185 Section on ParallelMerge	The source code of the ParallelMerge example (Example 11-8) is incomplete. The text on p. 186 mentionsa ParallelMergeBody class that is missing in the source code listing.	Anonymous	

		seems to have a complete version of the same example.		
Printed	Page 261 Box	Refers to lines 12 and 13 in example 11-53. I think 13 and 14 are what are meant. (I have the July 2007 printing).	Anonymous	
Printed	Page 261 Box	Refers to lines 12 and 13 in example 11-53. I think 13 and 14 are what are meant. (I have the July 2007 printing).	Anonymous	Jul 26, 2008
Printed	Page 280 Code listing, includes	Most paths in the book are given in the portable tbb/... (forward slash) notation, as they should be. On this page, however, includes are in the Windows-specific tbb... (baskslash) notation. #include "tbb ask_scheduler_init.h" ... They may occur elsewhere in the book as well.	Anonymous	
PDF, ePub, Mobi	Page 9171 throughout these typos exist	"shownin" should be "showing" "righth" should be "right" "voidreverse_join(" should be "void reverse_join(" "pinto" should be "into" "size_tmax_number_of_live_tokens" should be "size_t max_number_of_live_tokens" "voidclear()" should be "void clear()" "boolempty()" should be "bool empty()" "structUpdateStressBody" should be "struct UpdateStressBody" "<>const" should be "<>(const"	Anonymous	Sep 17, 2019

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