



Intel Software in China  
**Intel China Software Center (ICSC)**

2007 Essay 3

**Highlight**



- **Intel® XML Software Suite Beta - Coming in September 2007**
- **ISV Cooperate With OEM To Build New Weybridge VPro Platform**
- **Intel Spurs Mobile Linux Innovations Through Moblin Open Source Project**

**Intel® XML Software Suite Beta - Coming in September 2007**



Services Oriented Architectures (SOA) and web services are key technologies companies use to foster enterprise growth. XML (eXtensible Markup Language) is used to create web services and SOA environments by coupling and reusing existing applications, as XML was designed to store, carry, and exchange data between applications and systems. XML performance, however, there is bottlenecks in XML application and processing environments.

Intel® XML Software Suite is a comprehensive high-performance C++ and Java\* software-based library for Linux\* and Windows\* operating systems, delivering maximum performance for XML processing on industry standard servers and application environments. Designed for high performance and efficiency the suite includes XML functionality for Parsing, Transformation, Schema Validation and XPath navigation.

**Features**

- Outstanding XML processing performance
- Comprehensive XML processing functionality
- Large XML file processing
- Compliance to standards
- High Conformance
- Efficient Memory Management

The beta code Intel® XML Software Suite program is schedule to release for evaluation in September 2007. To learn how Intel® XML Products can help you create and deliver high-performance XML environments and to be part of our exciting upcoming Intel® XML Software Suite beta program visit [XML Products Website](#). To stay current and be notified of upcoming events for this exciting beta program please contact us at: [XMLINFO@Intel.com](mailto:XMLINFO@Intel.com).

**ISV Cooperate With OEM To Build New Weybridge VPro Platform**

In order to align with Intel new Weybridge vPro platform's launch, which will be held in August 28<sup>th</sup>, 2007, Intel hosted Weybridge iAMT 3.0 workshop twice in Beijing successfully, from July 2<sup>nd</sup> to 4<sup>th</sup> and from August 22<sup>nd</sup> to 23<sup>rd</sup>. Many OEMs and ISVs focusing on business clients management and security all brought their new designed hardware platform and software to the workshop. OEMs who attended the workshop were Lenovo, Founder, Tongfang and Greatwall, and ISVs were StartSoftComm, VRV and GeneralSoft. After ISVs tested their software in all OEM platforms, new issues were found and root causes were investigated. This interoperability testing makes ISVs' iAMT enabled software can run on different OEM platforms better, and it not only smoothed the way for new vPro platform launch but also greatly proved the value of Intel new technologies.



Based on their technical advantages, Intel PRC DRD Client Enabling Team build and keep a good mutual trusted relationship with those PRC leading ISVs who are focusing on computer management and security, which makes Intel new innovated technologies, like AMT and VT, can be adopted by PRC ISVs and benefit end-consumers as soon as possible. At the same time, Intel's technical advantages and leadership in PC industry are well showed. With solid knowledge on Intel new AMT 3.0 technology, application engineers from PRC DRD Client Enabling Team helped solve many technical problems found during the twice workshop, and gave a full support for the perfect compatibility between ISVs' software and OEM's platform.

**Intel Spurs Mobile Linux Innovations Through Moblin Open Source Project**

---Bring Mobile To The Next Generation---

July 16<sup>th</sup>, 2007, Intel sponsored a new open source incubator project called [Moblin](#), short for Mobile and Internet Linux, to innovate solutions that scale and are interoperable across multiple types of mobility, digital health and digital home devices and usage models.

**Intel and Great Wall Co-work To Upgrade Information Security Products To A New Level**



Yang Xu, GM of Intel Great China

August 8<sup>th</sup>, 2007, Great Wall announced the second-generation security computer. It is the first computer in China that both hardware and software have independent intellectual property rights, except the CPU.

Since 2005, Great Wall has co-worked with Intel, and has developed security BIOS successfully. It is the first domestic source code with China's independent intellectual property, It has be used into the second-generation security computer. There is Intel VT desktop system in the second generation. With this technology, several OS and applications in one computer can run at the same time. Systems are completely separated from each other. Intel CPG has given many supports to the technical development.

Yang Xu, GM of Intel Great China, gave a speech on the ceremony:" there are 20 years since Intel and Great Wall co-worked. Great Wall is one of the most important fellowships. Together with Great Wall, Intel will still provide the latest and best technologies to China, to share technologies with enterprises in China, to innovate in china with fellows and to co-work to upgrade information security products to a new level."

**Intel National Multi-Core Programming Contest**

There are 20 outstanding candidates enter into the final contest after several competitions of Intel National Multi-Core Programming Contest. They will go to Beijing to participate in the closed programming and optimization contest. There are several programming and performance optimization topics during the contest.

Final candidates are:

Name	University
Chang Binglin	HUST
Chen Qingcha	HUST
Fan Xiang	ZJU
Huang Yuhua	HUST
Liang Ji	SHU
Lou Yihua	BUAA
Tan Dajie	Xinhua Keji
Wu Shuo	UCSB
Yin Ming	Fudan
Zhang Yifei	THU
Chen Qiang	NEU
Deng Hui	BJXWJ
Hao Jia'nan	BUAA
Li Yong	HUST
Long Qingting	XHU
Miao Xuhui	BUPT
Wang Xiaoying	THU
Yang Wenkai	SWJTU
ZhangTaosong	NEU
Zhu Wei	HUST

**Related Links**

- [Intel China Software Center Technology Resources](#)
- [Intel Multi-core Technology Website](#)
- [Intel® Platform Administration Technology](#)
- [Intel®XML products](#)

Moblin's key focus is Linux development for mobile devices and will include an open source collection of solutions, tools and a framework for sharing technologies, ideas, and usage models with the open source community.



Linux\* is the key supporting operating system (OS) for mobile internet devices (MID), which was announced at the Intel Developers Forum in Beijing last April. It was chosen because customers value Linux characteristics of smaller footprint, power management, flexibility, performance and cost. Intel already has commitments from Red Flag\*, Canonical\*, and Pepper Linux\* to create products supported by Linux OS for MIDs. While initial target usage will begin with MIDs, the same code base will be used for other non-PC device platforms from Intel.

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