

HKSPIN e-Newsletter

Issue 2, Nov. 2007

In this issue, we add a new column on Useful Web Sites, which features websites on quality, development and management-related topics.

A piece of good news

QMSID has signed a Memorandum of Understanding (MOU) with China System and Software Process Improvement Network (CSPIN) in November. CSPIN is the only software and systems process improvement organization in China authorized by the Ministry of Information Industry, Ministry of Civil Affairs and China Software Industry Association. It aims at enhancing the software standard, the productivity level of service industry and the adoption of process improvement in China.

There are several areas of collaboration planned: China Software Benchmarking Standards Group (CSBSG), China Japan Korea Alliance on Software Metrics, China System and Software Process Improvement (CSSPI) Annual Meeting, industry survey and research of system and software process improvement, and national standard proposal.

HKSPIN will play an active role in supporting these and other worthwhile projects organized by CSPIN and QMSID.



Dr. Hareton Leung
Chair, HKSPIN

I. Useful Web Sites

a. Free Management Library

<http://www.managementhelp.org>

This library provides easy-to-access, easy-to-apply, comprehensive resources regarding the leadership and management of yourself, other individuals, groups and organizations. Content is relevant to large or small organizations. There are over 650 topics in the library, spanning 5,000 links. Topics include the most important practices to start, develop, operate, evaluate and resolve problems in organizations.

b. Web Services and Service-Oriented Architectures

<http://www.service-architecture.com>

This site will help you get started with Web Services and service-oriented architectures. It features free articles, services, and product listings that can be used to develop a service-oriented architecture using Web Services. With nearly 400 pages of articles, the online articles section provides an extensive overview of Web Services, related standards, and technologies that can be used in SOA.

c. Software Program Managers Network (SPMN)

<http://www.spmn.com>

The mission of the SPMN is to identify proven industry and government software best practices and convey them to managers of large-scale software-intensive acquisition programs. Applying extensive *in the trenches* experience, the SPMN helps program managers to achieve project success and deliver quality systems on schedule and on budget.

II. Articles

a. Myths and Strategies of Defect Causal Analysis

Many process improvement approaches (e.g., Six Sigma, CMMI and Lean) incorporate causal analysis activities. In this article David Card explores four common misunderstanding associated with the concept of causality and suggests some key elements of an effective causal analysis strategy.

David N. Card is a fellow of Q-Labs. He has worked for Software Productivity Consortium, Computer Sciences Corporation, Lockheed Martin and Litton Bionetics. Mr. Card serves as Editor-in-Chief of the Journal of Systems and Software. He is a senior member of the American Society for Quality. He has author/co-author two books on Software Measurement.

<http://www.compaid.com/caiinternet/ezine/card-defects.pdf>

b. Measurement for Successful Projects

Measurement is the key to successfully managing a project. Equipped with the right set of measures, project managers can properly set expectations and maintain good control over their deliverables. Learn about the importance of size measures and how function point analysis is an effective sizing method.

Michael Harris and David Herron of the David Consulting Group.

<http://www.compaid.com/caiinternet/ezine/harris-herron-measurement.pdf>