W17 – SPattern ‘07

1st International Workshop on Secure Systems Methodologies Using Patterns
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Goals and Topics of Interest

Security patterns have arrived to a stage where there are a significant number of them, two books about them have been published, and industry is starting to accept and use them. Analysis and design patterns have been around for about ten years and have found practical use in many projects. They have been incorporated into several software development methodologies where less experienced developers can use them to receive the advice and knowledge of experts. The situation is not so clear for security patterns because no accepted methodology exists for their use so far.

Catalogs of security patterns are a good step, but they are not enough. Building secure systems is a difficult process where security aspects are interlaced with the satisfaction of functional requirements. Developers are typically experts on a language or a development methodology but know little about security, which results in them not knowing what security mechanisms make sense at which moment. We need methodologies that guide a designer at each stage of the development cycle. A few of them have appeared, but none of them has been tested in real world production applications.

This workshop focuses on secure software methodologies. It includes papers that describe individual security patterns, new methodologies, new aspects of existing methodologies, pattern languages to use in the methodologies, reference architectures, blueprints, and related aspects.

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