Best-Practices Supplement to CMMI and IEEE Software Engineering Standards Set - Just Out From The IEEE Computer Society


Los Alamitos, CA (PRWEB) December 17, 2005 -- Software process definition, documentation, and improvement are integral parts of a software engineering organization. Standards users want guides and standards that provide the specific detail they need to develop their process documentation. Too often, however, these standards and guides require considerable adaptation when users apply them as an integrated set. To provide practical support for such users, the IEEE Computer Society has released IEEE Software Engineering Standards Support for the CMMI Project Planning Process Area as part of its new IEEE ReadyNotes online tutorial collection.

Written by Northrop Grumman’s Susan K. Land, this tutorial is intended primarily for software engineering practitioners who are responsible for producing the process documentation and work products or artifacts associated with supporting software process definition and improvement. The goal is to help members of organizations who are responsible for developing or maintaining their software processes in support of CMMI-SW (Level 2) documentation requirements. The author addresses these specific documentation requirements by providing detailed organizational policy examples, deployable Project Planning templates, and examples of common Project Planning work products required to support CMMI Level 2 assessment activities.

This ReadyNote is also suitable for engineers or organizations who do not wish to pursue CMMI Level 2 accreditation; it demonstrates how the application of IEEE standards can facilitate the development of sound software engineering practices. Basic cost is $19, with discounts available for instructors.

ReadyNotes is a series of tutorials the IEEE Computer Society has just launched, focusing on hands-on advice for practicing software developers, chip designers, computing researchers, and students. Falling somewhere between academic papers and full-on books in length, these 25,000-word tutorials will be periodically upgraded and available only in PDF form, from http://www.computer.org/readynotes. Other titles will include:

- A Survey of 3D Graphics Software Tools
- The Poor Person’s Guide to Estimating Software Costs
- Evaluating Performance in Software Engineering
- Digital Avionics: A Computing Perspective
- Introduction to Python for Artificial Intelligence
- Designing Databases with Object-Oriented Methods

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Contact Information
Janet Wilson
IEEE Computer Society
http://www.computer.org
714-821-8380

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