



**Business Security made in Germany
CodeProfiler protects SAP®**

SAP® LICENSES VIRTUAL FORGE CODEPROFILER

Aiming to expand the quality assurance of SAP® software enhancements, SAP® has now licensed the testing software CodeProfiler, developed by the ABAP™ programming language security specialist, Virtual Forge. This is the first solution on the market that is designed for static analysis of ABAP™ applications with a specific focus on security and compliance tests. CodeProfiler offers SAP® customers that have developed their own ABAP™ code, extensive quality assurance. The development divisions of SAP® – the ABAP™ inventors – employ this tool amongst other quality assurance tools. Based on data and control flow analysis, CodeProfiler delivers reliable test results within a short period of time. The tool analyzes up to 5.000 lines of source code per second. Thus, even tests of extensive software applications are possible at any time.

CODEPROFILER ENSURES QUALITY

Dr. Gunter Bitz, responsible for Quality Assurance at SAP®, exemplifies: “CodeProfiler is a valuable tool for quality assurance. This is why SAP® internally employs it ancillary to SAP®’s own tool ‘Checkman’. With CodeProfiler, SAP® customers can systematically check the entire ABAP™ source code of their self-developed code for security and compliance weaknesses. For security tests, complete coverage is important, as an intruder can infiltrate a system through one single weak point. This tool is an excellent supplement to existing security testing methods available today.”

CODEPROFILER AS A STANDARD FOR SECURE DEVELOPMENT

SAP® Executive Board Member Gerhard Oswald amends: “Security is important to us and to our customers. It’s good to see that our trusted partner Virtual Forge provides a tool for security test automation. Now all our customers can establish a baseline security level in their ABAP™ code.”

OUR MISSION: SECURITY AND COMPLIANCE

We enable our customers to build, run and maintain custom SAP® applications that meet Security and Compliance requirements.

Our expertise covers the entire SAP® development lifecycle. We analyze processes, guidelines and coding practices. Subsequently, we help our customers to close and avoid any identified gaps. As a result, our customers can build secure and compliant custom SAP® code in a very cost efficient manner.

VIRTUAL FORGE –
THE EXPERTS FOR SECURE ABAP™



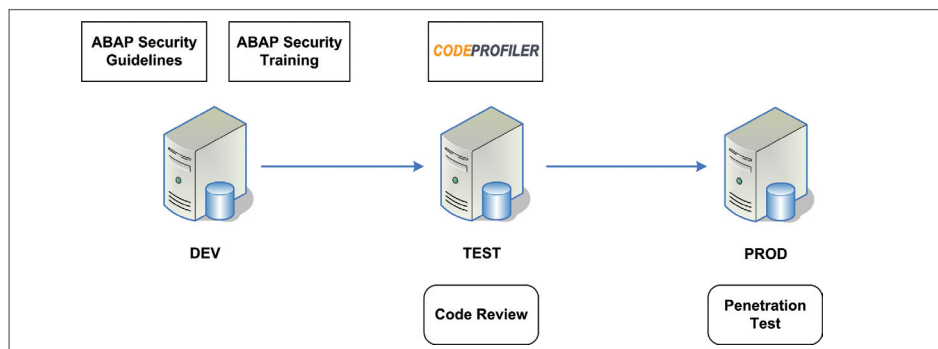


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SAP® Software. Simply Secure.**

ABOUT US: THE EXPERTS FOR SECURE ABAP™

Virtual Forge is an independent application security and research company based in Heidelberg, Germany. Our employees are leading security experts in the SAP® application security field. Based on their unique specialist knowledge, the worldwide 1st tool for static code analysis with based on data- and control-flow analysis for security and compliance tests for ABAP™ was born: the Code-Profiler. Our solutions are applied in all industries, from defense, pharma, banking, automotive, oil & gas, engineering, health care and insurance, through to agriculture. We also work with renowned independent software vendors.

SERVICES & PRODUCTS



Our services and products cover every aspect of custom ABAP™ development, and ensure that business applications comply with the highest security and compliance requirements.

OUR CORE OFFER IS THE CODEPROFILER

- The first ABAP™ Scanner on the market for tests on security, compliance, performance and code quality.
- Data and control flow analysis leads to reliable results.
- SAP® employs CodeProfiler for internal QA and also recommends it to SAP® customers.

OUR ABAP™ SECURITY GUIDELINES & SPECIFICATIONS

- ... define the standard:
- Unique ABAP™ Security know-how from the authors of the book „Sichere ABAP™ Programmierung“ (SAP Press)

WE TRANSFER KNOWLEDGE: ABAP™ SECURITY TRAINING

- Demonstration of weaknesses based on tangible examples and depiction of programming practices for secure ABAP™ developments.
- We are part of the SAP® curriculum in Germany and Switzerland (WDESA3).