



Intel Software in China
Intel China Software Center (ICSC)

2007 Essay 1

Highlight



- Intel Creates Open Source Project for Its Popular Multi-Core Development Software
- 2007 Intel China Multi-core Academic Forum
- Intel®PAT Help To Build A New Management Model In ICafé

Intel Creates Open Source Project for Its Popular Multi-Core Development Software

Intel®Threading Building Blocks (TBB), a popular software C++ template library that simplifies the development of software applications running in parallel (key to any multicore computer), is now available as an open source project under the GNU General Public License version two (GPLv2) with the runtime exception. Intel TBB, as both an open source and fully supported commercial offering, makes parallelism more accessible for programmers and enables increased application performance on multi-core processors.

- Intel TBB is a C++ template library that adds parallel programming for C++ programmers. It uses generic programming to be efficient, but it has programmers express tasks instead of threads.
- Intel TBB provides an abstraction for parallelism that avoids the low level programming inherent in the direct use of threading packages such as p-threads or Windows threads.
- Intel TBB extends C++ for parallelism in an easy to use and efficient manner. It is designed to work with any C++ compiler thus simplifying development on applications for multi-core systems.
- Intel TBB facilitates scalable performance in a way that works across a variety of machines for today, and readies programs for tomorrow. It detects the number of cores on the hardware platform and makes the necessary adjustments as more cores are added to allow software to adapt.
- Intel TBB is a proven solution and currently is being used on a wide variety of C++ applications, particularly ones where the notion of getting scalable performance is important.
- Intel continues to support the commercial version of Intel Threading Building Blocks 2.0, which is available for \$299. This product includes one year of technical support, upgrades and new releases. The commercial version of Intel TBB is also included with the recently launched Intel® C++ Compiler Professional Editions 10.0.

Please refer to [Intel software](#) for more details.

2007 Intel China Multi-core Academic Forum



Intel convened the “2007 Intel China Multi-core Academic Forum” On July 12th, 2007 in Dalian. There were nearly 100 teachers from more than 40 colleges and universities. They came to share the latest multi-core technologies with expertise and others from the related areas, to help to renew and reform the curriculum content of “Intel Multi-core Technology University Program”, and to strengthen the technical Communication and cooperation between Intel and universities.



“Intel Multi-core Technology University Program ” is one of the most important parts of Intel University Program. The Chinese Moe has supported this program. Through the cooperation of “Intel University Curriculum Program” and “Multi-core United Scientific Research Program” etc., Intel will help to step up teaching and scientific research level in the multi-core area, and help to promote the scientific innovation and talent training in the latest technology area.

“As a global technology pioneer and leader, Intel has spared no efforts to support China’s education.” Intel vice president, Dr. Wang Wen-hann said.

Intel®PAT Help To Build A New Management Model In ICafé

Nearly 50 guests from top national iCafé and iCafé Associations and Intel executives went to attend the Intel China Top iCafé CEO Forum at Qingdao on July 26th, 2007. Vice present of Intel Sale and Marketing Group Yang xu, who is also the General Manager of Great China, and more than 50 guests including Cui Jianping, the Chinaman of Shandong Wanjia Network Ltd. Co. etc. had attended the great event.

Mr. Ye Xingchen, who is the business and marketing director from Intel Enterprises and Media Products Group, gave a topic speech, named “Intel Innovation Platform Build The New Management Model”. He said

2006 Fall IDF in The USA



The Intel Developer Forum in US is coming on September, 18-20, 2007. At this IDF, you get training and insight on everything from 45nm processors, codenamed “Penryn” to the latest details on Ultra Mobile and wireless devices. And you will also experience the following:

1. **The Forum Keynotes** are where major announcements are made and you see demonstrations the rest of the world will only read about.

[Learn more](#)

2. **The Technology Showcase** is where Intel and the technology ecosystem demonstrate their latest technology.

[Learn more](#)

3. **The Technical Training** Sessions are where you get detailed technical training that can help you achieve more.

4. **Featured Experiences** are rich opportunities to discuss, debate, and share your concepts and technical challenges with fellow engineers and technologists.

Please refer to [IDF Website](#) and [ICSC Website](#) for more details.

Software Training

Name :	Linux Kernel Faculty Training
Time :	Aug. 22-24
Location	Zhejiang University
content	Continue to give trainings on Linux Kernel, introduce the following Linux Kernel curricular: File Management and Interrupt Processing. File Management focuses on both the VFS data structure and how to realize VFS, combined with cases providing students with ample practice opportunities to deepen understanding; Interrupt Processing introduces IA interrupt mechanism and Linux how to handle interrupt, with Interrupt Processing practice supported by Linux device driver.

Name :	XML/SOA Faculty Training
Time :	Aug. 26-28
Location	Zhejiang University
Content	Focus on introducing XML and its application towards SOA; XML related technology knowledge, including XML Parsing, Schema, XSLT, Xpath, Xquery etc.

Related Links

that Intel®PAT 3.1 is an ideal solution for internet café computer management, which is already very mature and stable. He also recommended the latest Intel® System Recovery Tool, which is a value-add "on-board" software product that provides easy-to-use solutions for data backup and recovery, aimed at individuals who wants to protect their system and personal data and small businesses that want to conveniently create and deploy uniform software configurations on their business computers.



The guests and friends from the media had experienced the latest Intel innovative technology platform through the demonstrations of Intel®PAT 3.1 and Intel® SRT.

[Intel China Software Center Technology Resources](#)
[Intel Multicore Technology Website](#)
[Intel® Platform](#)

Contact Us

Generic Contact Email:
icsc.inquiry@intel.com
Training Enrollment Email
grp_icsc_training@intel.com
Tel: (86-21) 6116-5000
Address:
No. 880 Zi Xing Road
Shanghai ZiZhu Science Park
P.R.C. China

Copyright

Copyright© 2006 Intel. Corporation.
All Rights Reserved