

**Chairmen's Statement of the 14<sup>th</sup> Northeast Asia OSS Promotion Forum**  
**November 17, 2015**

Open Source Software is becoming increasingly vital more than ever before, not only for IT innovation but also for social infrastructures, delivered via the efforts of open communities, and empowered by OSS promotion activities over the past 11 years by gathering ideas, knowledge, and experience among users, industries, academy, and government in China-Japan-Korea (CJK). There has been a tremendous growth in the number of contributions to OSS development and rapid expansion within CJK, both Asian- and world-wide, since establishment of the Forum in 2004 created a stir in the OSS era.

The four working groups (WGs) continue to pursue the goal of the Forum: Realizing an open world through the sustainable growth of world-wide OSS communities and industries led by funds and skilled personnel in Northeast-Asian countries and regions. WG1 is in charge of "Technology development & Assessment", WG2 is in charge of "Human Resources Development", WG3 is in charge of the "Study on Standardization & Certification" and WG4 is in charge of "Application Promotion" collaboration works.

Over the past eleven years Northeast Asia OSS Promotion Forum has made substantial achievements: the forum has successfully developed the distributed resource management system OpenDRIM, the Linux kernel automation regression testing tool Crackerjack, the Linux security project SEEN, and the database assessment project DBT-1; also has made deep research in areas of web interoperability, cloud computing, etc. The forum has successfully organized the OSS awarding activities for outstanding technologies and special contribution; has developed and promoted the Northeast Asia OSS demonstration curriculums and courseware; has held the OSS training camps during each forum; and establish the OSS training camp institutionalization in a more flexible way. The forum has completed researching "the Specification of Input Method Interface" and "the Report of World Wide Web interoperability", collecting the information of OSS so as to establish OSS Maturity Assessment Repository, and the exploration, development and application of OSS Governance Framework. The forum has conducted marketing research and experience exchanges in areas of logistics, smart city and education, to promote the application and popularity of OSS technologies via setup demonstration projects.

The forum has continually shared government policy as well as offered practical support of OSS technology and philosophy through various open and innovative cases. The forum acknowledges the contribution of all participation of WGs.

The Northeast Asia OSS Promotion Forum has held its 14<sup>th</sup> annual conference. The chairmen vowed to invigorate OSS promotion through collaborative work among CJK.

A summary of the main conclusions is presented as follows:

#### WG1:

In 2015 WG1 continues to deepen the cooperation in cloud computing field, thereby building Inter-Cloud platform based on OpenStack for communities and business users to test and experience cloud-based application. Currently WG1 has already deployed an Inter-Cloud test bed among CJK, and it is managed by OpenStack Cascading and CSB. WG1 members are also active in joining both OpenStack Foundation and EU Compatible One project with actual in-depth communication with international communities, and have attained the highest stage of achievement such as CSB technology, OpenStack multi-Cloud management(Cascading) technology, OpenStack native application(RACK) technology, etc.

WG1 will continue to develop technologies for trustworthy Inter-Cloud services and to establish Inter-Cloud test-beds, in order to promote applications on Inter-Cloud test-beds and popularization of OpenStack technologies in Northeast Asia. WG1 will also continue to explore the research cooperation possibilities in areas of cloud computing, mobile Internet, Internet of Things, big data, smart city and so on.

#### WG2:

The main work of WG2 in 2015 is to study compliance skills and curriculum. We decided to call for review a draft release of "definition of skills and sample curriculum of IT/OSS compliance education for student, engineers and managers." The OSS training camp, which is held at the same time with the Northeast Asia OSS Promotion Forum, has been widely recognized for years and has attracted a majority of open source software enthusiasts including students and engineers.

The 10thCJK OSS outstanding technology awarding and the 8thCJK OSS special contribution awarding were organized in the 14thforum toward promoting OSS human resources development. WG2 will continue to promote the sharing of teaching materials, the certification of national OSS talents and the mutual certification in CJK by utilizing the Northeast Asia OSS demonstration curriculum.

#### WG3:

WG3 continues to strengthen the research of Software Package Data Exchange (SPDX) standard. According to the users' requirements and expectations, we draw "Government and Enterprise Collaboration Model for FOSS Compliance" which is helpful for the enterprises to avoid the potential risk. RepOSS system has been maintained by WG3 since 2011. In order to enhance efficiency and accuracy of RepOSS system, RepOSS collector has been partly improved to be more intelligent and automatic.

An academic thesis named "A Study for Design and Implementation of Open Source Software Maturity and Applicability Assessment" has been finished and is being translated into CJK language by WG3.

WG3 plans to integrate "Open Source Software Maturity and Applicability Assessment Model (OSMAAM)" system with RepOSS system. WG3 will maintain

contacts closely and communication with the standardization of SPDX, Guideline of applying for SPDX in OSS Supply Chain Management (SCM), actively accelerates the application of OSMAAM, and the standardization of smart terminal as FWTF. WG3 looks forward to close cooperation between CJK.

WG4:

In 2015, WG4 actively makes marketing research and experience exchange for smart city and industry applications, to further determine the demonstration projects and CJK open source software enterprise directory website construction. Basis of 13th CJK meeting, WG4 actively promote the application of OSS in smart tourism and to present a big data center development scheme. At the same time, Luoyang Tourism Bureau invited WG4 members as expert consultant working for Luoyang tourism information planning.

Next, WG4 will promote the Luoyang project continuously and summarize the successful experience of Luoyang project to actively expand it to other cities. To expedite further progress, future project can be done between 3 countries or 2 countries. WG4 will coordinate all resources for the pragmatic project implementation, and share CJK OSS success cases, encourage exchanges and cooperation between enterprises.

The refined WGs cooperation mechanism

In order to adapt to the new situations and new requirements of OSS cooperation, and without reducing the number of existing working groups, Northeast Asia OSS Promotion Forum will adopt a more flexible and high-efficient working group cooperation mechanism: as long as there are companies from two sides participating in a working group, then this working group is allowed to continue the normal operation, and three sides will share the whole process information and achievements of this working group.

All participants share the value of spreading OSS communities throughout the world, and appreciate the great efforts of government, industry, academy, and individuals in CJK. The forum has been expanding the OSS ecosystem for IT industry growth in CJK and other Asian regions. Here also the Forum declares to undertake the extension and enrichment of the open world as a member of OSS community.

Northeast Asia OSS Promotion Forum will continue to communicate about activities, such as the wide application of OSS achievements.

The 15<sup>th</sup> Northeast Asia OSS Promotion Forum will be held in Korea in 2016.