DoD Developer’s Guidebook for Software Assurance

This guidebook helps software developers understand expectations for software assurance. Because developers need to be aware of the regulatory background in which their projects operate, this guidebook summarizes standards and requirements that affect software assurance decisions and lists key resources that developers should consult. It includes a summary of the State-of-the-Art Resources (SOAR) for Software Vulnerability Detection, Test, and Evaluation report, along with its approach for selecting tools. The guidebook also provides a bottom-up approach to tool selection that considers what activities and tools are typically appropriate at different stages of the development or product lifecycle. It offers advice for special lifecycle considerations, such as new development and system re-engineering, and describes metrics that may be useful in selecting and applying tools or techniques during development. Special sections are devoted to assurance in software sustainment and software acquisition.
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The SEI Bulletin is a biweekly newsletter designed to keep you up to date on SEI news, events, research, and other matters of interest to the SEI
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**Send Us Your Story**

Do you have a story about how an SEI technology has positively affected your team or organization? If so, the SEI would like to hear about it. Send a short summary of your success to info@sei.cmu.edu and you could be featured in a future issue of the SEI Bulletin.

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