

5th ASQN(Asia Software Quality Network) Conference

SQiP International Group,
Union of Japanese Scientists and Engineers

1.ASQN Conference in Kuala Lumpur, Malaysia

ASQN conference was held in Kuala Lumpur, Malaysia on Tuesday, 1st and 2nd August.



[PETRONAS Twin Tower and Kuala Lumpur Convention Center]

While the software quality has been focused in global, ASQN is an Asian countries community to shares researches and case studies of software quality improvement, grows each other and present them to global. The activity is to hold annual conference sharing of experiences case studies. Many organizations about software quality in Asian countries are considering participation and have participated from China, Malaysia, Korea, Philippines, Thailand, Singapore, Vietnam and Japan.

The venue was Kuala Lumpur Convention Center (KLCC) near from PETRONAS twin Tower which was the most popular spot in Kuala Lumpur. This ASQN conference was held conjunction with 10th Software Testing Conference (SOFTEC) Asia 2017. The number of participants of SOFTEC Asia was about 500, Malaysia Software Testing Board (MSTB) who was the organizer of SOFTEC is a member of ASQN. Ms. Mastura Abu Samah who is the president of MSTB told a message “Software quality become more important on AI, IoT and blockchain technologies” on her opening speech.



[SOFTEC main room]

2. ASQN Conference overview

The ASQN conference was held at KLCC with about 30 participants. It has been overlapped with the vacation season of other Asian countries, and there were presentations from Malaysia and Japan. Dr. Kikuchi in Fujitsu Laboratories from Japan and Amir J Sidek, Herman Md Tahir and Zuliha M Yahya in MSTB from Malaysia.



[Participants gathering at the ASQN conference venue]

< ASQN Conference Schedule >

1st August

Time	Title and Presenter
14:00-14:50	“Metrics Extraction and Evaluation in Enterprise Software Development using OSS”, Dr. Shinji Kikuchi (Fujitsu laboratory)
14:50-15:30	“Quality First. Now That Software is Everywhere & Nowhere”, Amir J Sidek (Malaysia Software Testing Board)

2nd August

Time	Title and Presenter
14:00-14:50	"Certifying Software to intimation Standards", Herman Md Tahir, Zuliha M Yahya (Malaysia Software Testing Board)

Dr. Kikuchi made his presentation at the first session on the first day. Title was "Metrics Extraction and Evaluation in Enterprise Software Development using OSS". This is a research presentation on quality metrics of enterprise software using Open Source Software (OSS). The enterprise software OSS is commonly used, however, the problem is that the quality tend to be lowered when using OSS. He solved the problem by efforts to define new quality control metrics and confirm the effectiveness. This is a practical research that can be applied immediately to the site of software development. Participants understood the presentation and asked questions with their deeply insights. For examples, the questions were "Metrics will be important at requirement definition phase. What is the relationship with the requirement?" and "To investigate the cause of the problem, do you use Mr. Ishikawa's characteristic factor diagram or some other method? ". Questions and answers were actively carried out in the session.



[Dr. Kikuchi's presentation]

Next, Amir J Sidek from Malaysia made his presentation, and the title was "Quality First!". That was based on a case of Malaysia Software Testing Hub (MSTH), he presented software quality issues and initiatives in Malaysia. MSTH is an activity aimed at improving software quality, with the name of Q-Capability for its capability enhancement, Q-Lab for research and development, Q-Industry for collaboration with

industry, Q-Portal for information portal. He explained the initiatives of MSTH. Mr. Sidek said, "Malaysia is aiming to become one of the global players in software quality," and it is hoped that aggressive activities will continue in the future. Ten years ago when SOFTEC Asia began, software quality was not receiving much attention in Malaysia. However, in the past ten years, a software testing center of a global company was established one after another in Malaysia, the importance of software quality was recognized and became an important position.

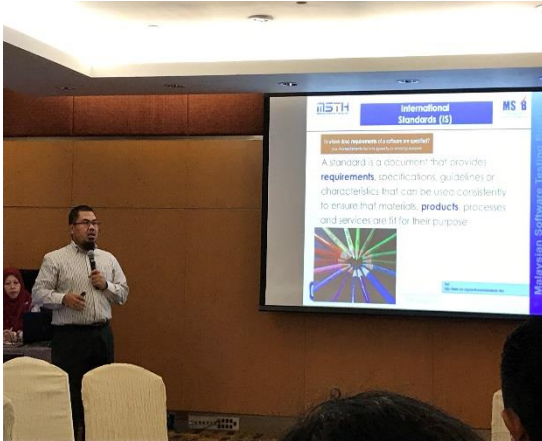


[Mr. Amir J Sidek's presentation]

On the second day, Ms. Zuliha M Yahya and Mr. Herman Md Tahir presented "Certifying Software to intimation Standards". They introduced and explained how to maintain software quality through QS certification, and international standard that provide documentation defining about requirement, specification, guideline and feature for objectives of contents, processes and services.



[Ms. Zuliha M Yahya's presentation]



[Mr. Herman Md Tahir's presentation]

At this ASQN conference, not only the presenter but also the participants' knowledge of the quality and problem-consciousness, it became a very content conference.

3. Next ASQN conference

Next ASQN conference will be held in 2018, but the date and place is being adjusted at present between member each country. As soon as it's decided, we will announce it.