



# Debugging.TV

Frame 0x1A

Presenter: Dmitry Vostokov

SOFTWARE DIAGNOSTICS SERVICES

[www.PatternDiagnostics.com](http://www.PatternDiagnostics.com)

Including Memory Dump and Software Trace Analysis Audit, Seminars,  
Certification and Training

Sponsors

**OPENTASK**

Iterative and Incremental Publishing

# Topics

- The Vision of Software Diagnostics
- Patterns of Software Diagnostics Architecture

Forthcoming Seminar:

Software Diagnostics: Requirements, Architecture, Design, Implementation and Improvement

# Software Diagnostics

- Software Post-Construction Artefacts
- Pattern-Oriented Artefact Analysis

# Architectural Patterns I

- Pipes and Filters



# Architectural Patterns II

- Publisher-Subscriber



Explicit Publisher - active tracing

Implicit Publisher - external memory acquisition

# Pattern Reuse

- Existing Architectural Patterns
- Pattern Reference: Pattern-Oriented Software Architecture series (by Frank Buschmann, et al.)
- Specialized Design Patterns: Debugware
- Implementation: Unified Debugging Patterns

# !Ad Hardcore Software Diagnostics Training

Nov - December, 2013	<u>Psychology of Software Diagnostics</u> (FREE) <u>Semiotics of Debugging</u> (FREE) <u>Generative Software Narratology</u> (FREE) <u>Software Diagnostics: Requirements, Architecture, Design, Implementation and Improvement</u> (FREE)
November 15-25, 2013	<u>Accelerated Windows Memory Dump Analysis</u>
December, 2013	Deep Down C++
2014	7 new training courses

# Debugging.TV

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